HP Storage Operations Manager

Software Version: 10.00
Linux® operating system

Content Pack for EMC CLARiiON and VNX Performance Statistics Universe Reference

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Acknowledgements

This product includes software developed by the Apache Software Foundation.
(http://www.apache.org)

This product includes software developed by the Indiana University Extreme! Lab.
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Documentation Updates

The title page of this document contains the following identifying information:

- Software Version number, which indicates the software version.
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Universe Parameters

Definition

Name:	SOM_EMCCLAR_VNXPerfReporting Universe
Description:	
Connection:	MA0.015234868198070628

General information

Created:	2/5/2015 by Administrator
Modified:	2/25/2015 by Administrator
Comments:	
Statistics:	67 Classes 1165 Objects 31 Tables 0 Aliases 44 Joins 15 Contexts 11 Hierarchies 29 Conditions

Strategies

Join strategy:	Edit Manually (none)
Table strategy:	(Built-in) Standard
Object strategy:	(Built-in) Standard Renaming

Controls

Limit size of result set to:	unchecked
Limit size of long text objects to:	1000 characters
Limit execution time to:	10 minutes
Warn if cost estimate exceeds:	unchecked

SQL parameters

Query	
Allow use of subqueries:	yes
Allow use of union, intersect and minus operators:	yes
Allow complex conditions in Query Panel:	yes
Cartesian products:	warn
Multiple paths	
Generate several SQL statements for each context:	yes
Generate several SQL statements for each measure:	yes
Allow selection of multiple contexts:	no

Links

No links for this universe

Object Properties

Class:	SOM_EMCCLAR_VNXPerfReporting_Core
Description:	

No objects

Class:	EMC CLARiiON_VNX Storage System Performance Statistics
Description:	EMC CLARiiON_VNX Storage System Performance Statistics

No objects

Class:	CLARiiON_VNXStorageSystem(EMC CLARiiON_VNX Storage System Performance Statistics)
Description:	

Object:	SOM Source Name
Type:	Character
Description:	Name of the source SOM server
Select equivalent:	K_SE_StorageSystem.SEiSourceName
Where equivalent:	
Qualification:	dimension
List of values:	001, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Tenant Name
Type:	Character
Description:	Tenant Name
Select equivalent:	K_SE_StorageSystem.TenantName
Where equivalent:	
Qualification:	dimension

List of values: 002, editable, manual refresh, not exportable
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Vendor
Type: Character
Description: Storage system vendor name
Select equivalent: K_SE_StorageSystem.Vendor
Where equivalent:

Qualification: dimension
List of values: 003, editable, manual refresh, not exportable
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Model
Type: Character
Description: Storage System Model Number
Select equivalent: K_SE_StorageSystem.Model
Where equivalent:

Qualification: dimension
List of values: 004, editable, manual refresh, not exportable
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Storage System Name
Type: Character
Description: Name of the Storage System
Select equivalent: K_SE_StorageSystem.StorageSystemName
Where equivalent:

Qualification: dimension
List of values: 005, editable, manual refresh, not exportable
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Storage System Description

Type:	Character
Description:	Description about Storage System
Select equivalent:	K_SE_StorageSystem.Description
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	006, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Storage System Discovery Status
Type:	Character
Description:	The discovery status of th e storage system such as CREATED, CONTACTED, MISS ING, GENERIC
Select equivalent:	K_SE_StorageSystem.DiscoveryStatus
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	007, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Storage System IP Address
Type:	Character
Description:	IP Address of the Storage System
Select equivalent:	K_SE_StorageSystem.IPAddress
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	008, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Storage System DNS
Type:	Character

Description:	DNS name of the Storage System
Select equivalent:	K_SE_StorageSystem.DNSName
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	009, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Storage System WWN
Type:	Character
Description:	World Wide Number of the Storage System
Select equivalent:	K_SE_StorageSystem.WWN
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	00a, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Storage System SerialNumber
Type:	Character
Description:	Serial Number of the Storage System
Select equivalent:	K_SE_StorageSystem.SerialNumber
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	00b, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Storage System Status
Type:	Character
Description:	Operational status of the Storage System
Select equivalent:	K_SE_StorageSystem.StorageSystemStatus
Where equivalent:	

Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	00c, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Has Reset Capability?
Type:	Character
Description:	Has Reset Capability (flag)
Select equivalent:	K_SE_StorageSystem.HasResetCapability
Where equivalent:	

Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	00d, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Has Advanced Retention Management?
Type:	Character
Description:	Has Advanced Retention Management (flag)
Select equivalent:	K_SE_StorageSystem.HasAdvRetentionMgmt
Where equivalent:	

Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	00e, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Cache Block Size
Type:	Number
Description:	Cache Block Size
Select equivalent:	K_SE_StorageSystem.CacheBlockSize
Where equivalent:	

Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	00f, editable, manual refresh, not exportable
Security access level:	0

Can be used:	in result, in condition, in sort
Object status:	show

Object:	Has Compliance Mode?
Type:	Character
Description:	Has Compliance Mode (flag)
Select equivalent:	K_SE_StorageSystem.HasComplianceMode
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	00g, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Domain
Type:	Character
Description:	Domain of the Storage System
Select equivalent:	K_SE_StorageSystem.Domain
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	00h, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Over Subscribed Capacity
Type:	Character
Description:	Over Subscribed Capacity
Select equivalent:	K_SE_StorageSystem.OverSubscribedCapacity
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	00i, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Requested Capacity
Type:	Character
Description:	Requested Capacity
Select equivalent:	K_SE_StorageSystem.RequestedCapacity
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	00j, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Is Manageable?
Type:	Character
Description:	Is Manageable
Select equivalent:	K_SE_StorageSystem.IsManageable
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	00k, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Volume Name Length
Type:	Character
Description:	Maximum allowed length for Volume Names
Select equivalent:	K_SE_StorageSystem.MaxVolumeNameLength
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	00l, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Replication IP
Type:	Character
Description:	Replication IP Address of the Storage System
Select equivalent:	K_SE_StorageSystem.ReplicationIP

Where equivalent:

Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	00m, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Replication Pools
Type:	Character
Description:	Replication Pools of the Storage System
Select equivalent:	K_SE_StorageSystem.ReplicationPools
Where equivalent:	

Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	00n, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Replication Status
Type:	Character
Description:	Replication Status of the Storage System
Select equivalent:	K_SE_StorageSystem.ReplicationStatus
Where equivalent:	

Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	00o, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Storage On Access
Type:	Character
Description:	Storage On Access (flag)
Select equivalent:	K_SE_StorageSystem.StorageOnAccess
Where equivalent:	

Qualification:	detail
Associated dimension name:	Storage System Name

List of values:	00p, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Business Cost
Type:	Number
Description:	Business Cost of the Storage System
Select equivalent:	K_SE_StorageSystem.BusinessCost
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	00q, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	DKC Microcode Version
Type:	Character
Description:	DKC Microcode Version of the Storage System
Select equivalent:	K_SE_StorageSystem.DKCMicrocodeVersion
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	00r, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Family
Type:	Character
Description:	Family of the Storage System
Select equivalent:	K_SE_StorageSystem.Family
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	00s, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Hardware Version
Type:	Character
Description:	Hardware Version of the Storage System
Select equivalent:	K_SE_StorageSystem.HardwareVersion
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	00t, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Identifying Descriptions
Type:	Character
Description:	Identifying Descriptions for the Storage System
Select equivalent:	K_SE_StorageSystem.IdentifyingDescriptions
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	00u, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Other Identifying Info
Type:	Character
Description:	Other Identifying Info for the Storage System
Select equivalent:	K_SE_StorageSystem.OtherIdentifyingInfo
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	00v, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Provider Tag
Type:	Character

Description:	Provider Tag of the Storage System
Select equivalent:	K_SE_StorageSystem.ProviderTag
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	00w, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Parent Name
Type:	Character
Description:	Parent Name for a File System Node/Virtual Server
Select equivalent:	K_SE_StorageSystem.ParentName
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	00x, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Parent UUID
Type:	Character
Description:	Parent UUID for a File System Node/Virtual Server
Select equivalent:	K_SE_StorageSystem.ParentUUID
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	00y, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Power Management
Type:	Character
Description:	Power Management
Select equivalent:	K_SE_StorageSystem.PowerManagement
Where equivalent:	

Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	010, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Roles
Type:	Character
Description:	Roles of the Storage System
Select equivalent:	K_SE_StorageSystem.Roles
Where equivalent:	

Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	011, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Primary Owner Name
Type:	Character
Description:	Primary Owner Name of Storage System
Select equivalent:	K_SE_StorageSystem.PrimaryOwnerName
Where equivalent:	

Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	012, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Primary Owner Contact
Type:	Character
Description:	Primary Owner Contact of Storage System
Select equivalent:	K_SE_StorageSystem.PrimaryOwnerContact
Where equivalent:	

Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	013, editable, manual refresh, not exportable
Security access level:	0

Can be used:	in result, in condition, in sort
Object status:	show

Object:	Last Contacted Timestamp
Type:	Date
Description:	Shows the time stamp of w hen the storage system wa s last contacted
Select equivalent:	K_SE_StorageSystem.LastContactedTimestamp
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	014, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Management URL
Type:	Character
Description:	Management URL of the Storage System
Select equivalent:	K_SE_StorageSystem.ManagementURL
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	015, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Custom Name
Type:	Character
Description:	Custom Name of the Storage System
Select equivalent:	K_SE_StorageSystem.CustomName
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	016, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Object Type
Type:	Character
Description:	Object Type
Select equivalent:	K_SE_StorageSystem.ObjectType
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	017, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Storage System UUID
Type:	Character
Description:	UUID of the Storage System
Select equivalent:	K_SE_StorageSystem.UUID
Where equivalent:	
Qualification:	dimension
List of values:	018, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Class:	DATETIME(EMC CLARiiON_VNX Storage System Performance Statistics)
Description:	

Object:	Year
Type:	Number
Description:	Year
Select equivalent:	DATETIME.TIME_YEAR_NUMBER
Where equivalent:	
Qualification:	dimension
List of values:	019, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Month
Type:	Character
Description:	Month Name first Three Characters
Select equivalent:	(SUBSTR(DATETIME.TIME_MONTH_NAME,1,3))
Where equivalent:	
Qualification:	dimension
List of values:	01a, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Month Name
Type:	Character
Description:	Month Name
Select equivalent:	DATETIME.TIME_MONTH_NAME
Where equivalent:	
Qualification:	detail
Associated dimension name:	Month
List of values:	01b, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Day
Type:	Number
Description:	Day
Select equivalent:	DATETIME.TIME_DAY_MONTH_NUMBER
Where equivalent:	
Qualification:	dimension
List of values:	01c, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Day Name
Type:	Character
Description:	Day Name
Select equivalent:	DATETIME.TIME_DAY_NAME

Where equivalent:

Qualification: detail
Associated dimension name: Day
List of values: 01d, editable, manual refresh, not exportable
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Hour
Type: Number
Description: Hour
Select equivalent: DATETIME.TIME_HOUR_ID
Where equivalent:

Qualification: dimension
List of values: 01e, editable, manual refresh, not exportable
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Hour Id
Type: Number
Description: Hour Id
Select equivalent: DATETIME.TIME_HOUR_ID
Where equivalent:

Qualification: detail
Associated dimension name: Hour
List of values: 01f, editable, manual refresh, not exportable
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Time Hour Description
Type: Character
Description: Time Hour Description
Select equivalent: DATETIME.TIME_HOUR_DESCRIPTION
Where equivalent:

Qualification: detail
Associated dimension name: Hour
List of values: 01g, editable, manual refresh, not exportable

Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Full Date
Type:	Date
Description:	Full Date
Select equivalent:	DATETIME.TIME_FULL_DATE
Where equivalent:	
Qualification:	dimension
List of values:	01h, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Time Is Holiday
Type:	Character
Description:	Time Is Holiday
Select equivalent:	DATETIME.TIME_IS_HOLIDAY
Where equivalent:	
Qualification:	detail
Associated dimension name:	Full Date
List of values:	01i, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Time Is Weekday
Type:	Character
Description:	Time Is Weekday
Select equivalent:	DATETIME.TIME_IS_WEEKDAY
Where equivalent:	
Qualification:	detail
Associated dimension name:	Full Date
List of values:	01j, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Hour Boundary
Type:	Number
Description:	Hour Boundary
Select equivalent:	DATETIME.HOUR_BOUNDARY
Where equivalent:	
Qualification:	dimension
List of values:	01k, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	hidden

Object:	Day Boundary
Type:	Number
Description:	Day Boundary
Select equivalent:	DATETIME.DAY_BOUNDARY
Where equivalent:	
Qualification:	dimension
List of values:	01l, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	hidden

Object:	Week Boundary
Type:	Number
Description:	Week Boundary
Select equivalent:	DATETIME.WEEK_BOUNDARY
Where equivalent:	
Qualification:	dimension
List of values:	01m, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	hidden

Object:	Month Boundary
Type:	Number
Description:	Month Boundary
Select equivalent:	DATETIME.MONTH_BOUNDARY
Where equivalent:	
Qualification:	dimension

List of values: 01n, editable, manual refresh, not exportable
Security access level: 0
Can be used: in result, in condition, in sort
Object status: hidden

Object: Year Boundary
Type: Number
Description: Year Boundary
Select equivalent: DATETIME.YEAR_BOUNDARY
Where equivalent:

Qualification: dimension
List of values: 01o, editable, manual refresh, not exportable
Security access level: 0
Can be used: in result, in condition, in sort
Object status: hidden

Class: Raw CLARiiON_VNX Storage System Performance Statistics
Description:

Object: Total I/O Rate (Req/Sec)
Type: Number
Description: I/O Rate - includes random reads and writes, but does not include sequential reads
Select equivalent: SR_SE_CLAR_VNX_Sys_Stats.TotalIORate
Where equivalent:

Qualification: measure
Aggregate function: None
List of values: no
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Total Data Rate (Bytes/Sec)
Type: Number
Description: Total Bytes read and write transferred through the CLARiiON_VNX each second

Select equivalent:	SR_SE_CLAR_VNX_Sys_Stats.TotalDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Read I/O (Req/Sec)
Type:	Number
Description:	Read cache request rate (requests per second)
Select equivalent:	SR_SE_CLAR_VNX_Sys_Stats.ReadRate
Where equivalent:	
Qualification:	measure
Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Read Data Rate (Bytes/Sec)
Type:	Number
Description:	Read throughput rate
Select equivalent:	SR_SE_CLAR_VNX_Sys_Stats.ReadDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Read Hits (Req/Sec)
Type:	Number
Description:	Read Cache Hit Rate
Select equivalent:	SR_SE_CLAR_VNX_Sys_Stats.ReadHitRate
Where equivalent:	
Qualification:	measure

Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Write Hits (Req/Sec)
Type:	Number
Description:	Write Cache Hit Rate
Select equivalent:	SR_SE_CLAR_VNX_Sys_Stats.WriteHitRate
Where equivalent:	
Qualification:	measure
Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Write I/O (Req/Sec)
Type:	Number
Description:	Write cache request rate (requests per second)
Select equivalent:	SR_SE_CLAR_VNX_Sys_Stats.WriteRate
Where equivalent:	
Qualification:	measure
Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Write Data Rate (Bytes/Sec)
Type:	Number
Description:	Write Throughput Rate
Select equivalent:	SR_SE_CLAR_VNX_Sys_Stats.WriteDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort

Object status:	show

Object:	Average Read Size (Bytes)
Type:	Number
Description:	Average Read Size
Select equivalent:	SR_SE_CLAR_VNX_Sys_Stats.AvgReadSize
Where equivalent:	
Qualification:	measure
Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Write Size (Bytes)
Type:	Number
Description:	Average Write Size
Select equivalent:	SR_SE_CLAR_VNX_Sys_Stats.AvgWriteSize
Where equivalent:	
Qualification:	measure
Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average IO Response Time(Sec)
Type:	Number
Description:	Average input out Response Time
Select equivalent:	SR_SE_CLAR_VNX_Sys_Stats.AvgIOResponseTime
Where equivalent:	
Qualification:	measure
Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Queue Depth

Type:	Number
Description:	Average Queue Depth
Select equivalent:	SR_SE_CLAR_VNX_Sys_Stats.AvgQueueDepth
Where equivalent:	
Qualification:	measure
Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Class:	Hourly CLARiiON_VNX Storage System Perfor mance Statistics
Description:	

Object:	Maximum Total I/O Rate (Req/Sec)
Type:	Number
Description:	Maximum I/O Rate - includ es random reads and write s, but does not include se quential reads
Select equivalent:	SH_SE_CLAR_VNX_Storage_Stats.MAXTotalIORate
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Total I/O Rate (Req/Sec)
Type:	Number
Description:	Minimum I/O Rate - includ es random reads and write s, but does not include se quential reads
Select equivalent:	SH_SE_CLAR_VNX_Storage_Stats.MINTotalIORate
Where equivalent:	
Qualification:	measure
Aggregate function:	Min

List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Total I/O Rate (Req/Sec)
Type:	Number
Description:	Average I/O Rate - include s random reads and writes , but does not include seq uential reads
Select equivalent:	SH_SE_CLAR_VNX_Storage_Stats.AVGTotalIORate
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Total Data Rate (Bytes/Sec)
Type:	Number
Description:	Maximum Total Bytes read and write transferred thro ugh the Symmetrix each se cond
Select equivalent:	SH_SE_CLAR_VNX_Storage_Stats.MAXTotalDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Total Data Rate (Bytes/Sec)
Type:	Number
Description:	Minimum Total Bytes read and write transferred thro ugh the Symmetrix each se cond

Select equivalent:	SH_SE_CLAR_VNX_Storage_Stats.MINTotalDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Total Data Rate (Bytes/Sec)
Type:	Number
Description:	Average Total Bytes read and write transferred through the Symmetrix each second
Select equivalent:	SH_SE_CLAR_VNX_Storage_Stats.AVGTotalDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Read I/O (Req/Sec)
Type:	Number
Description:	Maximum Read cache request rate (requests per second)
Select equivalent:	SH_SE_CLAR_VNX_Storage_Stats.MAXReadRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Read I/O (Req/Sec)
Type:	Number
Description:	Minimum Read cache request rate (requests per second)
Select equivalent:	SH_SE_CLAR_VNX_Storage_Stats.MINReadRate

Where equivalent:

Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Read I/O (Req/Sec)
Type:	Number
Description:	Average Read cache request rate (requests per second)
Select equivalent:	SH_SE_CLAR_VNX_Storage_Stats.AVGReadRate
Where equivalent:	

Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Write I/O (Req/Sec)
Type:	Number
Description:	Maximum Write cache request rate (requests per second)
Select equivalent:	SH_SE_CLAR_VNX_Storage_Stats.MAXWriteRate
Where equivalent:	

Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Write I/O (Req/Sec)
Type:	Number
Description:	Minimum Write cache request rate (requests per second)
Select equivalent:	SH_SE_CLAR_VNX_Storage_Stats.MINWriteRate
Where equivalent:	

Qualification:	measure
Aggregate function:	Min

List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Write I/O (Req/Sec)
Type:	Number
Description:	Average Write cache request rate (requests per second)
Select equivalent:	SH_SE_CLAR_VNX_Storage_Stats.AVGWriteRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Read Hits (Req/Sec)
Type:	Number
Description:	Maximum Read Cache Hit Rate
Select equivalent:	SH_SE_CLAR_VNX_Storage_Stats.MAXReadHitRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Read Hits (Req/Sec)
Type:	Number
Description:	Minimum Read Cache Hit Rate
Select equivalent:	SH_SE_CLAR_VNX_Storage_Stats.MINReadHitRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Read Hits (Req/Sec)
Type:	Number
Description:	Average Read Cache Hit Rate
Select equivalent:	SH_SE_CLAR_VNX_Storage_Stats.AVGReadHitRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Write Hits (Req/Sec)
Type:	Number
Description:	Maximum Write Cache Hit Rate
Select equivalent:	SH_SE_CLAR_VNX_Storage_Stats.MAXWriteHitRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Write Hits (Req/Sec)
Type:	Number
Description:	Minimum Write Cache Hit Rate
Select equivalent:	SH_SE_CLAR_VNX_Storage_Stats.MINWriteHitRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Write Hits (Req/Sec)
Type:	Number

Description:	Average Write Cache Hit Rate
Select equivalent:	SH_SE_CLAR_VNX_Storage_Stats.AVGWriteHitRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Read Data Rate (Bytes/Sec)
Type:	Number
Description:	Maximum Read throughput rate
Select equivalent:	SH_SE_CLAR_VNX_Storage_Stats.MAXReadDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Read Data Rate (Bytes/Sec)
Type:	Number
Description:	Minimum Read throughput rate
Select equivalent:	SH_SE_CLAR_VNX_Storage_Stats.MINReadDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Read Data Rate (Bytes/Sec)
Type:	Number
Description:	Average Read throughput rate
Select equivalent:	SH_SE_CLAR_VNX_Storage_Stats.AVGReadDataRate
Where equivalent:	

Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Write Data Rate (Bytes/Sec)
Type:	Number
Description:	Maximum Write Throughput Rate
Select equivalent:	SH_SE_CLAR_VNX_Storage_Stats.MAXWriteDataRate
Where equivalent:	

Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Write Data Rate (Bytes/Sec)
Type:	Number
Description:	Minimum Write Throughput Rate
Select equivalent:	SH_SE_CLAR_VNX_Storage_Stats.MINWriteDataRate
Where equivalent:	

Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Write Data Rate (Bytes/Sec)
Type:	Number
Description:	Average Write Throughput Rate
Select equivalent:	SH_SE_CLAR_VNX_Storage_Stats.AVGWriteDataRate
Where equivalent:	

Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0

Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average IO Response Time (Sec)
Type:	Number
Description:	Maximum Average input out Response Time
Select equivalent:	SH_SE_CLAR_VNX_Storage_Stats.MAXAvgIOResponseTime
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average IO Response Time (Sec)
Type:	Number
Description:	Minimum Average input out Response Time
Select equivalent:	SH_SE_CLAR_VNX_Storage_Stats.MINAvgIOResponseTime
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average Queue Depth
Type:	Number
Description:	Maximum Average Queue Depth
Select equivalent:	SH_SE_CLAR_VNX_Storage_Stats.MAXAvgQueueDepth
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average Queue Depth
Type:	Number
Description:	Minimum Average Queue Depth
Select equivalent:	SH_SE_CLAR_VNX_Storage_Stats.MINAvgQueueDepth
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average Read Size (Bytes)
Type:	Number
Description:	Maximum Average Read Size
Select equivalent:	SH_SE_CLAR_VNX_Storage_Stats.MAXAvgReadSize
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average Read Size (Bytes)
Type:	Number
Description:	Minimum Average Read Size
Select equivalent:	SH_SE_CLAR_VNX_Storage_Stats.MINAvgReadSize
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average Write Size (Bytes)
Type:	Number
Description:	Maximum Average Write Size
Select equivalent:	SH_SE_CLAR_VNX_Storage_Stats.MAXAvgWriteSize

Where equivalent:

Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average Write Size (Bytes)
Type:	Number
Description:	Minimum Average Write Size
Select equivalent:	SH_SE_CLAR_VNX_Storage_Stats.MINAvgWriteSize
Where equivalent:	

Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Class:	Daily CLARiiON_VNX St orage System Performa nce Statistics
Description:	

Object:	Maximum Total I/O Rate (Req/Sec)
Type:	Number
Description:	Maximum I/O Rate - includ es random reads and write s, but does not include se quential reads
Select equivalent:	SD_SE_CLAR_VNX_Storage_Stats.MAXTotalIORate
Where equivalent:	

Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Total I/O Rate (Req/Sec)
Type:	Number
Description:	Minimum I/O Rate - includ es random reads and write s, but does not include se quential reads
Select equivalent:	SD_SE_CLAR_VNX_Storage_Stats.MINTotalIORate
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Total I/O Rate (Req/Sec)
Type:	Number
Description:	Average I/O Rate - include s random reads and writes , but does not include seq uential reads
Select equivalent:	SD_SE_CLAR_VNX_Storage_Stats.AVGTotalIORate
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Total Data Rate (Bytes/Sec)
Type:	Number
Description:	Maximum Total Bytes read and write transferred thro ugh the Symmetrix each se cond
Select equivalent:	SD_SE_CLAR_VNX_Storage_Stats.MAXTotalDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no

Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Total Data Rate (Bytes/Sec)
Type:	Number
Description:	Minimum Total Bytes read and write transferred through the Symmetrix each second
Select equivalent:	SD_SE_CLAR_VNX_Storage_Stats.MINTotalDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Total Data Rate (Bytes/Sec)
Type:	Number
Description:	Average Total Bytes read and write transferred through the Symmetrix each second
Select equivalent:	SD_SE_CLAR_VNX_Storage_Stats.AVGTotalDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Read I/O (Req/Sec)
Type:	Number
Description:	Maximum Read cache request rate (requests per second)
Select equivalent:	SD_SE_CLAR_VNX_Storage_Stats.MAXReadRate
Where equivalent:	
Qualification:	measure

Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Read I/O (Req/Sec)
Type:	Number
Description:	Minimum Read cache request rate (requests per second)
Select equivalent:	SD_SE_CLAR_VNX_Storage_Stats.MINReadRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Read I/O (Req/Sec)
Type:	Number
Description:	Average Read cache request rate (requests per second)
Select equivalent:	SD_SE_CLAR_VNX_Storage_Stats.AVGReadRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Write I/O (Req/Sec)
Type:	Number
Description:	Maximum Write cache request rate (requests per second)
Select equivalent:	SD_SE_CLAR_VNX_Storage_Stats.MAXWriteRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort

Object status:	show

Object:	Minimum Write I/O (Req/Sec)
Type:	Number
Description:	Minimum Write cache request rate (requests per second)
Select equivalent:	SD_SE_CLAR_VNX_Storage_Stats.MINWriteRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Write I/O (Req/Sec)
Type:	Number
Description:	Average Write cache request rate (requests per second)
Select equivalent:	SD_SE_CLAR_VNX_Storage_Stats.AVGWriteRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Read Hits (Req/Sec)
Type:	Number
Description:	Maximum Read Cache Hit Rate
Select equivalent:	SD_SE_CLAR_VNX_Storage_Stats.MAXReadHitRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Read Hits (Req/Sec)

Type:	Number
Description:	Minimum Read Cache Hit Rate
Select equivalent:	SD_SE_CLAR_VNX_Storage_Stats.MINReadHitRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Read Hits (Req/Sec)
Type:	Number
Description:	Average Read Cache Hit Rate
Select equivalent:	SD_SE_CLAR_VNX_Storage_Stats.AVGReadHitRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Write Hits (Req/Sec)
Type:	Number
Description:	Maximum Write Cache Hit Rate
Select equivalent:	SD_SE_CLAR_VNX_Storage_Stats.MAXWriteHitRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Write Hits (Req/Sec)
Type:	Number
Description:	Minimum Write Cache Hit Rate
Select equivalent:	SD_SE_CLAR_VNX_Storage_Stats.MINWriteHitRate
Where equivalent:	

Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Write Hits (Req/Sec)
Type:	Number
Description:	Average Write Cache Hit Rate
Select equivalent:	SD_SE_CLAR_VNX_Storage_Stats.AVGWriteHitRate
Where equivalent:	

Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Read Data Rate (Bytes/Sec)
Type:	Number
Description:	Maximum Read throughput rate
Select equivalent:	SD_SE_CLAR_VNX_Storage_Stats.MAXReadDataRate
Where equivalent:	

Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Read Data Rate (Bytes/Sec)
Type:	Number
Description:	Minimum Read throughput rate
Select equivalent:	SD_SE_CLAR_VNX_Storage_Stats.MINReadDataRate
Where equivalent:	

Qualification:	measure
Aggregate function:	Min
List of values:	no

Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Read Data Rate (Bytes/Sec)
Type:	Number
Description:	Average Read throughput rate
Select equivalent:	SD_SE_CLAR_VNX_Storage_Stats.AVGReadDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Write Data Rate (Bytes/Sec)
Type:	Number
Description:	Maximum Write Throughput Rate
Select equivalent:	SD_SE_CLAR_VNX_Storage_Stats.MAXWriteDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Write Data Rate (Bytes/Sec)
Type:	Number
Description:	Minimum Write Throughput Rate
Select equivalent:	SD_SE_CLAR_VNX_Storage_Stats.MINWriteDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Write Data Rate (Bytes/Sec)
Type:	Number
Description:	Average Write Throughput Rate
Select equivalent:	SD_SE_CLAR_VNX_Storage_Stats.AVGWriteDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average IO Response Time (Sec)
Type:	Number
Description:	Maximum Average input out Response Time
Select equivalent:	SD_SE_CLAR_VNX_Storage_Stats.MAXAvgIOResponseTime
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average IO Response Time (Sec)
Type:	Number
Description:	Minimum Average input out Response Time
Select equivalent:	SD_SE_CLAR_VNX_Storage_Stats.MINAvgIOResponseTime
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average Queue Depth
Type:	Number
Description:	Maximum Average Queue Depth

Select equivalent:	SD_SE_CLAR_VNX_Storage_Stats.MAXAvgQueueDepth
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average Queue Depth
Type:	Number
Description:	Minimum Average Queue Depth
Select equivalent:	SD_SE_CLAR_VNX_Storage_Stats.MINAvgQueueDepth
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average Read Size (Bytes)
Type:	Number
Description:	Maximum Average Read Size
Select equivalent:	SD_SE_CLAR_VNX_Storage_Stats.MAXAvgReadSize
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average Read Size (Bytes)
Type:	Number
Description:	Minimum Average Read Size
Select equivalent:	SD_SE_CLAR_VNX_Storage_Stats.MINAvgReadSize
Where equivalent:	
Qualification:	measure

Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average Write Size (Bytes)
Type:	Number
Description:	Maximum Average Write Size
Select equivalent:	SD_SE_CLAR_VNX_Storage_Stats.MAXAvgWriteSize
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average Write Size (Bytes)
Type:	Number
Description:	Minimum Average Write Size
Select equivalent:	SD_SE_CLAR_VNX_Storage_Stats.MINAvgWriteSize
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Class:	HourlyOLAP-CLARiiON_ VNX Storage System P erformance Statistics
Description:	

Object:	Maximum Total I/O Rate (Req/Sec)
Type:	Number
Description:	Maximum I/O Rate - includ es random reads and write s, but does not include se quential reads

Select equivalent:	max(SH_SE_CLAR_VNX_Storage_Stats.MAXTotalIORate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Total I/O Rate (Req/Sec)
Type:	Number
Description:	Minimum I/O Rate - includ es random reads and write s, but does not include se quential reads
Select equivalent:	min(SH_SE_CLAR_VNX_Storage_Stats.MINTotalIORate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Total I/O Rate (Req/Sec)
Type:	Number
Description:	Average I/O Rate - include s random reads and writes , but does not include seq uential reads
Select equivalent:	avg(SH_SE_CLAR_VNX_Storage_Stats.AVGTotalIORate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object: Maximum Total Data Rate (Bytes/Sec)

Type:	Number
Description:	Maximum Total Bytes read and write transferred through the Symmetrix each second
Select equivalent:	max(SH_SE_CLAR_VNX_Storage_Stats.MAXTotalDataRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Total Data Rate (Bytes/Sec)
Type:	Number
Description:	Minimum Total Bytes read and write transferred through the Symmetrix each second
Select equivalent:	min(SH_SE_CLAR_VNX_Storage_Stats.MINTotalDataRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Total Data Rate (Bytes/Sec)
Type:	Number
Description:	Average Total Bytes read and write transferred through the Symmetrix each second
Select equivalent:	avg(SH_SE_CLAR_VNX_Storage_Stats.AVGTotalDataRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0

Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Read I/O (Req/Sec)
Type:	Number
Description:	Maximum Read cache request rate (requests per second)
Select equivalent:	max(SH_SE_CLAR_VNX_Storage_Stats.MAXReadRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Read I/O (Req/Sec)
Type:	Number
Description:	Minimum Read cache request rate (requests per second)
Select equivalent:	min(SH_SE_CLAR_VNX_Storage_Stats.MINReadRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Read I/O (Req/Sec)
Type:	Number
Description:	Average Read cache request rate (requests per second)
Select equivalent:	avg(SH_SE_CLAR_VNX_Storage_Stats.AVGReadRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Write I/O (Req/Sec)
Type:	Number
Description:	Maximum Write cache request rate (requests per second)
Select equivalent:	max(SH_SE_CLAR_VNX_Storage_Stats.MAXWriteRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Write I/O (Req/Sec)
Type:	Number
Description:	Minimum Write cache request rate (requests per second)
Select equivalent:	min(SH_SE_CLAR_VNX_Storage_Stats.MINWriteRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Write I/O (Req/Sec)
Type:	Number
Description:	Average Write cache request rate (requests per second)
Select equivalent:	avg(SH_SE_CLAR_VNX_Storage_Stats.AVGWriteRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Read Hits (Req/Sec)
Type:	Number
Description:	Maximum Read Cache Hit Rate
Select equivalent:	max(SH_SE_CLAR_VNX_Storage_Stats.MAXReadHitRate)

Where equivalent:

Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Read Hits (Req/Sec)
Type:	Number
Description:	Minimum Read Cache Hit Rate
Select equivalent:	min(SH_SE_CLAR_VNX_Storage_Stats.MINReadHitRate)
Where equivalent:	

Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Read Hits (Req/Sec)
Type:	Number
Description:	Average Read Cache Hit Rate
Select equivalent:	avg(SH_SE_CLAR_VNX_Storage_Stats.AVGReadHitRate)
Where equivalent:	

Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Write Hits (Req/Sec)
Type:	Number
Description:	Maximum Write Cache Hit Rate
Select equivalent:	max(SH_SE_CLAR_VNX_Storage_Stats.MAXWriteHitRate)
Where equivalent:	

Qualification:	measure
Aggregate function:	Max

List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Write Hits (Req/Sec)
Type:	Number
Description:	Minimum Write Cache Hit Rate
Select equivalent:	min(SH_SE_CLAR_VNX_Storage_Stats.MINWriteHitRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Write Hits (Req/Sec)
Type:	Number
Description:	Average Write Cache Hit Rate
Select equivalent:	avg(SH_SE_CLAR_VNX_Storage_Stats.AVGWriteHitRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Read Data Rate (Bytes/Sec)
Type:	Number
Description:	Maximum Read throughput rate
Select equivalent:	max(SH_SE_CLAR_VNX_Storage_Stats.MAXReadDataRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Read Data Rate (Bytes/Sec)
Type:	Number
Description:	Minimum Read throughput rate
Select equivalent:	min(SH_SE_CLAR_VNX_Storage_Stats.MINReadDataRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Read Data Rate (Bytes/Sec)
Type:	Number
Description:	Average Read throughput rate
Select equivalent:	avg(SH_SE_CLAR_VNX_Storage_Stats.AVGReadDataRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Write Data Rate (Bytes/Sec)
Type:	Number
Description:	Maximum Write Throughput Rate
Select equivalent:	max(SH_SE_CLAR_VNX_Storage_Stats.MAXWriteDataRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Write Data Rate (Bytes/Sec)
Type:	Number

Description:	Minimum Write Throughput Rate
Select equivalent:	min(SH_SE_CLAR_VNX_Storage_Stats.MINWriteDataRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Write Data Rate (Bytes/Sec)
Type:	Number
Description:	Average Write Throughput Rate
Select equivalent:	avg(SH_SE_CLAR_VNX_Storage_Stats.AVGWriteDataRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average IO Response Time (Sec)
Type:	Number
Description:	Maximum Average input out Response Time
Select equivalent:	max(SH_SE_CLAR_VNX_Storage_Stats.MAXAvgIOResponseTime)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average IO Response Time (Sec)
Type:	Number
Description:	Minimum Average input out Response Time
Select equivalent:	min(SH_SE_CLAR_VNX_Storage_Stats.MINAvgIOResponseTime)
Where equivalent:	

Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average Queue Depth
Type:	Number
Description:	Maximum Average Queue Depth
Select equivalent:	max(SH_SE_CLAR_VNX_Storage_Stats.MAXAvgQueueDepth)
Where equivalent:	

Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average Queue Depth
Type:	Number
Description:	Minimum Average Queue Depth
Select equivalent:	min(SH_SE_CLAR_VNX_Storage_Stats.MINAvgQueueDepth)
Where equivalent:	

Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average Read Size (Bytes)
Type:	Number
Description:	Maximum Average Read Size
Select equivalent:	max(SH_SE_CLAR_VNX_Storage_Stats.MAXAvgReadSize)
Where equivalent:	

Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0

Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average Read Size (Bytes)
Type:	Number
Description:	Minimum Average Read Size
Select equivalent:	min(SH_SE_CLAR_VNX_Storage_Stats.MINAvgReadSize)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average Write Size (Bytes)
Type:	Number
Description:	Maximum Average Write Size
Select equivalent:	max(SH_SE_CLAR_VNX_Storage_Stats.MAXAvgWriteSize)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average Write Size (Bytes)
Type:	Number
Description:	Minimum Average Write Size
Select equivalent:	min(SH_SE_CLAR_VNX_Storage_Stats.MINAvgWriteSize)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Class: DailyOLAP-CLARiiON_V

NX Storage System Per
formance Statistics

Description:

Object:	Maximum Total I/O Rate (Req/Sec)
Type:	Number
Description:	Maximum I/O Rate - includ es random reads and write s, but does not include se quential reads
Select equivalent:	max(SD_SE_CLAR_VNX_Storage_Stats.MAXTotalIORate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Total I/O Rate (Req/Sec)
Type:	Number
Description:	Minimum I/O Rate - includ es random reads and write s, but does not include se quential reads
Select equivalent:	min(SD_SE_CLAR_VNX_Storage_Stats.MINTotalIORate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Total I/O Rate (Req/Sec)
Type:	Number
Description:	Average I/O Rate - include s random reads and writes , but does not include seq uential reads
Select equivalent:	avg(SD_SE_CLAR_VNX_Storage_Stats.AVGTotalIORate)

Where equivalent:

Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Total Data Rate (Bytes/Sec)
Type:	Number
Description:	Maximum Total Bytes read and write transferred thro ugh the Symmetrix each se cond
Select equivalent:	max(SD_SE_CLAR_VNX_Storage_Stats.MAXTotalDataRate)
Where equivalent:	

Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Total Data Rate (Bytes/Sec)
Type:	Number
Description:	Minimum Total Bytes read and write transferred thro ugh the Symmetrix each se cond
Select equivalent:	min(SD_SE_CLAR_VNX_Storage_Stats.MINTotalDataRate)
Where equivalent:	

Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Total Data Rate (Bytes/Sec)
Type:	Number

Description:	Average Total Bytes read and write transferred through the Symmetrix each second
Select equivalent:	avg(SD_SE_CLAR_VNX_Storage_Stats.AVGTotalDataRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Read I/O (Req/Sec)
Type:	Number
Description:	Maximum Read cache request rate (requests per second)
Select equivalent:	max(SD_SE_CLAR_VNX_Storage_Stats.MAXReadRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Read I/O (Req/Sec)
Type:	Number
Description:	Minimum Read cache request rate (requests per second)
Select equivalent:	min(SD_SE_CLAR_VNX_Storage_Stats.MINReadRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Read I/O (Req/Sec)
Type:	Number
Description:	Average Read cache request rate (requests per second)

Select equivalent:	avg(SD_SE_CLAR_VNX_Storage_Stats.AVGReadRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Write I/O (Req/Sec)
Type:	Number
Description:	Maximum Write cache request rate (requests per second)
Select equivalent:	max(SD_SE_CLAR_VNX_Storage_Stats.MAXWriteRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Write I/O (Req/Sec)
Type:	Number
Description:	Minimum Write cache request rate (requests per second)
Select equivalent:	min(SD_SE_CLAR_VNX_Storage_Stats.MINWriteRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Write I/O (Req/Sec)
Type:	Number
Description:	Average Write cache request rate (requests per second)
Select equivalent:	avg(SD_SE_CLAR_VNX_Storage_Stats.AVGWriteRate)
Where equivalent:	
Qualification:	measure

Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Read Hits (Req/Sec)
Type:	Number
Description:	Maximum Read Cache Hit Rate
Select equivalent:	max(SD_SE_CLAR_VNX_Storage_Stats.MAXReadHitRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Read Hits (Req/Sec)
Type:	Number
Description:	Minimum Read Cache Hit Rate
Select equivalent:	min(SD_SE_CLAR_VNX_Storage_Stats.MINReadHitRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Read Hits (Req/Sec)
Type:	Number
Description:	Average Read Cache Hit Rate
Select equivalent:	avg(SD_SE_CLAR_VNX_Storage_Stats.AVGReadHitRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort

Object status: show

Object: Maximum Write Hits (Req/Sec)
Type: Number
Description: Maximum Write Cache Hit Rate
Select equivalent: max(SD_SE_CLAR_VNX_Storage_Stats.MAXWriteHitRate)
Where equivalent:

Qualification: measure
Aggregate function: Max
List of values: no
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Minimum Write Hits (Req/Sec)
Type: Number
Description: Minimum Write Cache Hit Rate
Select equivalent: min(SD_SE_CLAR_VNX_Storage_Stats.MINWriteHitRate)
Where equivalent:

Qualification: measure
Aggregate function: Min
List of values: no
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Average Write Hits (Req/Sec)
Type: Number
Description: Average Write Cache Hit Rate
Select equivalent: avg(SD_SE_CLAR_VNX_Storage_Stats.AVGWriteHitRate)
Where equivalent:

Qualification: measure
Aggregate function: Average
List of values: no
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Maximum Read Data Rate (Bytes/Sec)

Type:	Number
Description:	Maximum Read throughput rate
Select equivalent:	max(SD_SE_CLAR_VNX_Storage_Stats.MAXReadDataRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Read Data Rate (Bytes/Sec)
Type:	Number
Description:	Minimum Read throughput rate
Select equivalent:	min(SD_SE_CLAR_VNX_Storage_Stats.MINReadDataRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Read Data Rate (Bytes/Sec)
Type:	Number
Description:	Average Read throughput rate
Select equivalent:	avg(SD_SE_CLAR_VNX_Storage_Stats.AVGReadDataRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Write Data Rate (Bytes/Sec)
Type:	Number
Description:	Maximum Write Throughput Rate
Select equivalent:	max(SD_SE_CLAR_VNX_Storage_Stats.MAXWriteDataRate)
Where equivalent:	

Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Write Data Rate (Bytes/Sec)
Type:	Number
Description:	Minimum Write Throughput Rate
Select equivalent:	min(SD_SE_CLAR_VNX_Storage_Stats.MINWriteDataRate)
Where equivalent:	

Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Write Data Rate (Bytes/Sec)
Type:	Number
Description:	Average Write Throughput Rate
Select equivalent:	avg(SD_SE_CLAR_VNX_Storage_Stats.AVGWriteDataRate)
Where equivalent:	

Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average IO Response Time (Sec)
Type:	Number
Description:	Maximum Average input out Response Time
Select equivalent:	max(SD_SE_CLAR_VNX_Storage_Stats.MAXAvgIOResponseTime)
Where equivalent:	

Qualification:	measure
Aggregate function:	Max
List of values:	no

Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average IO Response Time (Sec)
Type:	Number
Description:	Minimum Average input out Response Time
Select equivalent:	min(SD_SE_CLAR_VNX_Storage_Stats.MINAvgIOResponseTime)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average Queue Depth
Type:	Number
Description:	Maximum Average Queue Depth
Select equivalent:	max(SD_SE_CLAR_VNX_Storage_Stats.MAXAvgQueueDepth)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average Queue Depth
Type:	Number
Description:	Minimum Average Queue Depth
Select equivalent:	min(SD_SE_CLAR_VNX_Storage_Stats.MINAvgQueueDepth)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average Read Size (Bytes)
Type:	Number
Description:	Maximum Average Read Size
Select equivalent:	max(SD_SE_CLAR_VNX_Storage_Stats.MAXAvgReadSize)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average Read Size (Bytes)
Type:	Number
Description:	Minimum Average Read Size
Select equivalent:	min(SD_SE_CLAR_VNX_Storage_Stats.MINAvgReadSize)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average Write Size (Bytes)
Type:	Number
Description:	Maximum Average Write Size
Select equivalent:	max(SD_SE_CLAR_VNX_Storage_Stats.MAXAvgWriteSize)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average Write Size (Bytes)
Type:	Number
Description:	Minimum Average Write Size

Select equivalent:	min(SD_SE_CLAR_VNX_Storage_Stats.MINAvgWriteSize)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Class:	EMC CLARiiON_VNX Storage Volume Performance Statistics
Description:	EMC CLARiiON_VNX Storage Volume Performance Statistics

No objects

Class:	CLARiiON_VNX Storage Volume(EMC CLARiiON_VNX Storage Volume Performance Statistics)
Description:	

Object:	SOM Source Name
Type:	Character
Description:	Name of the source SOM server
Select equivalent:	K_SE_StorageSystem.SEiSourceName
Where equivalent:	
Qualification:	dimension
List of values:	063, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Tenant Name
Type:	Character
Description:	Tenant Name
Select equivalent:	K_SE_StorageSystem.TenantName
Where equivalent:	
Qualification:	dimension

List of values: 064, editable, manual refresh, not exportable
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Vendor
Type: Character
Description: Storage system vendor name
Select equivalent: K_SE_StorageSystem.Vendor
Where equivalent:

Qualification: dimension
List of values: 065, editable, manual refresh, not exportable
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Model
Type: Character
Description: Storage System Model Number
Select equivalent: K_SE_StorageSystem.Model
Where equivalent:

Qualification: dimension
List of values: 066, editable, manual refresh, not exportable
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Storage System Name
Type: Character
Description: Name of the Storage System
Select equivalent: K_SE_StorageSystem.StorageSystemName
Where equivalent:

Qualification: dimension
List of values: 067, editable, manual refresh, not exportable
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Storage System Description

Type:	Character
Description:	Description about Storage System
Select equivalent:	K_SE_StorageSystem.Description
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	068, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Storage System Discovery Status
Type:	Character
Description:	The discovery status of th e storage system such as CREATED, CONTACTED, MISS ING, GENERIC
Select equivalent:	K_SE_StorageSystem.DiscoveryStatus
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	069, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Storage System IP Address
Type:	Character
Description:	IP Address of the Storage System
Select equivalent:	K_SE_StorageSystem.IPAddress
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	06a, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Storage System DNS
Type:	Character

Description:	DNS name of the Storage System
Select equivalent:	K_SE_StorageSystem.DNSName
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	06b, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Storage System WWN
Type:	Character
Description:	World Wide Number of the Storage System
Select equivalent:	K_SE_StorageSystem.WWN
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	06c, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Storage System SerialNumber
Type:	Character
Description:	Serial Number of the Storage System
Select equivalent:	K_SE_StorageSystem.SerialNumber
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	06d, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Storage System Status
Type:	Character
Description:	Operational status of the Storage System
Select equivalent:	K_SE_StorageSystem.StorageSystemStatus
Where equivalent:	

Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	06e, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Has Reset Capability?
Type:	Character
Description:	Has Reset Capability (flag)
Select equivalent:	K_SE_StorageSystem.HasResetCapability
Where equivalent:	

Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	06f, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Has Advanced Retention Management?
Type:	Character
Description:	Has Advanced Retention Management (flag)
Select equivalent:	K_SE_StorageSystem.HasAdvRetentionMgmt
Where equivalent:	

Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	06g, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Cache Block Size
Type:	Number
Description:	Cache Block Size
Select equivalent:	K_SE_StorageSystem.CacheBlockSize
Where equivalent:	

Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	06h, editable, manual refresh, not exportable
Security access level:	0

Can be used:	in result, in condition, in sort
Object status:	show

Object:	Has Compliance Mode?
Type:	Character
Description:	Has Compliance Mode (flag)
Select equivalent:	K_SE_StorageSystem.HasComplianceMode
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	06i, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Domain
Type:	Character
Description:	Domain of the Storage System
Select equivalent:	K_SE_StorageSystem.Domain
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	06j, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Over Subscribed Capacity
Type:	Character
Description:	Over Subscribed Capacity
Select equivalent:	K_SE_StorageSystem.OverSubscribedCapacity
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	06k, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Requested Capacity
Type:	Character
Description:	Requested Capacity
Select equivalent:	K_SE_StorageSystem.RequestedCapacity
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	06l, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Is Manageable?
Type:	Character
Description:	Is Manageable
Select equivalent:	K_SE_StorageSystem.IsManageable
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	06m, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Volume Name Length
Type:	Character
Description:	Maximum allowed length for Volume Names
Select equivalent:	K_SE_StorageSystem.MaxVolumeNameLength
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	06n, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Replication IP
Type:	Character
Description:	Replication IP Address of the Storage System
Select equivalent:	K_SE_StorageSystem.ReplicationIP

Where equivalent:

Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	06o, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Replication Pools
Type:	Character
Description:	Replication Pools of the Storage System
Select equivalent:	K_SE_StorageSystem.ReplicationPools
Where equivalent:	

Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	06p, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Replication Status
Type:	Character
Description:	Replication Status of the Storage System
Select equivalent:	K_SE_StorageSystem.ReplicationStatus
Where equivalent:	

Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	06q, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Storage On Access
Type:	Character
Description:	Storage On Access (flag)
Select equivalent:	K_SE_StorageSystem.StorageOnAccess
Where equivalent:	

Qualification:	detail
Associated dimension name:	Storage System Name

List of values:	06r, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Business Cost
Type:	Number
Description:	Business Cost of the Storage System
Select equivalent:	K_SE_StorageSystem.BusinessCost
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	06s, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	DKC Microcode Version
Type:	Character
Description:	DKC Microcode Version of the Storage System
Select equivalent:	K_SE_StorageSystem.DKCMicrocodeVersion
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	06t, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Family
Type:	Character
Description:	Family of the Storage System
Select equivalent:	K_SE_StorageSystem.Family
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	06u, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Hardware Version
Type:	Character
Description:	Hardware Version of the Storage System
Select equivalent:	K_SE_StorageSystem.HardwareVersion
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	06v, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Identifying Descriptions
Type:	Character
Description:	Identifying Descriptions for the Storage System
Select equivalent:	K_SE_StorageSystem.IdentifyingDescriptions
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	06w, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Other Identifying Info
Type:	Character
Description:	Other Identifying Info for the Storage System
Select equivalent:	K_SE_StorageSystem.OtherIdentifyingInfo
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	06x, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Provider Tag
Type:	Character

Description:	Provider Tag of the Storage System
Select equivalent:	K_SE_StorageSystem.ProviderTag
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	06y, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Parent Name
Type:	Character
Description:	Parent Name for a File System Node/Virtual Server
Select equivalent:	K_SE_StorageSystem.ParentName
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	070, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Parent UUID
Type:	Character
Description:	Parent UUID for a File System Node/Virtual Server
Select equivalent:	K_SE_StorageSystem.ParentUUID
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	071, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Power Management
Type:	Character
Description:	Power Management
Select equivalent:	K_SE_StorageSystem.PowerManagement
Where equivalent:	

Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	072, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Roles
Type:	Character
Description:	Roles of the Storage System
Select equivalent:	K_SE_StorageSystem.Roles
Where equivalent:	

Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	073, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Primary Owner Name
Type:	Character
Description:	Primary Owner Name of Storage System
Select equivalent:	K_SE_StorageSystem.PrimaryOwnerName
Where equivalent:	

Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	074, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Primary Owner Contact
Type:	Character
Description:	Primary Owner Contact of Storage System
Select equivalent:	K_SE_StorageSystem.PrimaryOwnerContact
Where equivalent:	

Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	075, editable, manual refresh, not exportable
Security access level:	0

Can be used:	in result, in condition, in sort
Object status:	show

Object:	Last Contacted Timestamp
Type:	Date
Description:	Shows the time stamp of w hen the storage system wa s last contacted
Select equivalent:	K_SE_StorageSystem.LastContactedTimestamp
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	076, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Management URL
Type:	Character
Description:	Management URL of the Storage System
Select equivalent:	K_SE_StorageSystem.ManagementURL
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	077, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Custom Name
Type:	Character
Description:	Custom Name of the Storage System
Select equivalent:	K_SE_StorageSystem.CustomName
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	078, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Object Type
Type:	Character
Description:	Object Type
Select equivalent:	K_SE_StorageSystem.ObjectType
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	079, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Block Pool Name
Type:	Character
Description:	Block Pool Name
Select equivalent:	K_SE_Storage_Pool.SANPoolName
Where equivalent:	
Qualification:	dimension
List of values:	07a, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Block Pool Description
Type:	Character
Description:	Description about Block Pool
Select equivalent:	K_SE_Storage_Pool.SANPoolDescription
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Pool Name
List of values:	07b, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Parent Pool Name
Type:	Character
Description:	Parent Pool Name

Select equivalent:	K_SE_Storage_Pool.ParentPoolName
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Pool Name
List of values:	07c, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Total Available Space (GB)
Type:	Number
Description:	Total Available Space in GB
Select equivalent:	K_SE_Storage_Pool.TotalAvailableSpaceGB
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Pool Name
List of values:	07d, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Total Available Space (GiB)
Type:	Number
Description:	Total Available Space in GiB
Select equivalent:	K_SE_Storage_Pool.TotalAvailableSpaceGiB
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Pool Name
List of values:	07e, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Storage Capability Name
Type:	Character
Description:	Storage Capability Name
Select equivalent:	K_SE_Storage_Pool.StorageCapabilityName
Where equivalent:	
Qualification:	detail

Associated dimension name:	Block Pool Name
List of values:	07f, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Storage Capability Common Name
Type:	Character
Description:	Storage Capability Common Name
Select equivalent:	K_SE_Storage_Pool.StorageCapabilityCommonName
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Pool Name
List of values:	07g, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Storage Capability Description
Type:	Character
Description:	Storage Capability Description
Select equivalent:	K_SE_Storage_Pool.StorageCapabilityDescription
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Pool Name
List of values:	07h, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	No Single Point Of Failure
Type:	Character
Description:	No Single Point Of Failure
Select equivalent:	K_SE_Storage_Pool.NoSinglePtOfFailure
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Pool Name
List of values:	07i, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort

Object status: show

Object: Default No Single Point Of Failure
Type: Character
Description: Default No Single Point Of Failure
Select equivalent: K_SE_Storage_Pool.DefaultNoSinglePtOfFailure
Where equivalent:

Qualification: detail
Associated dimension name: Block Pool Name
List of values: 07j, editable, manual refresh, not exportable
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Min Data Redundancy
Type: Number
Description: Minimum Data Redundancy
Select equivalent: K_SE_Storage_Pool.MinDataRedundancy
Where equivalent:

Qualification: detail
Associated dimension name: Block Pool Name
List of values: 07k, editable, manual refresh, not exportable
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Max Data Redundancy
Type: Number
Description: Maximum Data Redundancy
Select equivalent: K_SE_Storage_Pool.MaxDataRedundancy
Where equivalent:

Qualification: detail
Associated dimension name: Block Pool Name
List of values: 07l, editable, manual refresh, not exportable
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Default Data Redundancy

Type:	Number
Description:	Default Data Redundancy
Select equivalent:	K_SE_Storage_Pool.DefaultDataRedundancy
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Pool Name
List of values:	07m, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Min Spindle Redundancy
Type:	Number
Description:	Minimum Spindle Redundancy
Select equivalent:	K_SE_Storage_Pool.MinSpindleRedundancy
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Pool Name
List of values:	07n, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Max Spindle Redundancy
Type:	Number
Description:	Maximum Spindle Redundancy
Select equivalent:	K_SE_Storage_Pool.MaxSpindleRedundancy
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Pool Name
List of values:	07o, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Default Spindle Redundancy
Type:	Number
Description:	Default Spindle Redundancy
Select equivalent:	K_SE_Storage_Pool.DefaultSpindleRedundancy
Where equivalent:	

Qualification:	detail
Associated dimension name:	Block Pool Name
List of values:	07p, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Min Delta Reservation
Type:	Number
Description:	Minimum Delta Reservation
Select equivalent:	K_SE_Storage_Pool.MinDeltaReservation
Where equivalent:	

Qualification:	detail
Associated dimension name:	Block Pool Name
List of values:	07q, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Max Delta Reservation
Type:	Number
Description:	Maximum Delta Reservation
Select equivalent:	K_SE_Storage_Pool.MaxDeltaReservation
Where equivalent:	

Qualification:	detail
Associated dimension name:	Block Pool Name
List of values:	07r, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Default Delta Reservation
Type:	Number
Description:	Default Delta Reservation
Select equivalent:	K_SE_Storage_Pool.DefaultDeltaReservation
Where equivalent:	

Qualification:	detail
Associated dimension name:	Block Pool Name
List of values:	07s, editable, manual refresh, not exportable

Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Space Limit (GB)
Type:	Number
Description:	Space Limit in GB
Select equivalent:	K_SE_Storage_Pool.SpaceLimitGB
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Pool Name
List of values:	07t, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Space Limit (GiB)
Type:	Number
Description:	Space Limit in GiB
Select equivalent:	K_SE_Storage_Pool.SpaceLimitGiB
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Pool Name
List of values:	07u, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Space Limit Determination
Type:	Number
Description:	Space Limit Determination
Select equivalent:	K_SE_Storage_Pool.SpaceLimitDetermination
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Pool Name
List of values:	07v, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Composition
Type:	Character
Description:	Shows type of pool like Internal, External, Hybrid ....
Select equivalent:	K_SE_Storage_Pool.Composition
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Pool Name
List of values:	07w, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Block Pool Type
Type:	Character
Description:	Block Pool type - Primordi al, Concrete, Open, Mainfr ame, Snapshot, Reserved, Parent concrete ...
Select equivalent:	K_SE_Storage_Pool.SANPoolType
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Pool Name
List of values:	07x, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Block Volume Name
Type:	Character
Description:	Name of the Block Volume
Select equivalent:	K_SE_Storage_Volume.SANVolumeName
Where equivalent:	
Qualification:	dimension
List of values:	07y, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	OID

Type:	Character
Description:	Unique Identifier for Block Volume
Select equivalent:	K_SE_Storage_Volume.OID
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Volume Name
List of values:	080, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Volume Device ID
Type:	Character
Description:	Block Volume Device ID
Select equivalent:	K_SE_Storage_Volume.VolumeDeviceId
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Volume Name
List of values:	081, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Block Volume Access Type
Type:	Character
Description:	Block Volume Access Type
Select equivalent:	K_SE_Storage_Volume.AccessType
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Volume Name
List of values:	082, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Block Volume Block Size in Bytes
Type:	Number
Description:	Block Volume Block Size in Bytes
Select equivalent:	K_SE_Storage_Volume.BlockSize
Where equivalent:	

Qualification:	detail
Associated dimension name:	Block Volume Name
List of values:	083, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Number of Blocks
Type:	Number
Description:	Number of blocks in Block Volume
Select equivalent:	K_SE_Storage_Volume.NumberOfBlocks
Where equivalent:	

Qualification:	detail
Associated dimension name:	Block Volume Name
List of values:	084, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Volume Size Bytes
Type:	Number
Description:	Source Block Volume Size in Bytes
Select equivalent:	K_SE_Storage_Volume.VolumeSizeBytes
Where equivalent:	

Qualification:	detail
Associated dimension name:	Block Volume Name
List of values:	085, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Block Volume Consumable Blocks
Type:	Number
Description:	Number of consumable blocks in Block Volume
Select equivalent:	K_SE_Storage_Volume.ConsumableBlocks
Where equivalent:	

Qualification:	detail
Associated dimension name:	Block Volume Name
List of values:	086, editable, manual refresh, not exportable

Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Block Volume Consumed Blocks
Type:	Number
Description:	Actual consumed physical space of the volume. Note : This object only applica ble for Block systems that support Thin Provisioning
Select equivalent:	K_SE_Storage_Volume.ConsumedBlocks
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Volume Name
List of values:	087, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Is Thinly Provisioned?
Type:	Character
Description:	Indicates Whether Block Volume is Thinly Provisioned or not
Select equivalent:	K_SE_Storage_Volume.IsThinlyProvisioned
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Volume Name
List of values:	088, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Raw Space (Bytes)
Type:	Number
Description:	Raw Space in Bytes that is consumed by the Block vo lume from the underlying Block extents
Select equivalent:	K_SE_Storage_Volume.RawSpace
Where equivalent:	

Qualification:	detail
Associated dimension name:	Block Volume Name
List of values:	089, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Raw Space (GB)
Type:	Number
Description:	Raw Space in GB that is co nsumed by the Block volum e from the underlying Bloc k extents
Select equivalent:	K_SE_Storage_Volume.RawSpaceGB
Where equivalent:	

Qualification:	detail
Associated dimension name:	Block Volume Name
List of values:	08a, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Raw Space (GiB)
Type:	Number
Description:	Raw Space in GiB that is c onsumed by the Block volu me from the underlying Bl ock extents
Select equivalent:	K_SE_Storage_Volume.RawSpaceGiB
Where equivalent:	

Qualification:	detail
Associated dimension name:	Block Volume Name
List of values:	08b, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	RAID Type
Type:	Character
Description:	RAID Type - A String repre sentation of the RAID leve

	l and configuration of the underlying Block extent(s) that the volume is based on. E.g. 'RAID5(7D+1P)'.
Select equivalent:	K_SE_Storage_Volume.RaidType
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Volume Name
List of values:	08c, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Sequential Access?
Type:	Character
Description:	Indicates whether sequential access or not
Select equivalent:	K_SE_Storage_Volume.SeqAccess
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Volume Name
List of values:	08d, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Block Volume Availability
Type:	Character
Description:	Whether Block Volume is Available
Select equivalent:	K_SE_Storage_Volume.Availability
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Volume Name
List of values:	08e, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Status Information
Type:	Character
Description:	Block Volume Status Information

Select equivalent:	K_SE_Storage_Volume.StatusInfo
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Volume Name
List of values:	08f, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Volume Type
Type:	Character
Description:	Volume Type - {'Open','Ma inframe','Mainframe Mappe d' - Volume known to be m apped from FINCON or ESCO N port. EFile - Volume kno wn to be mapped through a File port}
Select equivalent:	K_SE_Storage_Volume.VolumeType
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Volume Name
List of values:	08g, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Volume Purpose
Type:	Character
Description:	Volume Purpose represents the Block Volume Emulati on type for supported Bloc k Arrays
Select equivalent:	K_SE_Storage_Volume.VolumePurpose
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Volume Name
List of values:	08h, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Volume Default Single Point of Failure
Type:	Number
Description:	Default Single Point of Failure for Block Volume
Select equivalent:	K_SE_Storage_Volume.VolDfltSnglPtofFailure
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Volume Name
List of values:	08i, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Volume No Single Point of Failure
Type:	Character
Description:	No Single Point of Failure for Block Volume
Select equivalent:	K_SE_Storage_Volume.VolNoSinglePointofFailure
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Volume Name
List of values:	08j, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Volume Minimum Data Redundancy
Type:	Number
Description:	Minimum Data Redundancy for Block Volume
Select equivalent:	K_SE_Storage_Volume.VolMinDataRedundancy
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Volume Name
List of values:	08k, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Volume Maximum Data Redundancy
Type:	Number

Description:	Maximum Data Redundancy for Block Volume
Select equivalent:	K_SE_Storage_Volume.VolMaxDataRedundancy
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Volume Name
List of values:	08l, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Volume Default Data Redundancy
Type:	Number
Description:	Default Data Redundancy for Block Volume
Select equivalent:	K_SE_Storage_Volume.VolDefaultDataRedundancy
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Volume Name
List of values:	08m, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Volume Minimum Spindle Redundancy
Type:	Number
Description:	Minimum Spindle Redundancy for Block Volume
Select equivalent:	K_SE_Storage_Volume.VolMinSpindleRedundancy
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Volume Name
List of values:	08n, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Volume Maximum Spindle Redundancy
Type:	Number
Description:	Maximum Spindle Redundancy for Block Volume
Select equivalent:	K_SE_Storage_Volume.VolMaxSpindleRedundancy
Where equivalent:	

Qualification:	detail
Associated dimension name:	Block Volume Name
List of values:	08o, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Volume Default Spindle Redundancy
Type:	Number
Description:	Default Spindle Redundancy for Block Volume
Select equivalent:	K_SE_Storage_Volume.VolDefaultSpindleRedundancy
Where equivalent:	

Qualification:	detail
Associated dimension name:	Block Volume Name
List of values:	08p, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Volume Minimum Delta Reservation
Type:	Number
Description:	Minimum Delta Reservation for Block Volume
Select equivalent:	K_SE_Storage_Volume.VolMinDeltaReservation
Where equivalent:	

Qualification:	detail
Associated dimension name:	Block Volume Name
List of values:	08q, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Volume Maximum Delta Reservation
Type:	Number
Description:	Maximum Delta Reservation for Block Volume
Select equivalent:	K_SE_Storage_Volume.VolMaxDeltaReservation
Where equivalent:	

Qualification:	detail
Associated dimension name:	Block Volume Name
List of values:	08r, editable, manual refresh, not exportable
Security access level:	0

Can be used:	in result, in condition, in sort
Object status:	show

Object:	Block Volume Default Delta Reservation
Type:	Number
Description:	Default Delta Reservation for Block Volume
Select equivalent:	K_SE_Storage_Volume.DefaultDeltaReservation
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Volume Name
List of values:	08s, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Actual Blocks
Type:	Number
Description:	Actual Number of Blocks
Select equivalent:	K_SE_Storage_Volume.ActualBlocks
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Volume Name
List of values:	08t, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Used Blocks
Type:	Number
Description:	Number of Used Blocks
Select equivalent:	K_SE_Storage_Volume.UsedBlocks
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Volume Name
List of values:	08u, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Block Volume Controller Name
Type:	Character
Description:	Controller Name
Select equivalent:	K_SE_Storage_Volume.ControllerName
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Volume Name
List of values:	08v, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Block Volume Composition
Type:	Character
Description:	Shows type of volume like Internal, External, Hybrid...
Select equivalent:	K_SE_Storage_Volume.Composition
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Volume Name
List of values:	08w, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Block Volume Description
Type:	Character
Description:	Block Volume Description
Select equivalent:	K_SE_Storage_Volume.Description
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Volume Name
List of values:	08x, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Storage Capabilities
Type:	Character
Description:	Storage Capabilities
Select equivalent:	K_SE_Storage_Volume.StorageCapabilities

Where equivalent:

Qualification:	detail
Associated dimension name:	Block Volume Name
List of values:	08y, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Storage System UUID
Type:	Character
Description:	UUID of the Storage System
Select equivalent:	K_SE_StorageSystem.UUID
Where equivalent:	

Qualification:	dimension
List of values:	090, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Block Pool UUID
Type:	Character
Description:	UUID of the Block Pool
Select equivalent:	K_SE_Storage_Pool.SANPoolUUID
Where equivalent:	

Qualification:	dimension
List of values:	091, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Block Volume UUID
Type:	Character
Description:	UUID of the Block Volume
Select equivalent:	K_SE_Storage_Volume.SANVolumeUUID
Where equivalent:	

Qualification:	dimension
List of values:	092, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort

Object status: show

Class: DATETIME(EMC CLARiiON_VNX Storage Volume Performance Statistics)

Description:

Object: Year
Type: Number
Description: Year
Select equivalent: DATETIME.TIME_YEAR_NUMBER
Where equivalent:

Qualification: dimension
List of values: 093, editable, manual refresh, not exportable
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Month
Type: Character
Description: Month Name first Three Characters
Select equivalent: (SUBSTR(DATETIME.TIME_MONTH_NAME,1,3))
Where equivalent:

Qualification: dimension
List of values: 094, editable, manual refresh, not exportable
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Month Name
Type: Character
Description: Month Name
Select equivalent: DATETIME.TIME_MONTH_NAME
Where equivalent:

Qualification: detail
Associated dimension name: Month
List of values: 095, editable, manual refresh, not exportable
Security access level: 0
Can be used: in result, in condition, in sort

Object status: show

Object: Day
Type: Number
Description: Day
Select equivalent: DATETIME.TIME_DAY_MONTH_NUMBER
Where equivalent:

Qualification: dimension
List of values: 096, editable, manual refresh, not exportable
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Day Name
Type: Character
Description: Day Name
Select equivalent: DATETIME.TIME_DAY_NAME
Where equivalent:

Qualification: detail
Associated dimension name: Day
List of values: 097, editable, manual refresh, not exportable
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Hour
Type: Number
Description: Hour
Select equivalent: DATETIME.TIME_HOUR_ID
Where equivalent:

Qualification: dimension
List of values: 098, editable, manual refresh, not exportable
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Hour Id
Type: Number
Description: Hour Id

Select equivalent:	DATETIME.TIME_HOUR_ID
Where equivalent:	
Qualification:	detail
Associated dimension name:	Hour
List of values:	099, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Time Hour Description
Type:	Character
Description:	Time Hour Description
Select equivalent:	DATETIME.TIME_HOUR_DESCRIPTION
Where equivalent:	
Qualification:	detail
Associated dimension name:	Hour
List of values:	09a, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Full Date
Type:	Date
Description:	Full Date
Select equivalent:	DATETIME.TIME_FULL_DATE
Where equivalent:	
Qualification:	dimension
List of values:	09b, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Time Is Holiday
Type:	Character
Description:	Time Is Holiday
Select equivalent:	DATETIME.TIME_IS_HOLIDAY
Where equivalent:	
Qualification:	detail
Associated dimension name:	Full Date

List of values:	09c, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Time Is Weekday
Type:	Character
Description:	Time Is Weekday
Select equivalent:	DATETIME.TIME_IS_WEEKDAY
Where equivalent:	
Qualification:	detail
Associated dimension name:	Full Date
List of values:	09d, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Hour Boundary
Type:	Number
Description:	Hour Boundary
Select equivalent:	DATETIME.HOUR_BOUNDARY
Where equivalent:	
Qualification:	dimension
List of values:	09e, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	hidden

Object:	Day Boundary
Type:	Number
Description:	Day Boundary
Select equivalent:	DATETIME.DAY_BOUNDARY
Where equivalent:	
Qualification:	dimension
List of values:	09f, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	hidden

Object:	Week Boundary
Type:	Number
Description:	Week Boundary
Select equivalent:	DATETIME.WEEK_BOUNDARY
Where equivalent:	
Qualification:	dimension
List of values:	09g, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	hidden

Object:	Month Boundary
Type:	Number
Description:	Month Boundary
Select equivalent:	DATETIME.MONTH_BOUNDARY
Where equivalent:	
Qualification:	dimension
List of values:	09h, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	hidden

Object:	Year Boundary
Type:	Number
Description:	Year Boundary
Select equivalent:	DATETIME.YEAR_BOUNDARY
Where equivalent:	
Qualification:	dimension
List of values:	09i, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	hidden

Class:	Raw CLARiiON_VNX Storage Volume Performance Statistics
Description:	

Object:	Total IO Rate (Req/Sec)
Type:	Number

Description:	Total number of read I/O and write I/O operations (random and sequential) pe rformed each second by th e CLARiiON_VNX device, in cludes writes, random rea ds and sequential reads
Select equivalent:	SR_SE_CLAR_VNX_Vol_Stats.TotalIORate
Where equivalent:	
Qualification:	measure
Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Read Rate (Req/Sec)
Type:	Number
Description:	Number of Read I/O operat ions performed each secon d by the CLARiiON_VNX dev ice
Select equivalent:	SR_SE_CLAR_VNX_Vol_Stats.ReadRate
Where equivalent:	
Qualification:	measure
Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Read Hit Rate Total (Req/Sec)
Type:	Number
Description:	Number of Read hit operat ions performed each secon d by the CLARiiON_VNX dev ice
Select equivalent:	SR_SE_CLAR_VNX_Vol_Stats.ReadHitRate
Where equivalent:	
Qualification:	measure
Aggregate function:	None

List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Write Rate (Req/Sec)
Type:	Number
Description:	Number of write I/O opera tions performed each seco nd by the CLARiiON_VNX de vice
Select equivalent:	SR_SE_CLAR_VNX_Vol_Stats.WriteRate
Where equivalent:	
Qualification:	measure
Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Write Hit Rate Total (Req/Sec)
Type:	Number
Description:	Number of write hit operat ions performed each secon d by the CLARiiON_VNX dev ice
Select equivalent:	SR_SE_CLAR_VNX_Vol_Stats.WriteHitRate
Where equivalent:	
Qualification:	measure
Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Total Data Rate (Bytes/Sec)
Type:	Number
Description:	Total number of read I/O and write I/O operations (random and sequential) pe rformed each second by th

	e CLARiiON_VNX device
Select equivalent:	SR_SE_CLAR_VNX_Vol_Stats.TotalDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Read Data Rate (Bytes/Sec)
Type:	Number
Description:	Number of Bytes read by the CLARiiON_VNX device each second
Select equivalent:	SR_SE_CLAR_VNX_Vol_Stats.ReadDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Write Data Rate (Bytes/Sec)
Type:	Number
Description:	Number of bytes written by the CLARiiON_VNX device each second
Select equivalent:	SR_SE_CLAR_VNX_Vol_Stats.WriteDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Read Size (Bytes)
Type:	Number
Description:	Average Size of read I/O o peration performed each s econd by the CLARiiON_VNX device

Select equivalent:	SR_SE_CLAR_VNX_Vol_Stats.AvgReadSize
Where equivalent:	
Qualification:	measure
Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Write Size (Bytes)
Type:	Number
Description:	Average Size of write I/O operation performed by th e CLARiiON_VNX device
Select equivalent:	SR_SE_CLAR_VNX_Vol_Stats.AvgWriteSize
Where equivalent:	
Qualification:	measure
Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	%Reads
Type:	Number
Description:	Percentage of read I/O op erations to total I/O oper ations(including both rand om and sequential)
Select equivalent:	SR_SE_CLAR_VNX_Vol_Stats.PctReadIOs
Where equivalent:	
Qualification:	measure
Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	%Writes
Type:	Number

Description:	Percentage of total write I/O operations performed by the CLARiiON_VNX devic e.
Select equivalent:	SR_SE_CLAR_VNX_Vol_Stats.PctWriteIOs
Where equivalent:	
Qualification:	measure
Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	%Hits
Type:	Number
Description:	Percentage (%) of CPU time dedicated to hits
Select equivalent:	SR_SE_CLAR_VNX_Vol_Stats.PctHitIOs
Where equivalent:	
Qualification:	measure
Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	% Utilization
Type:	Number
Description:	Percentage (%) of time that disks in the array group are busy
Select equivalent:	SR_SE_CLAR_VNX_Vol_Stats.PctUtilization
Where equivalent:	
Qualification:	measure
Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Service Time (ms)
Type:	Number
Description:	Average service time in milli-seconds

Select equivalent:	SR_SE_CLAR_VNX_Vol_Stats.AvgServiceTime
Where equivalent:	
Qualification:	measure
Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average IO Response Time (ms)
Type:	Number
Description:	Average input out Response Time in milli-seconds
Select equivalent:	SR_SE_CLAR_VNX_Vol_Stats.AvgIOResponseTime
Where equivalent:	
Qualification:	measure
Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Queue Depth
Type:	Number
Description:	Average Queue Depth
Select equivalent:	SR_SE_CLAR_VNX_Vol_Stats.AvgQueueDepth
Where equivalent:	
Qualification:	measure
Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Class:	Hourly CLARiiON_VNX Storage Volume Performance Statistics
Description:	

Object:	Maximum Total IO Rate (Req/Sec)
Type:	Number

Description:	Maximum Total number of r ead I/O and write I/O oper ations (random and sequen tial) performed each secon d by the CLARiiON_VNX dev ice, includes writes, rand om reads and sequential r eads
Select equivalent:	SH_SE_CLAR_VNX_Vol_Stats.MAXTotalIORate
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Total IO Rate (Req/Sec)
Type:	Number
Description:	Minimum Total number of r ead I/O and write I/O oper ations (random and sequen tial) performed each secon d by the CLARiiON_VNX dev ice, includes writes, rand om reads and sequential r eads
Select equivalent:	SH_SE_CLAR_VNX_Vol_Stats.MINTotalIORate
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Total IO Rate (Req/Sec)
Type:	Number
Description:	Average Total number of r ead I/O and write I/O oper ations (random and sequen tial) performed each secon

	d by the CLARiiON_VNX dev ice, includes writes, rand om reads and sequential r eads
Select equivalent:	SH_SE_CLAR_VNX_Vol_Stats.AVGTotalIORate
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Total Data Rate (Bytes/Sec)
Type:	Number
Description:	Maximum Number of operati ons by the CLARiiON_VNX d evice each second
Select equivalent:	SH_SE_CLAR_VNX_Vol_Stats.MAXTotalDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Total Data Rate (Bytes/Sec)
Type:	Number
Description:	Minimum Number of operati ons by the CLARiiON_VNX d evice each second
Select equivalent:	SH_SE_CLAR_VNX_Vol_Stats.MINTotalDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Total Data Rate (Bytes/Sec)
Type:	Number
Description:	Average Number of operati ons by the CLARiiON_VNX d evice each second
Select equivalent:	SH_SE_CLAR_VNX_Vol_Stats.AVGTotalDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Read Data Rate (Bytes/Sec)
Type:	Number
Description:	Maximum Number of Bytes r ead by the CLARiiON_VNX d evice each second
Select equivalent:	SH_SE_CLAR_VNX_Vol_Stats.MAXReadDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Read Data Rate (Bytes/Sec)
Type:	Number
Description:	Minimum Number of Bytes r ead by the CLARiiON_VNX d evice each second
Select equivalent:	SH_SE_CLAR_VNX_Vol_Stats.MINReadDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort

Object status:	show

Object:	Average Read Data Rate (Bytes/Sec)
Type:	Number
Description:	Average Number of Bytes r ead by the CLARiiON_VNX d evice each second
Select equivalent:	SH_SE_CLAR_VNX_Vol_Stats.AVGReadDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Read Rate (Req/Sec)
Type:	Number
Description:	Maximum Number of Read I/ O operations performed ea ch second by the CLARiiON _VNX device
Select equivalent:	SH_SE_CLAR_VNX_Vol_Stats.MAXReadRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Read Rate (Req/Sec)
Type:	Number
Description:	Minimum Number of Read I/ O operations performed ea ch second by the CLARiiON _VNX device
Select equivalent:	SH_SE_CLAR_VNX_Vol_Stats.MINReadRate
Where equivalent:	
Qualification:	measure

Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Read Rate (Req/Sec)
Type:	Number
Description:	Average Number of Read I/ O operations performed ea ch second by the CLARiiON _VNX device
Select equivalent:	SH_SE_CLAR_VNX_Vol_Stats.AVGReadRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Read Hit Rate Total (Req/Sec)
Type:	Number
Description:	Maximum Number of Read h it operations performed ea ch second by the CLARiiON _VNX device
Select equivalent:	SH_SE_CLAR_VNX_Vol_Stats.MAXReadHitRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Read Hit Rate Total (Req/Sec)
Type:	Number
Description:	Minimum Number of Read hi t operations performed ea ch second by the CLARiiON

	_VNX device
Select equivalent:	SH_SE_CLAR_VNX_Vol_Stats.MINReadHitRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Read Hit Rate Total (Req/Sec)
Type:	Number
Description:	Average Number of Read hi t operations performed ea ch second by the CLARiiON _VNX device
Select equivalent:	SH_SE_CLAR_VNX_Vol_Stats.AVGReadHitRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Write Data Rate (Bytes/Sec)
Type:	Number
Description:	Maximum Number of bytes written by the CLARiiON_V NX device each second
Select equivalent:	SH_SE_CLAR_VNX_Vol_Stats.MAXWriteDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Write Data Rate (Bytes/Sec)

Type:	Number
Description:	Minimum Number of bytes w ritten by the CLARiiON_VN X device each second
Select equivalent:	SH_SE_CLAR_VNX_Vol_Stats.MINWriteDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Write Data Rate (Bytes/Sec)
Type:	Number
Description:	Average Number of bytes w ritten by the CLARiiON_VN X device each second
Select equivalent:	SH_SE_CLAR_VNX_Vol_Stats.AVGWriteDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Write Rate (Req/Sec)
Type:	Number
Description:	Maximum Number of write I /O operations performed e ach second by the CLARiiO N_VNX device
Select equivalent:	SH_SE_CLAR_VNX_Vol_Stats.MAXWriteRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Write Rate (Req/Sec)
Type:	Number
Description:	Minimum Number of write I /O operations performed e ach second by the CLARiiO N_VNX device
Select equivalent:	SH_SE_CLAR_VNX_Vol_Stats.MINWriteRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Write Rate (Req/Sec)
Type:	Number
Description:	Average Number of write I /O operations performed e ach second by the CLARiiO N_VNX device
Select equivalent:	SH_SE_CLAR_VNX_Vol_Stats.AVGWriteRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Write Hit Rate Total (Req/Sec)
Type:	Number
Description:	Maximum Number of write h it operations performed ea ch second by the CLARiiON _VNX device
Select equivalent:	SH_SE_CLAR_VNX_Vol_Stats.MAXWriteHitRate
Where equivalent:	
Qualification:	measure

Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Write Hit Rate Total (Req/Sec)
Type:	Number
Description:	Minimum Number of write h it operations performed ea ch second by the CLARiiON _VNX device
Select equivalent:	SH_SE_CLAR_VNX_Vol_Stats.MINWriteHitRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Write Hit Rate Total (Req/Sec)
Type:	Number
Description:	Average Number of write h it operations performed ea ch second by the CLARiiON _VNX device
Select equivalent:	SH_SE_CLAR_VNX_Vol_Stats.AVGWriteHitRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average Read Size (Bytes)
Type:	Number
Description:	Maximum Average Size of r ead I/O operation perform ed each second by the CLA

	RiiON_VNX device
Select equivalent:	SH_SE_CLAR_VNX_Vol_Stats.MAXAvgReadSize
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average Read Size (Bytes)
Type:	Number
Description:	Minimum Average Size of r ead I/O operation perform ed each second by the CLA RiiON_VNX device
Select equivalent:	SH_SE_CLAR_VNX_Vol_Stats.MINAvgReadSize
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average Write Size (Bytes)
Type:	Number
Description:	Maximum Average Size of w rite I/O operation perform ed by the CLARiiON_VNX de vice
Select equivalent:	SH_SE_CLAR_VNX_Vol_Stats.MAXAvgWriteSize
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average Write Size (Bytes)
Type:	Number
Description:	Minimum Average Size of w rite I/O operation perform ed by the CLARiiON_VNX de vice
Select equivalent:	SH_SE_CLAR_VNX_Vol_Stats.MINAvgWriteSize
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average IO Response Time (ms)
Type:	Number
Description:	Maximum Average input out Response Time
Select equivalent:	SH_SE_CLAR_VNX_Vol_Stats.MAXAvgIOResponseTime
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average IO Response Time (ms)
Type:	Number
Description:	Minimum Average input out Response Time
Select equivalent:	SH_SE_CLAR_VNX_Vol_Stats.MINAvgIOResponseTime
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average Queue Depth

Type:	Number
Description:	Maximum Average Queue Depth
Select equivalent:	SH_SE_CLAR_VNX_Vol_Stats.MAXAvgQueueDepth
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average Queue Depth
Type:	Number
Description:	Minimum Average Queue Depth
Select equivalent:	SH_SE_CLAR_VNX_Vol_Stats.MINAvgQueueDepth
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average Service Time (ms)
Type:	Number
Description:	Maximum Average service time in milli-seconds
Select equivalent:	SH_SE_CLAR_VNX_Vol_Stats.MAXAvgServiceTime
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average Service Time (ms)
Type:	Number
Description:	Minimum Average service time in milli-seconds
Select equivalent:	SH_SE_CLAR_VNX_Vol_Stats.MINAvgAvgServiceTime
Where equivalent:	

Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum %Reads
Type:	Number
Description:	Maximum Percentage of rea d I/O operations to total I/O operations(including b oth random and sequential)
Select equivalent:	SH_SE_CLAR_VNX_Vol_Stats.MAXPctReadIOs
Where equivalent:	

Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum %Reads
Type:	Number
Description:	Minimum Percentage of rea d I/O operations to total I/O operations(including b oth random and sequential)
Select equivalent:	SH_SE_CLAR_VNX_Vol_Stats.MINPctReadIOs
Where equivalent:	

Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object: Maximum %Writes

Type:	Number
Description:	Maximum Percentage of tot al write I/O operations pe rformed by the CLARiiON_V NX device.
Select equivalent:	SH_SE_CLAR_VNX_Vol_Stats.MAXPctWriteIOs
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum %Writes
Type:	Number
Description:	Minimum Percentage of tot al write I/O operations pe rformed by the CLARiiON_V NX device.
Select equivalent:	SH_SE_CLAR_VNX_Vol_Stats.MINPctWriteIOs
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum %Hits
Type:	Number
Description:	Maximum Percentage (%) of CPU time dedicated to hits
Select equivalent:	SH_SE_CLAR_VNX_Vol_Stats.MAXPctHitIOs
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum %Hits
Type:	Number
Description:	Minimum Percentage (%) of CPU time dedicated to hits
Select equivalent:	SH_SE_CLAR_VNX_Vol_Stats.MINPctHitIOs
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum %Utilization
Type:	Number
Description:	Maximum Percentage (%) of time that disks in the ar ray group are busy
Select equivalent:	SH_SE_CLAR_VNX_Vol_Stats.MAXPctUtil
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum %Utilization
Type:	Number
Description:	Minimum Percentage (%) of time that disks in the ar ray group are busy
Select equivalent:	SH_SE_CLAR_VNX_Vol_Stats.MINPctUtil
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Class: Daily CLARiiON_VNX St
orage Volume Perform
ance Statistics

Description:

Object: Maximum Total IO Rate (Req/Sec)
Type: Number
Description: Maximum Total number of r
ead I/O and write I/O oper
ations (random and sequen
tial) performed each secon
d by the CLARiiON_VNX dev
ice, includes writes, rand
om reads and sequential r
eads
Select equivalent: SD_SE_CLAR_VNX_Vol_Stats.MAXTotalIORate
Where equivalent:

Qualification: measure
Aggregate function: Max
List of values: no
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Minimum Total IO Rate (Req/Sec)
Type: Number
Description: Minimum Total number of r
ead I/O and write I/O oper
ations (random and sequen
tial) performed each secon
d by the CLARiiON_VNX dev
ice, includes writes, rand
om reads and sequential r
eads
Select equivalent: SD_SE_CLAR_VNX_Vol_Stats.MINTotalIORate
Where equivalent:

Qualification: measure
Aggregate function: Min
List of values: no
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object:	Average Total IO Rate (Req/Sec)
Type:	Number
Description:	Average Total number of r ead I/O and write I/O oper ations (random and sequen tial) performed each secon d by the CLARiiON_VNX dev ice, includes writes, rand om reads and sequential r eads
Select equivalent:	SD_SE_CLAR_VNX_Vol_Stats.AVGTotalIORate
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Total Data Rate (Bytes/Sec)
Type:	Number
Description:	Maximum Number of operati ons by the CLARiiON_VNX d evice each second
Select equivalent:	SD_SE_CLAR_VNX_Vol_Stats.MAXTotalDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Total Data Rate (Bytes/Sec)
Type:	Number
Description:	Minimum Number of operati ons by the CLARiiON_VNX d evice each second
Select equivalent:	SD_SE_CLAR_VNX_Vol_Stats.MINTotalDataRate
Where equivalent:	

Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Total Data Rate (Bytes/Sec)
Type:	Number
Description:	Average Number of operati ons by the CLARiiON_VNX d evice each second
Select equivalent:	SD_SE_CLAR_VNX_Vol_Stats.AVGTotalDataRate
Where equivalent:	

Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Read Data Rate (Bytes/Sec)
Type:	Number
Description:	Maximum Number of Bytes r ead by the CLARiiON_VNX d evice each second
Select equivalent:	SD_SE_CLAR_VNX_Vol_Stats.MAXReadDataRate
Where equivalent:	

Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Read Data Rate (Bytes/Sec)
Type:	Number
Description:	Minimum Number of Bytes r ead by the CLARiiON_VNX d evice each second

Select equivalent:	SD_SE_CLAR_VNX_Vol_Stats.MINReadDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Read Data Rate (Bytes/Sec)
Type:	Number
Description:	Average Number of Bytes r ead by the CLARiiON_VNX d evice each second
Select equivalent:	SD_SE_CLAR_VNX_Vol_Stats.AVGReadDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Read Rate (Req/Sec)
Type:	Number
Description:	Maximum Number of Read I/ O operations performed ea ch second by the CLARiiON _VNX device
Select equivalent:	SD_SE_CLAR_VNX_Vol_Stats.MAXReadRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Read Rate (Req/Sec)
Type:	Number

Description:	Minimum Number of Read I/O operations performed each second by the CLARiiON_VNX device
Select equivalent:	SD_SE_CLAR_VNX_Vol_Stats.MINReadRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Read Rate (Req/Sec)
Type:	Number
Description:	Average Number of Read I/O operations performed each second by the CLARiiON_VNX device
Select equivalent:	SD_SE_CLAR_VNX_Vol_Stats.AVGReadRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Read Hit Rate Total (Req/Sec)
Type:	Number
Description:	Maximum Number of Read hit operations performed each second by the CLARiiON_VNX device
Select equivalent:	SD_SE_CLAR_VNX_Vol_Stats.MAXReadHitRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort

Object status: show

Object: Minimum Read Hit Rate Total (Req/Sec)
Type: Number
Description: Minimum Number of Read hi
t operations performed ea
ch second by the CLARiiON
_VNX device
Select equivalent: SD_SE_CLAR_VNX_Vol_Stats.MINReadHitRate
Where equivalent:

Qualification: measure
Aggregate function: Min
List of values: no
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Average Read Hit Rate Total (Req/Sec)
Type: Number
Description: Average Number of Read hi
t operations performed ea
ch second by the CLARiiON
_VNX device
Select equivalent: SD_SE_CLAR_VNX_Vol_Stats.AVGReadHitRate
Where equivalent:

Qualification: measure
Aggregate function: Average
List of values: no
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Maximum Write Data Rate (Bytes/Sec)
Type: Number
Description: Maximum Number of bytes
written by the CLARiiON_V
NX device each second
Select equivalent: SD_SE_CLAR_VNX_Vol_Stats.MAXWriteDataRate
Where equivalent:

Qualification: measure

Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Write Data Rate (Bytes/Sec)
Type:	Number
Description:	Minimum Number of bytes w ritten by the CLARiiON_VN X device each second
Select equivalent:	SD_SE_CLAR_VNX_Vol_Stats.MINWriteDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Write Data Rate (Bytes/Sec)
Type:	Number
Description:	Average Number of bytes w ritten by the CLARiiON_VN X device each second
Select equivalent:	SD_SE_CLAR_VNX_Vol_Stats.AVGWriteDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Write Rate (Req/Sec)
Type:	Number
Description:	Maximum Number of write I /O operations performed e ach second by the CLARiiO N_VNX device
Select equivalent:	SD_SE_CLAR_VNX_Vol_Stats.MAXWriteRate

Where equivalent:

Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Write Rate (Req/Sec)
Type:	Number
Description:	Minimum Number of write I /O operations performed e ach second by the CLARiiO N_VNX device
Select equivalent:	SD_SE_CLAR_VNX_Vol_Stats.MINWriteRate

Where equivalent:

Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Write Rate (Req/Sec)
Type:	Number
Description:	Average Number of write I /O operations performed e ach second by the CLARiiO N_VNX device
Select equivalent:	SD_SE_CLAR_VNX_Vol_Stats.AVGWriteRate

Where equivalent:

Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Write Hit Rate Total (Req/Sec)
Type:	Number

Description:	Maximum Number of write h it operations performed ea ch second by the CLARiiON _VNX device
Select equivalent:	SD_SE_CLAR_VNX_Vol_Stats.MAXWriteHitRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Write Hit Rate Total (Req/Sec)
Type:	Number
Description:	Minimum Number of write h it operations performed ea ch second by the CLARiiON _VNX device
Select equivalent:	SD_SE_CLAR_VNX_Vol_Stats.MINWriteHitRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Write Hit Rate Total (Req/Sec)
Type:	Number
Description:	Average Number of write h it operations performed ea ch second by the CLARiiON _VNX device
Select equivalent:	SD_SE_CLAR_VNX_Vol_Stats.AVGWriteHitRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort

Object status:	show

Object:	Maximum Average Read Size (Bytes)
Type:	Number
Description:	Maximum Average Size of r ead I/O operation perform ed each second by the CLA RiiON_VNX device
Select equivalent:	SD_SE_CLAR_VNX_Vol_Stats.MAXAvgReadSize
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average Read Size (Bytes)
Type:	Number
Description:	Minimum Average Size of r ead I/O operation perform ed each second by the CLA RiiON_VNX device
Select equivalent:	SD_SE_CLAR_VNX_Vol_Stats.MINAvgReadSize
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average Write Size (Bytes)
Type:	Number
Description:	Maximum Average Size of w rite I/O operation perform ed by the CLARiiON_VNX de vice
Select equivalent:	SD_SE_CLAR_VNX_Vol_Stats.MAXAvgWriteSize
Where equivalent:	

Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average Write Size (Bytes)
Type:	Number
Description:	Minimum Average Size of w rite I/O operation perform ed by the CLARiiON_VNX de vice
Select equivalent:	SD_SE_CLAR_VNX_Vol_Stats.MINAvgWriteSize
Where equivalent:	

Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average IO Response Time (ms)
Type:	Number
Description:	Maximum Average input out Response Time
Select equivalent:	SD_SE_CLAR_VNX_Vol_Stats.MAXAvgIOResponseTime
Where equivalent:	

Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average IO Response Time (ms)
Type:	Number
Description:	Minimum Average input out Response Time
Select equivalent:	SD_SE_CLAR_VNX_Vol_Stats.MINAvgIOResponseTime
Where equivalent:	

Qualification:	measure

Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average Queue Depth
Type:	Number
Description:	Maximum Average Queue Depth
Select equivalent:	SD_SE_CLAR_VNX_Vol_Stats.MAXAvgQueueDepth
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average Queue Depth
Type:	Number
Description:	Minimum Average Queue Depth
Select equivalent:	SD_SE_CLAR_VNX_Vol_Stats.MINAvgQueueDepth
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average Service Time (ms)
Type:	Number
Description:	Maximum Average service time in milli-seconds
Select equivalent:	SD_SE_CLAR_VNX_Vol_Stats.MAXAvgServiceTime
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort

Object status:	show

Object:	Minimum Average Service Time (ms)
Type:	Number
Description:	Minimum Average service time in milli-seconds
Select equivalent:	SD_SE_CLAR_VNX_Vol_Stats.MINAvgAvgServiceTime
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum %Reads
Type:	Number
Description:	Maximum Percentage of rea d I/O operations to total I/O operations(including b oth random and sequential)
Select equivalent:	SD_SE_CLAR_VNX_Vol_Stats.MAXPctReadIOs
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum %Reads
Type:	Number
Description:	Minimum Percentage of rea d I/O operations to total I/O operations(including b oth random and sequential)
Select equivalent:	SD_SE_CLAR_VNX_Vol_Stats.MINPctReadIOs
Where equivalent:	
Qualification:	measure

Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum %Writes
Type:	Number
Description:	Maximum Percentage of tot al write I/O operations pe rformed by the CLARiiON_V NX device.
Select equivalent:	SD_SE_CLAR_VNX_Vol_Stats.MAXPctWriteIOs
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum %Writes
Type:	Number
Description:	Minimum Percentage of tot al write I/O operations pe rformed by the CLARiiON_V NX device.
Select equivalent:	SD_SE_CLAR_VNX_Vol_Stats.MINPctWriteIOs
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum %Hits
Type:	Number
Description:	Maximum Percentage (%) of CPU time dedicated to hits
Select equivalent:	SD_SE_CLAR_VNX_Vol_Stats.MAXPctHitIOs
Where equivalent:	

Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum %Hits
Type:	Number
Description:	Minimum Percentage (%) of CPU time dedicated to hits
Select equivalent:	SD_SE_CLAR_VNX_Vol_Stats.MINPctHitIOs
Where equivalent:	

Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum %Utilization
Type:	Number
Description:	Maximum Percentage (%) of time that disks in the array group are busy
Select equivalent:	SD_SE_CLAR_VNX_Vol_Stats.MAXPctUtil
Where equivalent:	

Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum %Utilization
Type:	Number
Description:	Minimum Percentage (%) of time that disks in the array group are busy
Select equivalent:	SD_SE_CLAR_VNX_Vol_Stats.MINPctUtil
Where equivalent:	

Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Class:	HourlyOLAP-CLARiiON_ VNX Storage Volume P erformance Statistics
Description:	

Object:	Maximum Total IO Rate (Req/Sec)
Type:	Number
Description:	Maximum Total number of r ead I/O and write I/O oper ations (random and sequen tial) performed each secon d by the CLARiiON_VNX dev ice, includes writes, rand om reads and sequential r eads
Select equivalent:	max(SH_SE_CLAR_VNX_Vol_Stats.MAXTotalIORate)
Where equivalent:	

Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Total IO Rate (Req/Sec)
Type:	Number
Description:	Minimum Total number of r ead I/O and write I/O oper ations (random and sequen tial) performed each secon d by the CLARiiON_VNX dev ice, includes writes, rand om reads and sequential r eads
Select equivalent:	min(SH_SE_CLAR_VNX_Vol_Stats.MINTotalIORate)

Where equivalent:

Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Total IO Rate (Req/Sec)
Type:	Number
Description:	Average Total number of r ead I/O and write I/O oper ations (random and sequen tial) performed each secon d by the CLARiiON_VNX dev ice, includes writes, rand om reads and sequential r eads
Select equivalent:	avg(SH_SE_CLAR_VNX_Vol_Stats.AVGTotalIORate)
Where equivalent:	

Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Total Data Rate (Bytes/Sec)
Type:	Number
Description:	Maximum Number of operati ons by the CLARiiON_VNX d evice each second
Select equivalent:	max(SH_SE_CLAR_VNX_Vol_Stats.MAXTotalDataRate)
Where equivalent:	

Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Total Data Rate (Bytes/Sec)
Type:	Number
Description:	Minimum Number of operati ons by the CLARiiON_VNX d evice each second
Select equivalent:	min(SH_SE_CLAR_VNX_Vol_Stats.MINTotalDataRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Total Data Rate (Bytes/Sec)
Type:	Number
Description:	Average Number of operati ons by the CLARiiON_VNX d evice each second
Select equivalent:	avg(SH_SE_CLAR_VNX_Vol_Stats.AVGTotalDataRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Read Data Rate (Bytes/Sec)
Type:	Number
Description:	Maximum Number of Bytes r ead by the CLARiiON_VNX d evice each second
Select equivalent:	max(SH_SE_CLAR_VNX_Vol_Stats.MAXReadDataRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort

Object status:	show

Object:	Minimum Read Data Rate (Bytes/Sec)
Type:	Number
Description:	Minimum Number of Bytes r ead by the CLARiiON_VNX d evice each second
Select equivalent:	min(SH_SE_CLAR_VNX_Vol_Stats.MINReadDataRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Read Data Rate (Bytes/Sec)
Type:	Number
Description:	Average Number of Bytes r ead by the CLARiiON_VNX d evice each second
Select equivalent:	avg(SH_SE_CLAR_VNX_Vol_Stats.AVGReadDataRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Read Rate (Req/Sec)
Type:	Number
Description:	Maximum Number of Read I/ O operations performed ea ch second by the CLARiiON _VNX device
Select equivalent:	max(SH_SE_CLAR_VNX_Vol_Stats.MAXReadRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max

List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Read Rate (Req/Sec)
Type:	Number
Description:	Minimum Number of Read I/ O operations performed ea ch second by the CLARiiON _VNX device
Select equivalent:	min(SH_SE_CLAR_VNX_Vol_Stats.MINReadRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Read Rate (Req/Sec)
Type:	Number
Description:	Average Number of Read I/ O operations performed ea ch second by the CLARiiON _VNX device
Select equivalent:	avg(SH_SE_CLAR_VNX_Vol_Stats.AVGReadRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Read Hit Rate Total (Req/Sec)
Type:	Number
Description:	Maximum Number of Read h it operations performed ea ch second by the CLARiiON _VNX device

Select equivalent:	max(SH_SE_CLAR_VNX_Vol_Stats.MAXReadHitRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Read Hit Rate Total (Req/Sec)
Type:	Number
Description:	Minimum Number of Read hi t operations performed ea ch second by the CLARiiON _VNX device
Select equivalent:	min(SH_SE_CLAR_VNX_Vol_Stats.MINReadHitRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Read Hit Rate Total (Req/Sec)
Type:	Number
Description:	Average Number of Read hi t operations performed ea ch second by the CLARiiON _VNX device
Select equivalent:	avg(SH_SE_CLAR_VNX_Vol_Stats.AVGReadHitRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object: Maximum Write Data Rate (Bytes/Sec)

Type:	Number
Description:	Maximum Number of bytes written by the CLARiiON_VNX device each second
Select equivalent:	max(SH_SE_CLAR_VNX_Vol_Stats.MAXWriteDataRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Write Data Rate (Bytes/Sec)
Type:	Number
Description:	Minimum Number of bytes written by the CLARiiON_VNX device each second
Select equivalent:	min(SH_SE_CLAR_VNX_Vol_Stats.MINWriteDataRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Write Data Rate (Bytes/Sec)
Type:	Number
Description:	Average Number of bytes written by the CLARiiON_VNX device each second
Select equivalent:	avg(SH_SE_CLAR_VNX_Vol_Stats.AVGWriteDataRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Write Rate (Req/Sec)
Type:	Number
Description:	Maximum Number of write I /O operations performed e ach second by the CLARiiO N_VNX device
Select equivalent:	max(SH_SE_CLAR_VNX_Vol_Stats.MAXWriteRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Write Rate (Req/Sec)
Type:	Number
Description:	Minimum Number of write I /O operations performed e ach second by the CLARiiO N_VNX device
Select equivalent:	min(SH_SE_CLAR_VNX_Vol_Stats.MINWriteRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Write Rate (Req/Sec)
Type:	Number
Description:	Average Number of write I /O operations performed e ach second by the CLARiiO N_VNX device
Select equivalent:	avg(SH_SE_CLAR_VNX_Vol_Stats.AVGWriteRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Average

List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Write Hit Rate Total (Req/Sec)
Type:	Number
Description:	Maximum Number of write h it operations performed ea ch second by the CLARiiON _VNX device
Select equivalent:	max(SH_SE_CLAR_VNX_Vol_Stats.MAXWriteHitRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Write Hit Rate Total (Req/Sec)
Type:	Number
Description:	Minimum Number of write h it operations performed ea ch second by the CLARiiON _VNX device
Select equivalent:	min(SH_SE_CLAR_VNX_Vol_Stats.MINWriteHitRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Write Hit Rate Total (Req/Sec)
Type:	Number
Description:	Average Number of write h it operations performed ea ch second by the CLARiiON _VNX device

Select equivalent:	avg(SH_SE_CLAR_VNX_Vol_Stats.AVGWriteHitRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average Read Size (Bytes)
Type:	Number
Description:	Maximum Average Size of r ead I/O operation perform ed each second by the CLA RiiON_VNX device
Select equivalent:	max(SH_SE_CLAR_VNX_Vol_Stats.MAXAvgReadSize)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average Read Size (Bytes)
Type:	Number
Description:	Minimum Average Size of r ead I/O operation perform ed each second by the CLA RiiON_VNX device
Select equivalent:	min(SH_SE_CLAR_VNX_Vol_Stats.MINAvgReadSize)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object: Maximum Average Write Size (Bytes)

Type:	Number
Description:	Maximum Average Size of w rite I/O operation perform ed by the CLARiiON_VNX de vice
Select equivalent:	max(SH_SE_CLAR_VNX_Vol_Stats.MAXAvgWriteSize)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average Write Size (Bytes)
Type:	Number
Description:	Minimum Average Size of w rite I/O operation perform ed by the CLARiiON_VNX de vice
Select equivalent:	min(SH_SE_CLAR_VNX_Vol_Stats.MINAvgWriteSize)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average IO Response Time (ms)
Type:	Number
Description:	Maximum Average input out Response Time
Select equivalent:	max(SH_SE_CLAR_VNX_Vol_Stats.MAXAvgIOResponseTime)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average IO Response Time (ms)
Type:	Number
Description:	Minimum Average input out Response Time
Select equivalent:	min(SH_SE_CLAR_VNX_Vol_Stats.MINAvgIOResponseTime)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average Queue Depth
Type:	Number
Description:	Maximum Average Queue Depth
Select equivalent:	max(SH_SE_CLAR_VNX_Vol_Stats.MAXAvgQueueDepth)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average Queue Depth
Type:	Number
Description:	Minimum Average Queue Depth
Select equivalent:	min(SH_SE_CLAR_VNX_Vol_Stats.MINAvgQueueDepth)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum %Reads
Type:	Number
Description:	Maximum Percentage of rea

	d I/O operations to total I/O operations(including b oth random and sequential)
Select equivalent:	max(SH_SE_CLAR_VNX_Vol_Stats.MAXPctReadIOs)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum %Reads
Type:	Number
Description:	Minimum Percentage of rea d I/O operations to total I/O operations(including b oth random and sequential)
Select equivalent:	min(SH_SE_CLAR_VNX_Vol_Stats.MINPctReadIOs)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum %Writes
Type:	Number
Description:	Maximum Percentage of tot al write I/O operations pe rformed by the CLARiiON_V NX device.
Select equivalent:	max(SH_SE_CLAR_VNX_Vol_Stats.MAXPctWriteIOs)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0

Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum %Writes
Type:	Number
Description:	Minimum Percentage of tot al write I/O operations pe rformed by the CLARiiON_V NX device.
Select equivalent:	min(SH_SE_CLAR_VNX_Vol_Stats.MINPctWriteIOs)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average Service Time (ms)
Type:	Number
Description:	Maximum Average service time in milli-seconds
Select equivalent:	max(SH_SE_CLAR_VNX_Vol_Stats.MAXAvgServiceTime)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average Service Time (ms)
Type:	Number
Description:	Minimum Average service time in milli-seconds
Select equivalent:	min(SH_SE_CLAR_VNX_Vol_Stats.MINAvgAvgServiceTime)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort

Object status:	show

Object:	Maximum %Hits
Type:	Number
Description:	Maximum Percentage (%) of CPU time dedicated to hits
Select equivalent:	max(SH_SE_CLAR_VNX_Vol_Stats.MAXPctHitIOs)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum %Hits
Type:	Number
Description:	Minimum Percentage (%) of CPU time dedicated to hits
Select equivalent:	min(SH_SE_CLAR_VNX_Vol_Stats.MINPctHitIOs)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum %Utilization
Type:	Number
Description:	Maximum Percentage (%) of time that disks in the ar ray group are busy
Select equivalent:	max(SH_SE_CLAR_VNX_Vol_Stats.MAXPctUtil)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum %Utilization
Type:	Number
Description:	Minimum Percentage (%) of time that disks in the array group are busy
Select equivalent:	min(SH_SE_CLAR_VNX_Vol_Stats.MINPctUtil)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Class:	DailyOLAP-CLARiiON_VNX Storage Volume Performance Statistics
Description:	

Object:	Maximum Total IO Rate (Req/Sec)
Type:	Number
Description:	Maximum Total number of read I/O and write I/O operations (random and sequential) performed each second by the CLARiiON_VNX device, includes writes, random reads and sequential reads
Select equivalent:	max(SD_SE_CLAR_VNX_Vol_Stats.MAXTotalIORate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Total IO Rate (Req/Sec)
Type:	Number
Description:	Minimum Total number of r

	ead I/O and write I/O oper ations (random and sequen tial) performed each secon d by the CLARiiON_VNX dev ice, includes writes, rand om reads and sequential r eads
Select equivalent:	min(SD_SE_CLAR_VNX_Vol_Stats.MINTotalIORate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Total IO Rate (Req/Sec)
Type:	Number
Description:	Average Total number of r ead I/O and write I/O oper ations (random and sequen tial) performed each secon d by the CLARiiON_VNX dev ice, includes writes, rand om reads and sequential r eads
Select equivalent:	avg(SD_SE_CLAR_VNX_Vol_Stats.AVGTotalIORate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Total Data Rate (Bytes/Sec)
Type:	Number
Description:	Maximum Number of operati ons by the CLARiiON_VNX d evice each second
Select equivalent:	max(SD_SE_CLAR_VNX_Vol_Stats.MAXTotalDataRate)
Where equivalent:	

Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Total Data Rate (Bytes/Sec)
Type:	Number
Description:	Minimum Number of operati ons by the CLARiiON_VNX d evice each second
Select equivalent:	min(SD_SE_CLAR_VNX_Vol_Stats.MINTotalDataRate)
Where equivalent:	

Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Total Data Rate (Bytes/Sec)
Type:	Number
Description:	Average Number of operati ons by the CLARiiON_VNX d evice each second
Select equivalent:	avg(SD_SE_CLAR_VNX_Vol_Stats.AVGTotalDataRate)
Where equivalent:	

Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Read Data Rate (Bytes/Sec)
Type:	Number
Description:	Maximum Number of Bytes r ead by the CLARiiON_VNX d evice each second

Select equivalent:	max(SD_SE_CLAR_VNX_Vol_Stats.MAXReadDataRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Read Data Rate (Bytes/Sec)
Type:	Number
Description:	Minimum Number of Bytes r ead by the CLARiiON_VNX d evice each second
Select equivalent:	min(SD_SE_CLAR_VNX_Vol_Stats.MINReadDataRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Read Data Rate (Bytes/Sec)
Type:	Number
Description:	Average Number of Bytes r ead by the CLARiiON_VNX d evice each second
Select equivalent:	avg(SD_SE_CLAR_VNX_Vol_Stats.AVGReadDataRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Read Rate (Req/Sec)
Type:	Number
Description:	Maximum Number of Read I/

	O operations performed ea ch second by the CLARiiON _VNX device
Select equivalent:	max(SD_SE_CLAR_VNX_Vol_Stats.MAXReadRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Read Rate (Req/Sec)
Type:	Number
Description:	Minimum Number of Read I/ O operations performed ea ch second by the CLARiiON _VNX device
Select equivalent:	min(SD_SE_CLAR_VNX_Vol_Stats.MINReadRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Read Rate (Req/Sec)
Type:	Number
Description:	Average Number of Read I/ O operations performed ea ch second by the CLARiiON _VNX device
Select equivalent:	avg(SD_SE_CLAR_VNX_Vol_Stats.AVGReadRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Read Hit Rate Total (Req/Sec)
Type:	Number
Description:	Maximum Number of Read h it operations performed ea ch second by the CLARiiON _VNX device
Select equivalent:	max(SD_SE_CLAR_VNX_Vol_Stats.MAXReadHitRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Read Hit Rate Total (Req/Sec)
Type:	Number
Description:	Minimum Number of Read hi t operations performed ea ch second by the CLARiiON _VNX device
Select equivalent:	min(SD_SE_CLAR_VNX_Vol_Stats.MINReadHitRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Read Hit Rate Total (Req/Sec)
Type:	Number
Description:	Average Number of Read hi t operations performed ea ch second by the CLARiiON _VNX device
Select equivalent:	avg(SD_SE_CLAR_VNX_Vol_Stats.AVGReadHitRate)
Where equivalent:	
Qualification:	measure

Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Write Data Rate (Bytes/Sec)
Type:	Number
Description:	Maximum Number of bytes written by the CLARiiON_VNX device each second
Select equivalent:	max(SD_SE_CLAR_VNX_Vol_Stats.MAXWriteDataRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Write Data Rate (Bytes/Sec)
Type:	Number
Description:	Minimum Number of bytes written by the CLARiiON_VNX device each second
Select equivalent:	min(SD_SE_CLAR_VNX_Vol_Stats.MINWriteDataRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Write Data Rate (Bytes/Sec)
Type:	Number
Description:	Average Number of bytes written by the CLARiiON_VNX device each second
Select equivalent:	avg(SD_SE_CLAR_VNX_Vol_Stats.AVGWriteDataRate)
Where equivalent:	

Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Write Rate (Req/Sec)
Type:	Number
Description:	Maximum Number of write I /O operations performed e ach second by the CLARiiO N_VNX device
Select equivalent:	max(SD_SE_CLAR_VNX_Vol_Stats.MAXWriteRate)
Where equivalent:	

Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Write Rate (Req/Sec)
Type:	Number
Description:	Minimum Number of write I /O operations performed e ach second by the CLARiiO N_VNX device
Select equivalent:	min(SD_SE_CLAR_VNX_Vol_Stats.MINWriteRate)
Where equivalent:	

Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Write Rate (Req/Sec)
Type:	Number
Description:	Average Number of write I

	/O operations performed e ach second by the CLARiiO N_VNX device
Select equivalent:	avg(SD_SE_CLAR_VNX_Vol_Stats.AVGWriteRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Write Hit Rate Total (Req/Sec)
Type:	Number
Description:	Maximum Number of write h it operations performed ea ch second by the CLARiiON _VNX device
Select equivalent:	max(SD_SE_CLAR_VNX_Vol_Stats.MAXWriteHitRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Write Hit Rate Total (Req/Sec)
Type:	Number
Description:	Minimum Number of write h it operations performed ea ch second by the CLARiiON _VNX device
Select equivalent:	min(SD_SE_CLAR_VNX_Vol_Stats.MINWriteHitRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Write Hit Rate Total (Req/Sec)
Type:	Number
Description:	Average Number of write h it operations performed ea ch second by the CLARiiON _VNX device
Select equivalent:	avg(SD_SE_CLAR_VNX_Vol_Stats.AVGWriteHitRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average Read Size (Bytes)
Type:	Number
Description:	Maximum Average Size of r ead I/O operation perform ed each second by the CLA RiiON_VNX device
Select equivalent:	max(SD_SE_CLAR_VNX_Vol_Stats.MAXAvgReadSize)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average Read Size (Bytes)
Type:	Number
Description:	Minimum Average Size of r ead I/O operation perform ed each second by the CLA RiiON_VNX device
Select equivalent:	min(SD_SE_CLAR_VNX_Vol_Stats.MINAvgReadSize)
Where equivalent:	
Qualification:	measure

Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average Write Size (Bytes)
Type:	Number
Description:	Maximum Average Size of w rite I/O operation perform ed by the CLARiiON_VNX de vice
Select equivalent:	max(SD_SE_CLAR_VNX_Vol_Stats.MAXAvgWriteSize)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average Write Size (Bytes)
Type:	Number
Description:	Minimum Average Size of w rite I/O operation perform ed by the CLARiiON_VNX de vice
Select equivalent:	min(SD_SE_CLAR_VNX_Vol_Stats.MINAvgWriteSize)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average IO Response Time (ms)
Type:	Number
Description:	Maximum Average input out Response Time
Select equivalent:	max(SD_SE_CLAR_VNX_Vol_Stats.MAXAvgIOResponseTime)
Where equivalent:	

Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average IO Response Time (ms)
Type:	Number
Description:	Minimum Average input out Response Time
Select equivalent:	min(SD_SE_CLAR_VNX_Vol_Stats.MINAvgIOResponseTime)
Where equivalent:	

Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average Queue Depth
Type:	Number
Description:	Maximum Average Queue Depth
Select equivalent:	max(SD_SE_CLAR_VNX_Vol_Stats.MAXAvgQueueDepth)
Where equivalent:	

Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average Queue Depth
Type:	Number
Description:	Minimum Average Queue Depth
Select equivalent:	min(SD_SE_CLAR_VNX_Vol_Stats.MINAvgQueueDepth)
Where equivalent:	

Qualification:	measure
Aggregate function:	Min
List of values:	no

Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum %Reads
Type:	Number
Description:	Maximum Percentage of rea d I/O operations to total I/O operations(including b oth random and sequential)
Select equivalent:	max(SD_SE_CLAR_VNX_Vol_Stats.MAXPctReadIOs)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum %Reads
Type:	Number
Description:	Minimum Percentage of rea d I/O operations to total I/O operations(including b oth random and sequential)
Select equivalent:	min(SD_SE_CLAR_VNX_Vol_Stats.MINPctReadIOs)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum %Writes
Type:	Number
Description:	Maximum Percentage of tot al write I/O operations pe rformed by the CLARiiON_V

	NX device.
Select equivalent:	max(SD_SE_CLAR_VNX_Vol_Stats.MAXPctWriteIOs)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum %Writes
Type:	Number
Description:	Minimum Percentage of tot al write I/O operations pe rformed by the CLARiiON_V NX device.
Select equivalent:	min(SD_SE_CLAR_VNX_Vol_Stats.MINPctWriteIOs)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average Service Time (ms)
Type:	Number
Description:	Maximum Average service time in milli-seconds
Select equivalent:	max(SD_SE_CLAR_VNX_Vol_Stats.MAXAvgServiceTime)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average Service Time (ms)
Type:	Number
Description:	Minimum Average service time in milli-seconds

Select equivalent:	min(SD_SE_CLAR_VNX_Vol_Stats.MINAvgAvgServiceTime)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum %Hits
Type:	Number
Description:	Maximum Percentage (%) of CPU time dedicated to hits
Select equivalent:	max(SD_SE_CLAR_VNX_Vol_Stats.MAXPctHitIOs)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum %Hits
Type:	Number
Description:	Minimum Percentage (%) of CPU time dedicated to hits
Select equivalent:	min(SD_SE_CLAR_VNX_Vol_Stats.MINPctHitIOs)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum %Utilization
Type:	Number
Description:	Maximum Percentage (%) of time that disks in the ar ray group are busy
Select equivalent:	max(SD_SE_CLAR_VNX_Vol_Stats.MAXPctUtil)
Where equivalent:	

Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum %Utilization
Type:	Number
Description:	Minimum Percentage (%) of time that disks in the ar ray group are busy
Select equivalent:	min(SD_SE_CLAR_VNX_Vol_Stats.MINPctUtil)
Where equivalent:	

Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Class:	EMC CLARiiON_VNX Sto rage Controller Perfo rmance Statistics
Description:	EMC CLARiiON_VNX Controller Performance Statistics

No objects

Class:	CLARiiON_VNXStorageP rocessor(EMC CLARiiO N_VNX Controller Perf ormance Statistics)
Description:	

Object:	SOM Source Name
Type:	Character
Description:	Name of the source SOM server
Select equivalent:	K_SE_StorageSystem.SEiSourceName
Where equivalent:	

Qualification:	dimension
List of values:	0f7, editable, manual refresh, not exportable

Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Tenant Name
Type:	Character
Description:	Tenant Name
Select equivalent:	K_SE_StorageSystem.TenantName
Where equivalent:	
Qualification:	dimension
List of values:	0f8, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Vendor
Type:	Character
Description:	Storage system vendor name
Select equivalent:	K_SE_StorageSystem.Vendor
Where equivalent:	
Qualification:	dimension
List of values:	0f9, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Model
Type:	Character
Description:	Storage System Model Number
Select equivalent:	K_SE_StorageSystem.Model
Where equivalent:	
Qualification:	dimension
List of values:	0fa, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Storage System Name
Type:	Character

Description:	Name of the Storage System
Select equivalent:	K_SE_StorageSystem.StorageSystemName
Where equivalent:	
Qualification:	dimension
List of values:	0fb, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Storage System Description
Type:	Character
Description:	Description about Storage System
Select equivalent:	K_SE_StorageSystem.Description
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0fc, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Storage System Discovery Status
Type:	Character
Description:	The discovery status of th e storage system such as CREATED, CONTACTED, MISS ING, GENERIC
Select equivalent:	K_SE_StorageSystem.DiscoveryStatus
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0fd, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Storage System IP Address
Type:	Character
Description:	IP Address of the Storage System
Select equivalent:	K_SE_StorageSystem.IPAddress

Where equivalent:

Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0fe, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Storage System DNS
Type:	Character
Description:	DNS name of the Storage System
Select equivalent:	K_SE_StorageSystem.DNSName
Where equivalent:	

Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0ff, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Storage System WWN
Type:	Character
Description:	World Wide Number of the Storage System
Select equivalent:	K_SE_StorageSystem.WWN
Where equivalent:	

Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0fg, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Storage System SerialNumber
Type:	Character
Description:	Serial Number of the Storage System
Select equivalent:	K_SE_StorageSystem.SerialNumber
Where equivalent:	

Qualification:	detail
Associated dimension name:	Storage System Name

List of values:	0fh, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Storage System Status
Type:	Character
Description:	Operational status of the Storage System
Select equivalent:	K_SE_StorageSystem.StorageSystemStatus
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0fi, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Has Reset Capability?
Type:	Character
Description:	Has Reset Capability (flag)
Select equivalent:	K_SE_StorageSystem.HasResetCapability
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0fj, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Has Advanced Retention Management?
Type:	Character
Description:	Has Advanced Retention Management (flag)
Select equivalent:	K_SE_StorageSystem.HasAdvRetentionMgmt
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0fk, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Cache Block Size
Type:	Number
Description:	Cache Block Size
Select equivalent:	K_SE_StorageSystem.CacheBlockSize
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0fl, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Has Compliance Mode?
Type:	Character
Description:	Has Compliance Mode (flag)
Select equivalent:	K_SE_StorageSystem.HasComplianceMode
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0fm, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Domain
Type:	Character
Description:	Domain of the Storage System
Select equivalent:	K_SE_StorageSystem.Domain
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0fn, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Over Subscribed Capacity
Type:	Character

Description:	Over Subscribed Capacity
Select equivalent:	K_SE_StorageSystem.OverSubscribedCapacity
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0fo, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Requested Capacity
Type:	Character
Description:	Requested Capacity
Select equivalent:	K_SE_StorageSystem.RequestedCapacity
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0fp, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Is Manageable?
Type:	Character
Description:	Is Manageable
Select equivalent:	K_SE_StorageSystem.IsManageable
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0fq, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Volume Name Length
Type:	Character
Description:	Maximum allowed length for Volume Names
Select equivalent:	K_SE_StorageSystem.MaxVolumeNameLength
Where equivalent:	

Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0fr, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Replication IP
Type:	Character
Description:	Replication IP Address of the Storage System
Select equivalent:	K_SE_StorageSystem.ReplicationIP
Where equivalent:	

Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0fs, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Replication Pools
Type:	Character
Description:	Replication Pools of the Storage System
Select equivalent:	K_SE_StorageSystem.ReplicationPools
Where equivalent:	

Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0ft, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Replication Status
Type:	Character
Description:	Replication Status of the Storage System
Select equivalent:	K_SE_StorageSystem.ReplicationStatus
Where equivalent:	

Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0fu, editable, manual refresh, not exportable
Security access level:	0

Can be used:	in result, in condition, in sort
Object status:	show

Object:	Storage On Access
Type:	Character
Description:	Storage On Access (flag)
Select equivalent:	K_SE_StorageSystem.StorageOnAccess
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0fv, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Business Cost
Type:	Number
Description:	Business Cost of the Storage System
Select equivalent:	K_SE_StorageSystem.BusinessCost
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0fw, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	DKC Microcode Version
Type:	Character
Description:	DKC Microcode Version of the Storage System
Select equivalent:	K_SE_StorageSystem.DKCMicrocodeVersion
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0fx, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Family
Type:	Character
Description:	Family of the Storage System
Select equivalent:	K_SE_StorageSystem.Family
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0fy, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Hardware Version
Type:	Character
Description:	Hardware Version of the Storage System
Select equivalent:	K_SE_StorageSystem.HardwareVersion
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0g0, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Identifying Descriptions
Type:	Character
Description:	Identifying Descriptions for the Storage System
Select equivalent:	K_SE_StorageSystem.IdentifyingDescriptions
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0g1, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Other Identifying Info
Type:	Character
Description:	Other Identifying Info for the Storage System
Select equivalent:	K_SE_StorageSystem.OtherIdentifyingInfo

Where equivalent:

Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0g2, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Provider Tag
Type:	Character
Description:	Provider Tag of the Storage System
Select equivalent:	K_SE_StorageSystem.ProviderTag
Where equivalent:	

Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0g3, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Parent Name
Type:	Character
Description:	Parent Name for a File System Node/Virtual Server
Select equivalent:	K_SE_StorageSystem.ParentName
Where equivalent:	

Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0g4, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Parent UUID
Type:	Character
Description:	Parent UUID for a File System Node/Virtual Server
Select equivalent:	K_SE_StorageSystem.ParentUUID
Where equivalent:	

Qualification:	detail
Associated dimension name:	Storage System Name

List of values:	0g5, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Power Management
Type:	Character
Description:	Power Management
Select equivalent:	K_SE_StorageSystem.PowerManagement
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0g6, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Roles
Type:	Character
Description:	Roles of the Storage System
Select equivalent:	K_SE_StorageSystem.Roles
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0g7, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Primary Owner Name
Type:	Character
Description:	Primary Owner Name of Storage System
Select equivalent:	K_SE_StorageSystem.PrimaryOwnerName
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0g8, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Primary Owner Contact
Type:	Character
Description:	Primary Owner Contact of Storage System
Select equivalent:	K_SE_StorageSystem.PrimaryOwnerContact
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0g9, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Last Contacted Timestamp
Type:	Date
Description:	Shows the time stamp of w hen the storage system wa s last contacted
Select equivalent:	K_SE_StorageSystem.LastContactedTimestamp
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0ga, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Management URL
Type:	Character
Description:	Management URL of the Storage System
Select equivalent:	K_SE_StorageSystem.ManagementURL
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0gb, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Custom Name
Type:	Character
Description:	Custom Name of the Storage System
Select equivalent:	K_SE_StorageSystem.CustomName
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0gc, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Object Type
Type:	Character
Description:	Object Type
Select equivalent:	K_SE_StorageSystem.ObjectType
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0gd, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Block Processor Name
Type:	Character
Description:	Name of the Block System Processor
Select equivalent:	K_SE_Storage_Processor.SANProcessorName
Where equivalent:	
Qualification:	dimension
List of values:	0ge, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Block Processor Vendor
Type:	Character
Description:	Vendor Name of Block System Processor
Select equivalent:	K_SE_Storage_Processor.Vendor
Where equivalent:	

Qualification:	detail
Associated dimension name:	Block Processor Name
List of values:	0gf, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Description
Type:	Character
Description:	Description of the Block System Processor
Select equivalent:	K_SE_Storage_Processor.Description
Where equivalent:	

Qualification:	detail
Associated dimension name:	Block Processor Name
List of values:	0gg, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	IP Address
Type:	Character
Description:	IP Address of the Block System Processor
Select equivalent:	K_SE_Storage_Processor.IPAddress
Where equivalent:	

Qualification:	detail
Associated dimension name:	Block Processor Name
List of values:	0gh, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	DNS
Type:	Character
Description:	DNS name of the Block System Processor
Select equivalent:	K_SE_Storage_Processor.DNSName
Where equivalent:	

Qualification:	detail
Associated dimension name:	Block Processor Name
List of values:	0gi, editable, manual refresh, not exportable

Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	WWN
Type:	Character
Description:	World Wide Name of the Block System Processor
Select equivalent:	K_SE_Storage_Processor.WWN
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Processor Name
List of values:	0gj, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Block Processor Model
Type:	Character
Description:	Model name of the Block System Processor
Select equivalent:	K_SE_Storage_Processor.Model
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Processor Name
List of values:	0gk, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Storage Processor Power Management
Type:	Character
Description:	Indicates whether Power m anagement is supported or not on the Block System P rocessor
Select equivalent:	K_SE_Storage_Processor.PowerManagement
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Processor Name
List of values:	0gl, editable, manual refresh, not exportable
Security access level:	0

Can be used:	in result, in condition, in sort
Object status:	show

Object:	Serial Number
Type:	Character
Description:	Serial Number of the Block System Processor
Select equivalent:	K_SE_Storage_Processor.SerialNumber
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Processor Name
List of values:	0gm, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Version
Type:	Character
Description:	Version of the Block System Processor
Select equivalent:	K_SE_Storage_Processor.Version
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Processor Name
List of values:	0gn, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Processor Status
Type:	Character
Description:	Status of the Block System Processor
Select equivalent:	K_SE_Storage_Processor.ProcessorStatus
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Processor Name
List of values:	0go, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Reset Capability
Type:	Character
Description:	Reset Capability of the Block System Processor
Select equivalent:	K_SE_Storage_Processor.ResetCapability
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Processor Name
List of values:	0gp, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Block Processor Roles
Type:	Character
Description:	Roles of the Block System Processor
Select equivalent:	K_SE_Storage_Processor.Roles
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Processor Name
List of values:	0gq, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Storage System UUID
Type:	Character
Description:	UUID of the Storage System
Select equivalent:	K_SE_StorageSystem.UUID
Where equivalent:	
Qualification:	dimension
List of values:	0gr, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Block Processor UUID
Type:	Character
Description:	UUID of the Block Processor
Select equivalent:	K_SE_Storage_Processor.SANProcessorUUID
Where equivalent:	

Qualification:	dimension
List of values:	0gs, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Class:	DATETIME(EMC CLARiiON_VNX Controller Performance Statistics)
Description:	

Object:	Year
Type:	Number
Description:	Year
Select equivalent:	DATETIME.TIME_YEAR_NUMBER
Where equivalent:	

Qualification:	dimension
List of values:	0gt, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Month
Type:	Character
Description:	Month Name first Three Characters
Select equivalent:	(SUBSTR(DATETIME.TIME_MONTH_NAME,1,3))
Where equivalent:	

Qualification:	dimension
List of values:	0gu, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Month Name
Type:	Character
Description:	Month Name
Select equivalent:	DATETIME.TIME_MONTH_NAME
Where equivalent:	

Qualification:	detail

Associated dimension name:	Month
List of values:	0gv, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Day
Type:	Number
Description:	Day
Select equivalent:	DATETIME.TIME_DAY_MONTH_NUMBER
Where equivalent:	
Qualification:	dimension
List of values:	0gw, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Day Name
Type:	Character
Description:	Day Name
Select equivalent:	DATETIME.TIME_DAY_NAME
Where equivalent:	
Qualification:	detail
Associated dimension name:	Day
List of values:	0gx, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Hour
Type:	Number
Description:	Hour
Select equivalent:	DATETIME.TIME_HOUR_ID
Where equivalent:	
Qualification:	dimension
List of values:	0gy, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Hour Id
Type:	Number
Description:	Hour Id
Select equivalent:	DATETIME.TIME_HOUR_ID
Where equivalent:	
Qualification:	detail
Associated dimension name:	Hour
List of values:	0h0, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Time Hour Description
Type:	Character
Description:	Time Hour Description
Select equivalent:	DATETIME.TIME_HOUR_DESCRIPTION
Where equivalent:	
Qualification:	detail
Associated dimension name:	Hour
List of values:	0h1, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Full Date
Type:	Date
Description:	Full Date
Select equivalent:	DATETIME.TIME_FULL_DATE
Where equivalent:	
Qualification:	dimension
List of values:	0h2, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Time Is Holiday
Type:	Character
Description:	Time Is Holiday
Select equivalent:	DATETIME.TIME_IS_HOLIDAY

Where equivalent:

Qualification:	detail
Associated dimension name:	Full Date
List of values:	0h3, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Time Is Weekday
Type:	Character
Description:	Time Is Weekday
Select equivalent:	DATETIME.TIME_IS_WEEKDAY
Where equivalent:	

Qualification:	detail
Associated dimension name:	Full Date
List of values:	0h4, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Hour Boundary
Type:	Number
Description:	Hour Boundary
Select equivalent:	DATETIME.HOUR_BOUNDARY
Where equivalent:	

Qualification:	dimension
List of values:	0h5, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	hidden

Object:	Day Boundary
Type:	Number
Description:	Day Boundary
Select equivalent:	DATETIME.DAY_BOUNDARY
Where equivalent:	

Qualification:	dimension
List of values:	0h6, editable, manual refresh, not exportable
Security access level:	0

Can be used:	in result, in condition, in sort
Object status:	hidden

Object:	Week Boundary
Type:	Number
Description:	Week Boundary
Select equivalent:	DATETIME.WEEK_BOUNDARY
Where equivalent:	
Qualification:	dimension
List of values:	0h7, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	hidden

Object:	Month Boundary
Type:	Number
Description:	Month Boundary
Select equivalent:	DATETIME.MONTH_BOUNDARY
Where equivalent:	
Qualification:	dimension
List of values:	0h8, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	hidden

Object:	Year Boundary
Type:	Number
Description:	Year Boundary
Select equivalent:	DATETIME.YEAR_BOUNDARY
Where equivalent:	
Qualification:	dimension
List of values:	0h9, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	hidden

Class:	Raw CLARiiON_VNX Controller Performance Statistics
Description:	

Object:	Total I/O Rate (Req/Sec)
Type:	Number
Description:	I/O Rate - includes rando m reads and writes, but do es not include sequential reads
Select equivalent:	SR_SE_CLAR_VNX_Cntrlr_Stats.TotalIORate
Where equivalent:	
Qualification:	measure
Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Total Data Rate (Bytes/Sec)
Type:	Number
Description:	Total Bytes read and write transferred through the C LARiiON_VNX each second
Select equivalent:	SR_SE_CLAR_VNX_Cntrlr_Stats.TotalDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Read I/O Rate(Req/Sec)
Type:	Number
Description:	Read I/O rate (requests per second)
Select equivalent:	SR_SE_CLAR_VNX_Cntrlr_Stats.ReadIORate
Where equivalent:	
Qualification:	measure
Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Read Data Rate (Bytes/Sec)
Type:	Number
Description:	Read throughput rate
Select equivalent:	SR_SE_CLAR_VNX_Cntrlr_Stats.ReadDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Read Hit Rate (Req/Sec)
Type:	Number
Description:	Read Cache Hit Rate
Select equivalent:	SR_SE_CLAR_VNX_Cntrlr_Stats.ReadHitRate
Where equivalent:	
Qualification:	measure
Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Write I/O Rate (Req/Sec)
Type:	Number
Description:	Write Cache Hit Rate
Select equivalent:	SR_SE_CLAR_VNX_Cntrlr_Stats.WriteIORate
Where equivalent:	
Qualification:	measure
Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Write Hit (Req/Sec)
Type:	Number
Description:	Write cache request rate (requests per second)

Select equivalent:	SR_SE_CLAR_VNX_Cntrlr_Stats.WriteHitRate
Where equivalent:	
Qualification:	measure
Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Write Data Rate (Bytes/Sec)
Type:	Number
Description:	Write Throughput Rate
Select equivalent:	SR_SE_CLAR_VNX_Cntrlr_Stats.WriteDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Read Size (Bytes)
Type:	Number
Description:	Average Read Size
Select equivalent:	SR_SE_CLAR_VNX_Cntrlr_Stats.AvgReadSize
Where equivalent:	
Qualification:	measure
Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Write Size (Bytes)
Type:	Number
Description:	Average Write Size
Select equivalent:	SR_SE_CLAR_VNX_Cntrlr_Stats.AvgWriteSize
Where equivalent:	
Qualification:	measure

Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average IO Response Time(Sec)
Type:	Number
Description:	Average input out Response Time
Select equivalent:	SR_SE_CLAR_VNX_Cntrlr_Stats.AvgIOResponseTime
Where equivalent:	
Qualification:	measure
Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Queue Depth
Type:	Number
Description:	Average Queue Depth
Select equivalent:	SR_SE_CLAR_VNX_Cntrlr_Stats.AvgQueueDepth
Where equivalent:	
Qualification:	measure
Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	%Reads
Type:	Number
Description:	Percentage of read requests performed by the host director
Select equivalent:	SR_SE_CLAR_VNX_Cntrlr_Stats.PctReadIOs
Where equivalent:	
Qualification:	measure
Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort

Object status:	show

Object:	%Writes
Type:	Number
Description:	Percentage of write reque sts performed by the host director over the sample interval
Select equivalent:	SR_SE_CLAR_VNX_Cntrlr_Stats.PctWriteIOs
Where equivalent:	
Qualification:	measure
Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Wait Time (ms)
Type:	Number
Description:	Average Wait Time
Select equivalent:	SR_SE_CLAR_VNX_Cntrlr_Stats.AvgWaitTime
Where equivalent:	
Qualification:	measure
Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Service Time (ms)
Type:	Number
Description:	Average service time in milli seconds
Select equivalent:	SR_SE_CLAR_VNX_Cntrlr_Stats.AvgServiceTime
Where equivalent:	
Qualification:	measure
Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	%Utilization
Type:	Number
Description:	Shows the % utilization of EMC CLARiiON and VXN (Block) Storage controller
Select equivalent:	SR_SE_CLAR_VNX_Cntrlr_Stats.PctUtilization
Where equivalent:	
Qualification:	measure
Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Class:	Hourly CLARiiON_VNX Controller Performance Statistics
Description:	

Object:	Maximum Total I/O Rate (Req/Sec)
Type:	Number
Description:	Maximum I/O Rate - includes random reads and writes, but does not include sequential reads
Select equivalent:	SH_SE_CLAR_VNX_FECntrlr_Stats.MAXTotalIORate
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Total I/O Rate (Req/Sec)
Type:	Number
Description:	Minimum I/O Rate - includes random reads and writes, but does not include sequential reads

Select equivalent:	SH_SE_CLAR_VNX_FECntrlr_Stats.MINTotalIORate
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Total I/O Rate (Req/Sec)
Type:	Number
Description:	Average I/O Rate - include s random reads and writes , but does not include seq uential reads
Select equivalent:	SH_SE_CLAR_VNX_FECntrlr_Stats.AVGTotalIORate
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Total Data Rate (Bytes/Sec)
Type:	Number
Description:	Maximum Total Bytes read and write transferred thro ugh the CLARiiON_VNX each second
Select equivalent:	SH_SE_CLAR_VNX_FECntrlr_Stats.MAXTotalDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object: Minimum Total Data Rate (Bytes/Sec)

Type:	Number
Description:	Minimum Total Bytes read and write transferred thro ugh the CLARiiON_VNX each second
Select equivalent:	SH_SE_CLAR_VNX_FECntrlr_Stats.MINTotalDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Total Data Rate (Bytes/Sec)
Type:	Number
Description:	Average Total Bytes read and write transferred thro ugh the CLARiiON_VNX each second
Select equivalent:	SH_SE_CLAR_VNX_FECntrlr_Stats.AVGTotalDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Read I/O Rate(Req/Sec)
Type:	Number
Description:	Maximum Read I/O rate (requests per second)
Select equivalent:	SH_SE_CLAR_VNX_FECntrlr_Stats.MAXReadIORate
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Read I/O Rate(Req/Sec)
Type:	Number
Description:	Minimum Read I/O rate (requests per second)
Select equivalent:	SH_SE_CLAR_VNX_FECntrlr_Stats.MINReadIORate
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Read I/O Rate(Req/Sec)
Type:	Number
Description:	Average Read I/O rate (requests per second)
Select equivalent:	SH_SE_CLAR_VNX_FECntrlr_Stats.AVGReadIORate
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Read Data Rate (Bytes/Sec)
Type:	Number
Description:	Maximum Read throughput rate
Select equivalent:	SH_SE_CLAR_VNX_FECntrlr_Stats.MAXReadDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Read Data Rate (Bytes/Sec)
Type:	Number
Description:	Minimum Read throughput rate

Select equivalent:	SH_SE_CLAR_VNX_FECntrlr_Stats.MINReadDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Read Data Rate (Bytes/Sec)
Type:	Number
Description:	Average Read throughput rate
Select equivalent:	SH_SE_CLAR_VNX_FECntrlr_Stats.AVGReadDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Read Hit Rate (Req/Sec)
Type:	Number
Description:	Maximum Read Cache Hit Rate
Select equivalent:	SH_SE_CLAR_VNX_FECntrlr_Stats.MAXReadHitRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Read Hit Rate (Req/Sec)
Type:	Number
Description:	Minimum Read Cache Hit Rate
Select equivalent:	SH_SE_CLAR_VNX_FECntrlr_Stats.MINReadHitRate
Where equivalent:	
Qualification:	measure

Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Read Hit Rate (Req/Sec)
Type:	Number
Description:	Average Read Cache Hit Rate
Select equivalent:	SH_SE_CLAR_VNX_FECntrlr_Stats.AVGReadHitRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Write I/O Rate (Req/Sec)
Type:	Number
Description:	Maximum Write Cache Hit Rate
Select equivalent:	SH_SE_CLAR_VNX_FECntrlr_Stats.MAXWriteIORate
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Write I/O Rate (Req/Sec)
Type:	Number
Description:	Minimum Write Cache Hit Rate
Select equivalent:	SH_SE_CLAR_VNX_FECntrlr_Stats.MINWriteIORate
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort

Object status:	show

Object:	Average Write I/O Rate (Req/Sec)
Type:	Number
Description:	Average Write Cache Hit Rate
Select equivalent:	SH_SE_CLAR_VNX_FECntrlr_Stats.AVGWriteIORate
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Write Hit (Req/Sec)
Type:	Number
Description:	Maximum Write cache request rate (requests per second)
Select equivalent:	SH_SE_CLAR_VNX_FECntrlr_Stats.MAXWriteHitRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Write Hit (Req/Sec)
Type:	Number
Description:	Minimum Write cache request rate (requests per second)
Select equivalent:	SH_SE_CLAR_VNX_FECntrlr_Stats.MINWriteHitRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Write Hit (Req/Sec)

Type:	Number
Description:	Average Write cache request rate (requests per second)
Select equivalent:	SH_SE_CLAR_VNX_FECntrlr_Stats.AVGWriteHitRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Write Data Rate (Bytes/Sec)
Type:	Number
Description:	Maximum Write Throughput Rate
Select equivalent:	SH_SE_CLAR_VNX_FECntrlr_Stats.MAXWriteDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Write Data Rate (Bytes/Sec)
Type:	Number
Description:	Minimum Write Throughput Rate
Select equivalent:	SH_SE_CLAR_VNX_FECntrlr_Stats.MINWriteDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Write Data Rate (Bytes/Sec)
Type:	Number
Description:	Average Write Throughput Rate
Select equivalent:	SH_SE_CLAR_VNX_FECntrlr_Stats.AVGWriteDataRate
Where equivalent:	

Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average Read Size (Bytes)
Type:	Number
Description:	Maximum Average Read Size
Select equivalent:	SH_SE_CLAR_VNX_FECntrlr_Stats.MAXAvgReadSize
Where equivalent:	

Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average Read Size (Bytes)
Type:	Number
Description:	Minimum Average Read Size
Select equivalent:	SH_SE_CLAR_VNX_FECntrlr_Stats.MINAvgReadSize
Where equivalent:	

Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average Write Size (Bytes)
Type:	Number
Description:	Maximum Average Write Size
Select equivalent:	SH_SE_CLAR_VNX_FECntrlr_Stats.MAXAvgWriteSize
Where equivalent:	

Qualification:	measure
Aggregate function:	Max
List of values:	no

Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average Write Size (Bytes)
Type:	Number
Description:	Minimum Average Write Size
Select equivalent:	SH_SE_CLAR_VNX_FECntrlr_Stats.MINAvgWriteSize
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average IO Response Time(Sec)
Type:	Number
Description:	Maximum Average input out Response Time
Select equivalent:	SH_SE_CLAR_VNX_FECntrlr_Stats.MAXAvgIOResponseTime
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average IO Response Time(Sec)
Type:	Number
Description:	Minimum Average input out Response Time
Select equivalent:	SH_SE_CLAR_VNX_FECntrlr_Stats.MINAvgIOResponseTime
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average Queue Depth
Type:	Number
Description:	Maximum Average Queue Depth
Select equivalent:	SH_SE_CLAR_VNX_FECntrlr_Stats.MAXAvgQueueDepth
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average Queue Depth
Type:	Number
Description:	Minimum Average Queue Depth
Select equivalent:	SH_SE_CLAR_VNX_FECntrlr_Stats.MINAvgQueueDepth
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum %Reads
Type:	Number
Description:	Maximum Percentage of rea d requests performed by t he host director
Select equivalent:	SH_SE_CLAR_VNX_FECntrlr_Stats.MAXPctReadIOs
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum %Reads

Type:	Number
Description:	Minimum Percentage of read requests performed by the host director
Select equivalent:	SH_SE_CLAR_VNX_FECntrlr_Stats.MINPctReadIOs
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum %Writes
Type:	Number
Description:	Maximum Percentage of wri te requests performed by t he host director over the sample interval
Select equivalent:	SH_SE_CLAR_VNX_FECntrlr_Stats.MAXPctWriteIOs
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum %Writes
Type:	Number
Description:	Minimum Percentage of wri te requests performed by t he host director over the sample interval
Select equivalent:	SH_SE_CLAR_VNX_FECntrlr_Stats.MINPctWriteIOs
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average Wait Time (ms)
Type:	Number
Description:	Maximum Average Wait Time
Select equivalent:	SH_SE_CLAR_VNX_FECntrlr_Stats.MAXAvgWaitTime
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average Wait Time (ms)
Type:	Number
Description:	Minimum Average Wait Time
Select equivalent:	SH_SE_CLAR_VNX_FECntrlr_Stats.MINAvgWaitTime
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average Service Time (ms)
Type:	Number
Description:	Maximum Average service time in milli seconds
Select equivalent:	SH_SE_CLAR_VNX_FECntrlr_Stats.MAXAvgServiceTime
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average Service Time (ms)
Type:	Number
Description:	Minimum Average service time in milli seconds

Select equivalent:	SH_SE_CLAR_VNX_FECntrlr_Stats.MINAvgServiceTime
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum %Utilization
Type:	Number
Description:	Maximum Shows the % utili zation of EMC CLARiiON an d VXN (Block) Storage con troller
Select equivalent:	SH_SE_CLAR_VNX_FECntrlr_Stats.MAXPctUtilization
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum %Utilization
Type:	Number
Description:	Minimum Shows the % utili zation of EMC CLARiiON an d VXN (Block) Storage con troller
Select equivalent:	SH_SE_CLAR_VNX_FECntrlr_Stats.MINPctUtilization
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object: Average %Utilization

Type:	Number
Description:	Average Shows the % utili zation of EMC CLARiiON an d VXN (Block) Storage con troller
Select equivalent:	SH_SE_CLAR_VNX_FECntrlr_Stats.AVGPctUtilization
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Class:	Daily CLARiiON_VNX C ontroller Performance Statistics
Description:	

Object:	Maximum Total I/O Rate (Req/Sec)
Type:	Number
Description:	Maximum I/O Rate - includ es random reads and write s, but does not include se quential reads
Select equivalent:	SD_SE_CLAR_VNX_FECntrlr_Stats.MAXTotalIORate
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Total I/O Rate (Req/Sec)
Type:	Number
Description:	Minimum I/O Rate - includ es random reads and write s, but does not include se quential reads
Select equivalent:	SD_SE_CLAR_VNX_FECntrlr_Stats.MINTotalIORate
Where equivalent:	

Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Total I/O Rate (Req/Sec)
Type:	Number
Description:	Average I/O Rate - include s random reads and writes , but does not include seq uential reads
Select equivalent:	SD_SE_CLAR_VNX_FECntrlr_Stats.AVGTotalIORate
Where equivalent:	

Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Total Data Rate (Bytes/Sec)
Type:	Number
Description:	Maximum Total Bytes read and write transferred thro ugh the CLARiiON_VNX each second
Select equivalent:	SD_SE_CLAR_VNX_FECntrlr_Stats.MAXTotalDataRate
Where equivalent:	

Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Total Data Rate (Bytes/Sec)
Type:	Number
Description:	Minimum Total Bytes read

	and write transferred thro ugh the CLARiiON_VNX each second
Select equivalent:	SD_SE_CLAR_VNX_FECntrlr_Stats.MINTotalDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Total Data Rate (Bytes/Sec)
Type:	Number
Description:	Average Total Bytes read and write transferred thro ugh the CLARiiON_VNX each second
Select equivalent:	SD_SE_CLAR_VNX_FECntrlr_Stats.AVGTotalDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Read I/O Rate(Req/Sec)
Type:	Number
Description:	Maximum Read I/O rate (requests per second)
Select equivalent:	SD_SE_CLAR_VNX_FECntrlr_Stats.MAXReadIORate
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Read I/O Rate(Req/Sec)

Type:	Number
Description:	Minimum Read I/O rate (requests per second)
Select equivalent:	SD_SE_CLAR_VNX_FECntrlr_Stats.MINReadIORate
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Read I/O Rate(Req/Sec)
Type:	Number
Description:	Average Read I/O rate (requests per second)
Select equivalent:	SD_SE_CLAR_VNX_FECntrlr_Stats.AVGReadIORate
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Read Data Rate (Bytes/Sec)
Type:	Number
Description:	Maximum Read throughput rate
Select equivalent:	SD_SE_CLAR_VNX_FECntrlr_Stats.MAXReadDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Read Data Rate (Bytes/Sec)
Type:	Number
Description:	Minimum Read throughput rate
Select equivalent:	SD_SE_CLAR_VNX_FECntrlr_Stats.MINReadDataRate
Where equivalent:	

Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Read Data Rate (Bytes/Sec)
Type:	Number
Description:	Average Read throughput rate
Select equivalent:	SD_SE_CLAR_VNX_FECntrlr_Stats.AVGReadDataRate
Where equivalent:	

Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Read Hit Rate (Req/Sec)
Type:	Number
Description:	Maximum Read Cache Hit Rate
Select equivalent:	SD_SE_CLAR_VNX_FECntrlr_Stats.MAXReadHitRate
Where equivalent:	

Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Read Hit Rate (Req/Sec)
Type:	Number
Description:	Minimum Read Cache Hit Rate
Select equivalent:	SD_SE_CLAR_VNX_FECntrlr_Stats.MINReadHitRate
Where equivalent:	

Qualification:	measure
Aggregate function:	Min
List of values:	no

Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Read Hit Rate (Req/Sec)
Type:	Number
Description:	Average Read Cache Hit Rate
Select equivalent:	SD_SE_CLAR_VNX_FECntrlr_Stats.AVGReadHitRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Write I/O Rate (Req/Sec)
Type:	Number
Description:	Maximum Write Cache Hit Rate
Select equivalent:	SD_SE_CLAR_VNX_FECntrlr_Stats.MAXWriteIORate
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Write I/O Rate (Req/Sec)
Type:	Number
Description:	Minimum Write Cache Hit Rate
Select equivalent:	SD_SE_CLAR_VNX_FECntrlr_Stats.MINWriteIORate
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Write I/O Rate (Req/Sec)
Type:	Number
Description:	Average Write Cache Hit Rate
Select equivalent:	SD_SE_CLAR_VNX_FECntrlr_Stats.AVGWriteIORate
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Write Hit (Req/Sec)
Type:	Number
Description:	Maximum Write cache request rate (requests per second)
Select equivalent:	SD_SE_CLAR_VNX_FECntrlr_Stats.MAXWriteHitRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Write Hit (Req/Sec)
Type:	Number
Description:	Minimum Write cache request rate (requests per second)
Select equivalent:	SD_SE_CLAR_VNX_FECntrlr_Stats.MINWriteHitRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Write Hit (Req/Sec)
Type:	Number
Description:	Average Write cache request rate (requests per second)

Select equivalent:	SD_SE_CLAR_VNX_FECntrlr_Stats.AVGWriteHitRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Write Data Rate (Bytes/Sec)
Type:	Number
Description:	Maximum Write Throughput Rate
Select equivalent:	SD_SE_CLAR_VNX_FECntrlr_Stats.MAXWriteDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Write Data Rate (Bytes/Sec)
Type:	Number
Description:	Minimum Write Throughput Rate
Select equivalent:	SD_SE_CLAR_VNX_FECntrlr_Stats.MINWriteDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Write Data Rate (Bytes/Sec)
Type:	Number
Description:	Average Write Throughput Rate
Select equivalent:	SD_SE_CLAR_VNX_FECntrlr_Stats.AVGWriteDataRate
Where equivalent:	
Qualification:	measure

Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average Read Size (Bytes)
Type:	Number
Description:	Maximum Average Read Size
Select equivalent:	SD_SE_CLAR_VNX_FECntrlr_Stats.MAXAvgReadSize
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average Read Size (Bytes)
Type:	Number
Description:	Minimum Average Read Size
Select equivalent:	SD_SE_CLAR_VNX_FECntrlr_Stats.MINAvgReadSize
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average Write Size (Bytes)
Type:	Number
Description:	Maximum Average Write Size
Select equivalent:	SD_SE_CLAR_VNX_FECntrlr_Stats.MAXAvgWriteSize
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort

Object status:	show

Object:	Minimum Average Write Size (Bytes)
Type:	Number
Description:	Minimum Average Write Size
Select equivalent:	SD_SE_CLAR_VNX_FECntrlr_Stats.MINAvgWriteSize
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average IO Response Time(Sec)
Type:	Number
Description:	Maximum Average input out Response Time
Select equivalent:	SD_SE_CLAR_VNX_FECntrlr_Stats.MAXAvgIOResponseTime
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average IO Response Time(Sec)
Type:	Number
Description:	Minimum Average input out Response Time
Select equivalent:	SD_SE_CLAR_VNX_FECntrlr_Stats.MINAvgIOResponseTime
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average Queue Depth

Type:	Number
Description:	Maximum Average Queue Depth
Select equivalent:	SD_SE_CLAR_VNX_FECntrlr_Stats.MAXAvgQueueDepth
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average Queue Depth
Type:	Number
Description:	Minimum Average Queue Depth
Select equivalent:	SD_SE_CLAR_VNX_FECntrlr_Stats.MINAvgQueueDepth
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum %Reads
Type:	Number
Description:	Maximum Percentage of rea d requests performed by t he host director
Select equivalent:	SD_SE_CLAR_VNX_FECntrlr_Stats.MAXPctReadIOs
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum %Reads
Type:	Number
Description:	Minimum Percentage of read requests performed by the host director

Select equivalent:	SD_SE_CLAR_VNX_FECntrlr_Stats.MINPctReadIOs
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum %Writes
Type:	Number
Description:	Maximum Percentage of wri te requests performed by t he host director over the sample interval
Select equivalent:	SD_SE_CLAR_VNX_FECntrlr_Stats.MAXPctWriteIOs
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum %Writes
Type:	Number
Description:	Minimum Percentage of wri te requests performed by t he host director over the sample interval
Select equivalent:	SD_SE_CLAR_VNX_FECntrlr_Stats.MINPctWriteIOs
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object: Maximum Average Wait Time (ms)

Type:	Number
Description:	Maximum Average Wait Time
Select equivalent:	SD_SE_CLAR_VNX_FECntrlr_Stats.MAXAvgWaitTime
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average Wait Time (ms)
Type:	Number
Description:	Minimum Average Wait Time
Select equivalent:	SD_SE_CLAR_VNX_FECntrlr_Stats.MINAvgWaitTime
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average Service Time (ms)
Type:	Number
Description:	Maximum Average service time in milli seconds
Select equivalent:	SD_SE_CLAR_VNX_FECntrlr_Stats.MAXAvgServiceTime
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average Service Time (ms)
Type:	Number
Description:	Minimum Average service time in milli seconds
Select equivalent:	SD_SE_CLAR_VNX_FECntrlr_Stats.MINAvgServiceTime
Where equivalent:	

Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum %Utilization
Type:	Number
Description:	Maximum Shows the % utili zation of EMC CLARiiON an d VXN (Block) Storage con troller
Select equivalent:	SD_SE_CLAR_VNX_FECntrlr_Stats.MAXPctUtilization
Where equivalent:	

Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum %Utilization
Type:	Number
Description:	Minimum Shows the % utili zation of EMC CLARiiON an d VXN (Block) Storage con troller
Select equivalent:	SD_SE_CLAR_VNX_FECntrlr_Stats.MINPctUtilization
Where equivalent:	

Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average %Utilization
Type:	Number
Description:	Average Shows the % utili

	zation of EMC CLARiiON an d VXN (Block) Storage con troller
Select equivalent:	SD_SE_CLAR_VNX_FECntrlr_Stats.AVGPctUtilization
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Class:	HourlyOLAP-CLARiiON_ VNX Controller Perfor mance Statistics
Description:	

Object:	Maximum Total I/O Rate (Req/Sec)
Type:	Number
Description:	Maximum I/O Rate - includ es random reads and write s, but does not include se quential reads
Select equivalent:	max(SH_SE_CLAR_VNX_FECntrlr_Stats.MAXTotalIORate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Total I/O Rate (Req/Sec)
Type:	Number
Description:	Minimum I/O Rate - includ es random reads and write s, but does not include se quential reads
Select equivalent:	min(SH_SE_CLAR_VNX_FECntrlr_Stats.MINTotalIORate)
Where equivalent:	
Qualification:	measure

Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Total I/O Rate (Req/Sec)
Type:	Number
Description:	Average I/O Rate - include s random reads and writes , but does not include seq uential reads
Select equivalent:	avg(SH_SE_CLAR_VNX_FECntrlr_Stats.AVGTotalIORate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Total Data Rate (Bytes/Sec)
Type:	Number
Description:	Maximum Total Bytes read and write transferred thro ugh the CLARiiON_VNX each second
Select equivalent:	max(SH_SE_CLAR_VNX_FECntrlr_Stats.MAXTotalDataRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Total Data Rate (Bytes/Sec)
Type:	Number
Description:	Minimum Total Bytes read and write transferred thro ugh the CLARiiON_VNX each

	second
Select equivalent:	min(SH_SE_CLAR_VNX_FECntrlr_Stats.MINTotalDataRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Total Data Rate (Bytes/Sec)
Type:	Number
Description:	Average Total Bytes read and write transferred through the CLARiiON_VNX each second
Select equivalent:	avg(SH_SE_CLAR_VNX_FECntrlr_Stats.AVGTotalDataRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Read I/O Rate(Req/Sec)
Type:	Number
Description:	Maximum Read I/O rate (requests per second)
Select equivalent:	max(SH_SE_CLAR_VNX_FECntrlr_Stats.MAXReadIORate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Read I/O Rate(Req/Sec)
Type:	Number
Description:	Minimum Read I/O rate (requests per second)

Select equivalent:	min(SH_SE_CLAR_VNX_FECntrlr_Stats.MINReadIORate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Read I/O Rate(Req/Sec)
Type:	Number
Description:	Average Read I/O rate (requests per second)
Select equivalent:	avg(SH_SE_CLAR_VNX_FECntrlr_Stats.AVGReadIORate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Read Data Rate (Bytes/Sec)
Type:	Number
Description:	Maximum Read throughput rate
Select equivalent:	max(SH_SE_CLAR_VNX_FECntrlr_Stats.MAXReadDataRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Read Data Rate (Bytes/Sec)
Type:	Number
Description:	Minimum Read throughput rate
Select equivalent:	min(SH_SE_CLAR_VNX_FECntrlr_Stats.MINReadDataRate)
Where equivalent:	
Qualification:	measure

Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Read Data Rate (Bytes/Sec)
Type:	Number
Description:	Average Read throughput rate
Select equivalent:	avg(SH_SE_CLAR_VNX_FECntrlr_Stats.AVGReadDataRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Read Hit Rate (Req/Sec)
Type:	Number
Description:	Maximum Read Cache Hit Rate
Select equivalent:	max(SH_SE_CLAR_VNX_FECntrlr_Stats.MAXReadHitRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Read Hit Rate (Req/Sec)
Type:	Number
Description:	Minimum Read Cache Hit Rate
Select equivalent:	min(SH_SE_CLAR_VNX_FECntrlr_Stats.MINReadHitRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort

Object status: show

Object: Average Read Hit Rate (Req/Sec)
Type: Number
Description: Average Read Cache Hit Rate
Select equivalent: avg(SH_SE_CLAR_VNX_FECntrlr_Stats.AVGReadHitRate)
Where equivalent:

Qualification: measure
Aggregate function: Average
List of values: no
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Maximum Write I/O Rate (Req/Sec)
Type: Number
Description: Maximum Write Cache Hit Rate
Select equivalent: max(SH_SE_CLAR_VNX_FECntrlr_Stats.MAXWriteIORate)
Where equivalent:

Qualification: measure
Aggregate function: Max
List of values: no
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Minimum Write I/O Rate (Req/Sec)
Type: Number
Description: Minimum Write Cache Hit Rate
Select equivalent: min(SH_SE_CLAR_VNX_FECntrlr_Stats.MINWriteIORate)
Where equivalent:

Qualification: measure
Aggregate function: Min
List of values: no
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Average Write I/O Rate (Req/Sec)

Type:	Number
Description:	Average Write Cache Hit Rate
Select equivalent:	avg(SH_SE_CLAR_VNX_FECntrlr_Stats.AVGWriteIORate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Write Hit (Req/Sec)
Type:	Number
Description:	Maximum Write cache request rate (requests per second)
Select equivalent:	max(SH_SE_CLAR_VNX_FECntrlr_Stats.MAXWriteHitRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Write Hit (Req/Sec)
Type:	Number
Description:	Minimum Write cache request rate (requests per second)
Select equivalent:	min(SH_SE_CLAR_VNX_FECntrlr_Stats.MINWriteHitRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Write Hit (Req/Sec)
Type:	Number
Description:	Average Write cache request rate (requests per second)
Select equivalent:	avg(SH_SE_CLAR_VNX_FECntrlr_Stats.AVGWriteHitRate)
Where equivalent:	

Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Write Data Rate (Bytes/Sec)
Type:	Number
Description:	Maximum Write Throughput Rate
Select equivalent:	max(SH_SE_CLAR_VNX_FECntrlr_Stats.MAXWriteDataRate)
Where equivalent:	

Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Write Data Rate (Bytes/Sec)
Type:	Number
Description:	Minimum Write Throughput Rate
Select equivalent:	min(SH_SE_CLAR_VNX_FECntrlr_Stats.MINWriteDataRate)
Where equivalent:	

Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Write Data Rate (Bytes/Sec)
Type:	Number
Description:	Average Write Throughput Rate
Select equivalent:	avg(SH_SE_CLAR_VNX_FECntrlr_Stats.AVGWriteDataRate)
Where equivalent:	

Qualification:	measure
Aggregate function:	Average
List of values:	no

Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average Read Size (Bytes)
Type:	Number
Description:	Maximum Average Read Size
Select equivalent:	max(SH_SE_CLAR_VNX_FECntrlr_Stats.MAXAvgReadSize)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average Read Size (Bytes)
Type:	Number
Description:	Minimum Average Read Size
Select equivalent:	min(SH_SE_CLAR_VNX_FECntrlr_Stats.MINAvgReadSize)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average Write Size (Bytes)
Type:	Number
Description:	Maximum Average Write Size
Select equivalent:	max(SH_SE_CLAR_VNX_FECntrlr_Stats.MAXAvgWriteSize)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average Write Size (Bytes)
Type:	Number
Description:	Minimum Average Write Size
Select equivalent:	min(SH_SE_CLAR_VNX_FECntrlr_Stats.MINAvgWriteSize)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average IO Response Time(Sec)
Type:	Number
Description:	Maximum Average input out Response Time
Select equivalent:	max(SH_SE_CLAR_VNX_FECntrlr_Stats.MAXAvgIOResponseTime)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average IO Response Time(Sec)
Type:	Number
Description:	Minimum Average input out Response Time
Select equivalent:	min(SH_SE_CLAR_VNX_FECntrlr_Stats.MINAvgIOResponseTime)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average Queue Depth
Type:	Number
Description:	Maximum Average Queue Depth

Select equivalent:	max(SH_SE_CLAR_VNX_FECntrlr_Stats.MAXAvgQueueDepth)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average Queue Depth
Type:	Number
Description:	Minimum Average Queue Depth
Select equivalent:	min(SH_SE_CLAR_VNX_FECntrlr_Stats.MINAvgQueueDepth)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum %Reads
Type:	Number
Description:	Maximum Percentage of rea d requests performed by t he host director
Select equivalent:	max(SH_SE_CLAR_VNX_FECntrlr_Stats.MAXPctReadIOs)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum %Reads
Type:	Number
Description:	Minimum Percentage of read requests performed by the host director
Select equivalent:	min(SH_SE_CLAR_VNX_FECntrlr_Stats.MINPctReadIOs)
Where equivalent:	

Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum %Writes
Type:	Number
Description:	Maximum Percentage of wri te requests performed by t he host director over the sample interval
Select equivalent:	max(SH_SE_CLAR_VNX_FECntrlr_Stats.MAXPctWriteIOs)
Where equivalent:	

Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum %Writes
Type:	Number
Description:	Minimum Percentage of wri te requests performed by t he host director over the sample interval
Select equivalent:	min(SH_SE_CLAR_VNX_FECntrlr_Stats.MINPctWriteIOs)
Where equivalent:	

Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average Wait Time (ms)
Type:	Number
Description:	Maximum Average Wait Time

Select equivalent:	max(SH_SE_CLAR_VNX_FECntrlr_Stats.MAXAvgWaitTime)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average Wait Time (ms)
Type:	Number
Description:	Minimum Average Wait Time
Select equivalent:	min(SH_SE_CLAR_VNX_FECntrlr_Stats.MINAvgWaitTime)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average Service Time (ms)
Type:	Number
Description:	Maximum Average service time in milli seconds
Select equivalent:	max(SH_SE_CLAR_VNX_FECntrlr_Stats.MAXAvgServiceTime)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average Service Time (ms)
Type:	Number
Description:	Minimum Average service time in milli seconds
Select equivalent:	min(SH_SE_CLAR_VNX_FECntrlr_Stats.MINAvgServiceTime)
Where equivalent:	
Qualification:	measure

Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum %Utilization
Type:	Number
Description:	Maximum Shows the % utili zation of EMC CLARiiON an d VXN (Block) Storage con troller
Select equivalent:	max(SH_SE_CLAR_VNX_FECntrlr_Stats.MAXPctUtilization)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum %Utilization
Type:	Number
Description:	Minimum Shows the % utili zation of EMC CLARiiON an d VXN (Block) Storage con troller
Select equivalent:	min(SH_SE_CLAR_VNX_FECntrlr_Stats.MINPctUtilization)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average %Utilization
Type:	Number
Description:	Average Shows the % utili zation of EMC CLARiiON an d VXN (Block) Storage con

	troller
Select equivalent:	avg(SH_SE_CLAR_VNX_FECntrlr_Stats.AVGPctUtilization)
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Class:	DailyOLAP-CLARiiON_V NX Controller Perform ance Statistics
Description:	

Object:	Maximum Total I/O Rate (Req/Sec)
Type:	Number
Description:	Maximum I/O Rate - includ es random reads and write s, but does not include se quential reads
Select equivalent:	max(SD_SE_CLAR_VNX_FECntrlr_Stats.MAXTotalIORate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Total I/O Rate (Req/Sec)
Type:	Number
Description:	Minimum I/O Rate - includ es random reads and write s, but does not include se quential reads
Select equivalent:	min(SD_SE_CLAR_VNX_FECntrlr_Stats.MINTotalIORate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no

Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Total I/O Rate (Req/Sec)
Type:	Number
Description:	Average I/O Rate - include s random reads and writes , but does not include seq uential reads
Select equivalent:	avg(SD_SE_CLAR_VNX_FECntrlr_Stats.AVGTotalIORate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Total Data Rate (Bytes/Sec)
Type:	Number
Description:	Maximum Total Bytes read and write transferred thro ugh the CLARiiON_VNX each second
Select equivalent:	max(SD_SE_CLAR_VNX_FECntrlr_Stats.MAXTotalDataRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Total Data Rate (Bytes/Sec)
Type:	Number
Description:	Minimum Total Bytes read and write transferred thro ugh the CLARiiON_VNX each second
Select equivalent:	min(SD_SE_CLAR_VNX_FECntrlr_Stats.MINTotalDataRate)

Where equivalent:

Qualification: measure
Aggregate function: Min
List of values: no
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Average Total Data Rate (Bytes/Sec)
Type: Number
Description: Average Total Bytes read and write transferred thro ugh the CLARiiON_VNX each second
Select equivalent: avg(SD_SE_CLAR_VNX_FECntrlr_Stats.AVGTotalDataRate)
Where equivalent:

Qualification: measure
Aggregate function: Average
List of values: no
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Maximum Read I/O Rate(Req/Sec)
Type: Number
Description: Maximum Read I/O rate (requests per second)
Select equivalent: max(SD_SE_CLAR_VNX_FECntrlr_Stats.MAXReadIORate)
Where equivalent:

Qualification: measure
Aggregate function: Max
List of values: no
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Minimum Read I/O Rate(Req/Sec)
Type: Number
Description: Minimum Read I/O rate (requests per second)
Select equivalent: min(SD_SE_CLAR_VNX_FECntrlr_Stats.MINReadIORate)
Where equivalent:

Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Read I/O Rate(Req/Sec)
Type:	Number
Description:	Average Read I/O rate (requests per second)
Select equivalent:	avg(SD_SE_CLAR_VNX_FECntrlr_Stats.AVGReadIORate)
Where equivalent:	

Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Read Data Rate (Bytes/Sec)
Type:	Number
Description:	Maximum Read throughput rate
Select equivalent:	max(SD_SE_CLAR_VNX_FECntrlr_Stats.MAXReadDataRate)
Where equivalent:	

Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Read Data Rate (Bytes/Sec)
Type:	Number
Description:	Minimum Read throughput rate
Select equivalent:	min(SD_SE_CLAR_VNX_FECntrlr_Stats.MINReadDataRate)
Where equivalent:	

Qualification:	measure
Aggregate function:	Min
List of values:	no

Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Read Data Rate (Bytes/Sec)
Type:	Number
Description:	Average Read throughput rate
Select equivalent:	avg(SD_SE_CLAR_VNX_FECntrlr_Stats.AVGReadDataRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Read Hit Rate (Req/Sec)
Type:	Number
Description:	Maximum Read Cache Hit Rate
Select equivalent:	max(SD_SE_CLAR_VNX_FECntrlr_Stats.MAXReadHitRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Read Hit Rate (Req/Sec)
Type:	Number
Description:	Minimum Read Cache Hit Rate
Select equivalent:	min(SD_SE_CLAR_VNX_FECntrlr_Stats.MINReadHitRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Read Hit Rate (Req/Sec)
Type:	Number
Description:	Average Read Cache Hit Rate
Select equivalent:	avg(SD_SE_CLAR_VNX_FECntrlr_Stats.AVGReadHitRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Write I/O Rate (Req/Sec)
Type:	Number
Description:	Maximum Write Cache Hit Rate
Select equivalent:	max(SD_SE_CLAR_VNX_FECntrlr_Stats.MAXWriteIORate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Write I/O Rate (Req/Sec)
Type:	Number
Description:	Minimum Write Cache Hit Rate
Select equivalent:	min(SD_SE_CLAR_VNX_FECntrlr_Stats.MINWriteIORate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Write I/O Rate (Req/Sec)
Type:	Number
Description:	Average Write Cache Hit Rate

Select equivalent:	avg(SD_SE_CLAR_VNX_FECntrlr_Stats.AVGWriteIORate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Write Hit (Req/Sec)
Type:	Number
Description:	Maximum Write cache request rate (requests per second)
Select equivalent:	max(SD_SE_CLAR_VNX_FECntrlr_Stats.MAXWriteHitRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Write Hit (Req/Sec)
Type:	Number
Description:	Minimum Write cache request rate (requests per second)
Select equivalent:	min(SD_SE_CLAR_VNX_FECntrlr_Stats.MINWriteHitRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Write Hit (Req/Sec)
Type:	Number
Description:	Average Write cache request rate (requests per second)
Select equivalent:	avg(SD_SE_CLAR_VNX_FECntrlr_Stats.AVGWriteHitRate)
Where equivalent:	
Qualification:	measure

Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Write Data Rate (Bytes/Sec)
Type:	Number
Description:	Maximum Write Throughput Rate
Select equivalent:	max(SD_SE_CLAR_VNX_FECntrlr_Stats.MAXWriteDataRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Write Data Rate (Bytes/Sec)
Type:	Number
Description:	Minimum Write Throughput Rate
Select equivalent:	min(SD_SE_CLAR_VNX_FECntrlr_Stats.MINWriteDataRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Write Data Rate (Bytes/Sec)
Type:	Number
Description:	Average Write Throughput Rate
Select equivalent:	avg(SD_SE_CLAR_VNX_FECntrlr_Stats.AVGWriteDataRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort

Object status:	show

Object:	Maximum Average Read Size (Bytes)
Type:	Number
Description:	Maximum Average Read Size
Select equivalent:	max(SD_SE_CLAR_VNX_FECntrlr_Stats.MAXAvgReadSize)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average Read Size (Bytes)
Type:	Number
Description:	Minimum Average Read Size
Select equivalent:	min(SD_SE_CLAR_VNX_FECntrlr_Stats.MINAvgReadSize)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average Write Size (Bytes)
Type:	Number
Description:	Maximum Average Write Size
Select equivalent:	max(SD_SE_CLAR_VNX_FECntrlr_Stats.MAXAvgWriteSize)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average Write Size (Bytes)

Type:	Number
Description:	Minimum Average Write Size
Select equivalent:	min(SD_SE_CLAR_VNX_FECntrlr_Stats.MINAvgWriteSize)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average IO Response Time(Sec)
Type:	Number
Description:	Maximum Average input out Response Time
Select equivalent:	max(SD_SE_CLAR_VNX_FECntrlr_Stats.MAXAvgIOResponseTime)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average IO Response Time(Sec)
Type:	Number
Description:	Minimum Average input out Response Time
Select equivalent:	min(SD_SE_CLAR_VNX_FECntrlr_Stats.MINAvgIOResponseTime)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average Queue Depth
Type:	Number
Description:	Maximum Average Queue Depth
Select equivalent:	max(SD_SE_CLAR_VNX_FECntrlr_Stats.MAXAvgQueueDepth)
Where equivalent:	

Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average Queue Depth
Type:	Number
Description:	Minimum Average Queue Depth
Select equivalent:	min(SD_SE_CLAR_VNX_FECntrlr_Stats.MINAvgQueueDepth)
Where equivalent:	

Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum %Reads
Type:	Number
Description:	Maximum Percentage of rea d requests performed by t he host director
Select equivalent:	max(SD_SE_CLAR_VNX_FECntrlr_Stats.MAXPctReadIOs)
Where equivalent:	

Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum %Reads
Type:	Number
Description:	Minimum Percentage of read requests performed by the host director
Select equivalent:	min(SD_SE_CLAR_VNX_FECntrlr_Stats.MINPctReadIOs)
Where equivalent:	

Qualification:	measure

Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum %Writes
Type:	Number
Description:	Maximum Percentage of wri te requests performed by t he host director over the sample interval
Select equivalent:	max(SD_SE_CLAR_VNX_FECntrlr_Stats.MAXPctWriteIOs)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum %Writes
Type:	Number
Description:	Minimum Percentage of wri te requests performed by t he host director over the sample interval
Select equivalent:	min(SD_SE_CLAR_VNX_FECntrlr_Stats.MINPctWriteIOs)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average Wait Time (ms)
Type:	Number
Description:	Maximum Average Wait Time
Select equivalent:	max(SD_SE_CLAR_VNX_FECntrlr_Stats.MAXAvgWaitTime)
Where equivalent:	

Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average Wait Time (ms)
Type:	Number
Description:	Minimum Average Wait Time
Select equivalent:	min(SD_SE_CLAR_VNX_FECntrlr_Stats.MINAvgWaitTime)
Where equivalent:	

Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average Service Time (ms)
Type:	Number
Description:	Maximum Average service time in milli seconds
Select equivalent:	max(SD_SE_CLAR_VNX_FECntrlr_Stats.MAXAvgServiceTime)
Where equivalent:	

Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average Service Time (ms)
Type:	Number
Description:	Minimum Average service time in milli seconds
Select equivalent:	min(SD_SE_CLAR_VNX_FECntrlr_Stats.MINAvgServiceTime)
Where equivalent:	

Qualification:	measure
Aggregate function:	Min
List of values:	no

Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum %Utilization
Type:	Number
Description:	Maximum Shows the % utili zation of EMC CLARiiON an d VXN (Block) Storage con troller
Select equivalent:	max(SD_SE_CLAR_VNX_FECntrlr_Stats.MAXPctUtilization)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum %Utilization
Type:	Number
Description:	Minimum Shows the % utili zation of EMC CLARiiON an d VXN (Block) Storage con troller
Select equivalent:	min(SD_SE_CLAR_VNX_FECntrlr_Stats.MINPctUtilization)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average %Utilization
Type:	Number
Description:	Average Shows the % utili zation of EMC CLARiiON an d VXN (Block) Storage con troller
Select equivalent:	avg(SD_SE_CLAR_VNX_FECntrlr_Stats.AVGPctUtilization)

Where equivalent:

Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Class:	EMC CLARiiON_VNX Port Performance Statistics
Description:	EMC CLARiiON_VNX Port Performance Statistics

No objects

Class:	CLARiiON_VNX Storage Port(EMC CLARiiON_VNX Port Performance Statistics)
Description:	

Object:	SOM Source Name
Type:	Character
Description:	Name of the source SOM server
Select equivalent:	K_SE_StorageSystem.SEiSourceName
Where equivalent:	
Qualification:	dimension
List of values:	0n2, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Tenant Name
Type:	Character
Description:	Tenant Name
Select equivalent:	K_SE_StorageSystem.TenantName
Where equivalent:	
Qualification:	dimension
List of values:	0n3, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Vendor
Type:	Character
Description:	Storage system vendor name
Select equivalent:	K_SE_StorageSystem.Vendor
Where equivalent:	
Qualification:	dimension
List of values:	0n4, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Model
Type:	Character
Description:	Storage System Model Number
Select equivalent:	K_SE_StorageSystem.Model
Where equivalent:	
Qualification:	dimension
List of values:	0n5, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Storage System Name
Type:	Character
Description:	Name of the Storage System
Select equivalent:	K_SE_StorageSystem.StorageSystemName
Where equivalent:	
Qualification:	dimension
List of values:	0n6, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Storage System Description
Type:	Character
Description:	Description about Storage System
Select equivalent:	K_SE_StorageSystem.Description
Where equivalent:	

Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0n7, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Storage System Discovery Status
Type:	Character
Description:	The discovery status of th e storage system such as CREATED, CONTACTED, MISS ING, GENERIC
Select equivalent:	K_SE_StorageSystem.DiscoveryStatus
Where equivalent:	

Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0n8, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Storage System IP Address
Type:	Character
Description:	IP Address of the Storage System
Select equivalent:	K_SE_StorageSystem.IPAddress
Where equivalent:	

Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0n9, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Storage System DNS
Type:	Character
Description:	DNS name of the Storage System
Select equivalent:	K_SE_StorageSystem.DNSName
Where equivalent:	

Qualification:	detail

Associated dimension name:	Storage System Name
List of values:	0na, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Storage System WWN
Type:	Character
Description:	World Wide Number of the Storage System
Select equivalent:	K_SE_StorageSystem.WWN
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0nb, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Storage System SerialNumber
Type:	Character
Description:	Serial Number of the Storage System
Select equivalent:	K_SE_StorageSystem.SerialNumber
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0nc, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Storage System Status
Type:	Character
Description:	Operational status of the Storage System
Select equivalent:	K_SE_StorageSystem.StorageSystemStatus
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0nd, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort

Object status: show

Object: Has Reset Capability?
Type: Character
Description: Has Reset Capability (flag)
Select equivalent: K_SE_StorageSystem.HasResetCapability
Where equivalent:

Qualification: detail
Associated dimension name: Storage System Name
List of values: 0ne, editable, manual refresh, not exportable
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Has Advanced Retention Management?
Type: Character
Description: Has Advanced Retention Management (flag)
Select equivalent: K_SE_StorageSystem.HasAdvRetentionMgmt
Where equivalent:

Qualification: detail
Associated dimension name: Storage System Name
List of values: 0nf, editable, manual refresh, not exportable
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Cache Block Size
Type: Number
Description: Cache Block Size
Select equivalent: K_SE_StorageSystem.CacheBlockSize
Where equivalent:

Qualification: detail
Associated dimension name: Storage System Name
List of values: 0ng, editable, manual refresh, not exportable
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Has Compliance Mode?

Type:	Character
Description:	Has Compliance Mode (flag)
Select equivalent:	K_SE_StorageSystem.HasComplianceMode
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0nh, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Domain
Type:	Character
Description:	Domain of the Storage System
Select equivalent:	K_SE_StorageSystem.Domain
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0ni, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Over Subscribed Capacity
Type:	Character
Description:	Over Subscribed Capacity
Select equivalent:	K_SE_StorageSystem.OverSubscribedCapacity
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0nj, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Requested Capacity
Type:	Character
Description:	Requested Capacity
Select equivalent:	K_SE_StorageSystem.RequestedCapacity
Where equivalent:	

Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0nk, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Is Manageable?
Type:	Character
Description:	Is Manageable
Select equivalent:	K_SE_StorageSystem.IsManageable
Where equivalent:	

Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0nl, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Volume Name Length
Type:	Character
Description:	Maximum allowed length for Volume Names
Select equivalent:	K_SE_StorageSystem.MaxVolumeNameLength
Where equivalent:	

Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0nm, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Replication IP
Type:	Character
Description:	Replication IP Address of the Storage System
Select equivalent:	K_SE_StorageSystem.ReplicationIP
Where equivalent:	

Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0nn, editable, manual refresh, not exportable

Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Replication Pools
Type:	Character
Description:	Replication Pools of the Storage System
Select equivalent:	K_SE_StorageSystem.ReplicationPools
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0no, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Replication Status
Type:	Character
Description:	Replication Status of the Storage System
Select equivalent:	K_SE_StorageSystem.ReplicationStatus
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0np, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Storage On Access
Type:	Character
Description:	Storage On Access (flag)
Select equivalent:	K_SE_StorageSystem.StorageOnAccess
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0nq, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Business Cost
Type:	Number
Description:	Business Cost of the Storage System
Select equivalent:	K_SE_StorageSystem.BusinessCost
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0nr, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	DKC Microcode Version
Type:	Character
Description:	DKC Microcode Version of the Storage System
Select equivalent:	K_SE_StorageSystem.DKCMicrocodeVersion
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0ns, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Family
Type:	Character
Description:	Family of the Storage System
Select equivalent:	K_SE_StorageSystem.Family
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0nt, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Hardware Version
Type:	Character
Description:	Hardware Version of the Storage System

Select equivalent:	K_SE_StorageSystem.HardwareVersion
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0nu, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Identifying Descriptions
Type:	Character
Description:	Identifying Descriptions for the Storage System
Select equivalent:	K_SE_StorageSystem.IdentifyingDescriptions
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0nv, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Other Identifying Info
Type:	Character
Description:	Other Identifying Info for the Storage System
Select equivalent:	K_SE_StorageSystem.OtherIdentifyingInfo
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0nw, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Provider Tag
Type:	Character
Description:	Provider Tag of the Storage System
Select equivalent:	K_SE_StorageSystem.ProviderTag
Where equivalent:	
Qualification:	detail

Associated dimension name:	Storage System Name
List of values:	0nx, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Parent Name
Type:	Character
Description:	Parent Name for a File System Node/Virtual Server
Select equivalent:	K_SE_StorageSystem.ParentName
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0ny, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Parent UUID
Type:	Character
Description:	Parent UUID for a File System Node/Virtual Server
Select equivalent:	K_SE_StorageSystem.ParentUUID
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0o0, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Power Management
Type:	Character
Description:	Power Management
Select equivalent:	K_SE_StorageSystem.PowerManagement
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0o1, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort

Object status:	show

Object:	Roles
Type:	Character
Description:	Roles of the Storage System
Select equivalent:	K_SE_StorageSystem.Roles
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0o2, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Primary Owner Name
Type:	Character
Description:	Primary Owner Name of Storage System
Select equivalent:	K_SE_StorageSystem.PrimaryOwnerName
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0o3, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Primary Owner Contact
Type:	Character
Description:	Primary Owner Contact of Storage System
Select equivalent:	K_SE_StorageSystem.PrimaryOwnerContact
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0o4, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Last Contacted Timestamp

Type:	Date
Description:	Shows the time stamp of w hen the storage system wa s last contacted
Select equivalent:	K_SE_StorageSystem.LastContactedTimestamp
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0o5, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Management URL
Type:	Character
Description:	Management URL of the Storage System
Select equivalent:	K_SE_StorageSystem.ManagementURL
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0o6, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Custom Name
Type:	Character
Description:	Custom Name of the Storage System
Select equivalent:	K_SE_StorageSystem.CustomName
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0o7, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Object Type
Type:	Character
Description:	Object Type

Select equivalent:	K_SE_StorageSystem.ObjectType
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0o8, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Block Processor Name
Type:	Character
Description:	Name of the Block System Processor
Select equivalent:	K_SE_Storage_Processor.SANProcessorName
Where equivalent:	
Qualification:	dimension
List of values:	0o9, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Block Processor Vendor
Type:	Character
Description:	Vendor Name of Block System Processor
Select equivalent:	K_SE_Storage_Processor.Vendor
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Processor Name
List of values:	0oa, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Description
Type:	Character
Description:	Description of the Block System Processor
Select equivalent:	K_SE_Storage_Processor.Description
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Processor Name

List of values:	0ob, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	IP Address
Type:	Character
Description:	IP Address of the Block System Processor
Select equivalent:	K_SE_Storage_Processor.IPAddress
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Processor Name
List of values:	0oc, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	DNS
Type:	Character
Description:	DNS name of the Block System Processor
Select equivalent:	K_SE_Storage_Processor.DNSName
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Processor Name
List of values:	0od, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	WWN
Type:	Character
Description:	World Wide Name of the Block System Processor
Select equivalent:	K_SE_Storage_Processor.WWN
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Processor Name
List of values:	0oe, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Block Processor Model
Type:	Character
Description:	Model name of the Block System Processor
Select equivalent:	K_SE_Storage_Processor.Model
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Processor Name
List of values:	0of, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Storage Processor Power Management
Type:	Character
Description:	Indicates whether Power m anagement is supported or not on the Block System P rocessor
Select equivalent:	K_SE_Storage_Processor.PowerManagement
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Processor Name
List of values:	0og, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Serial Number
Type:	Character
Description:	Serial Number of the Block System Processor
Select equivalent:	K_SE_Storage_Processor.SerialNumber
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Processor Name
List of values:	0oh, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Version
Type:	Character
Description:	Version of the Block System Processor
Select equivalent:	K_SE_Storage_Processor.Version
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Processor Name
List of values:	0oi, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Processor Status
Type:	Character
Description:	Status of the Block System Processor
Select equivalent:	K_SE_Storage_Processor.ProcessorStatus
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Processor Name
List of values:	0oj, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Reset Capability
Type:	Character
Description:	Reset Capability of the Block System Processor
Select equivalent:	K_SE_Storage_Processor.ResetCapability
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Processor Name
List of values:	0ok, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Block Processor Roles
Type:	Character
Description:	Roles of the Block System Processor

Select equivalent:	K_SE_Storage_Processor.Roles
Where equivalent:	
Qualification:	detail
Associated dimension name:	Block Processor Name
List of values:	0ol, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Port Name
Type:	Character
Description:	Block system port name
Select equivalent:	K_SE_Storage_Port.PortName
Where equivalent:	
Qualification:	dimension
List of values:	0om, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Block Port Description
Type:	Character
Description:	Block system port description
Select equivalent:	K_SE_Storage_Port.Description
Where equivalent:	
Qualification:	detail
Associated dimension name:	Port Name
List of values:	0on, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Block Port WWN
Type:	Character
Description:	World Wide Name of the Block system port
Select equivalent:	K_SE_Storage_Port.WWN
Where equivalent:	
Qualification:	detail
Associated dimension name:	Port Name

List of values:	0oo, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Connected To WWN
Type:	Character
Description:	Which WWN is this port connected to?
Select equivalent:	K_SE_Storage_Port.ConnectedToWWN
Where equivalent:	
Qualification:	detail
Associated dimension name:	Port Name
List of values:	0op, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Port State
Type:	Character
Description:	Port State
Select equivalent:	K_SE_Storage_Port.PortState
Where equivalent:	
Qualification:	detail
Associated dimension name:	Port Name
List of values:	0oq, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Port Status
Type:	Character
Description:	Port Status
Select equivalent:	K_SE_Storage_Port.PortStatus
Where equivalent:	
Qualification:	detail
Associated dimension name:	Port Name
List of values:	0or, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Physical State
Type:	Character
Description:	Physical State
Select equivalent:	K_SE_Storage_Port.PhysicalState
Where equivalent:	
Qualification:	detail
Associated dimension name:	Port Name
List of values:	0os, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Port Speed in Gb/s
Type:	Number
Description:	Port Speed in Gb/s
Select equivalent:	K_SE_Storage_Port.PortSpeed
Where equivalent:	
Qualification:	detail
Associated dimension name:	Port Name
List of values:	0ot, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Max Speed in Gb/s
Type:	Number
Description:	Max Speed in Gb/s
Select equivalent:	K_SE_Storage_Port.MaxSpeed
Where equivalent:	
Qualification:	detail
Associated dimension name:	Port Name
List of values:	0ou, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Port Number
Type:	Number

Description:	Port Number
Select equivalent:	K_SE_Storage_Port.PortNumber
Where equivalent:	
Qualification:	detail
Associated dimension name:	Port Name
List of values:	0ov, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	SCSIPort
Type:	Number
Description:	SCSI Port
Select equivalent:	K_SE_Storage_Port.SCSIPort
Where equivalent:	
Qualification:	detail
Associated dimension name:	Port Name
List of values:	0ow, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Connected to Node WWN
Type:	Character
Description:	Which node WWN is the port connected to?
Select equivalent:	K_SE_Storage_Port.ConnectedToNodeWWN
Where equivalent:	
Qualification:	detail
Associated dimension name:	Port Name
List of values:	0ox, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Port Type
Type:	Character
Description:	Port Type
Select equivalent:	K_SE_Storage_Port.PortType
Where equivalent:	

Qualification:	detail
Associated dimension name:	Port Name
List of values:	0oy, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Link Technology
Type:	Character
Description:	Link Technology
Select equivalent:	K_SE_Storage_Port.LinkTechnology
Where equivalent:	

Qualification:	detail
Associated dimension name:	Port Name
List of values:	0p0, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Storage System UUID
Type:	Character
Description:	UUID of the Storage System
Select equivalent:	K_SE_StorageSystem.UUID
Where equivalent:	

Qualification:	dimension
List of values:	0p1, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Block Processor UUID
Type:	Character
Description:	UUID of the Block Processor
Select equivalent:	K_SE_Storage_Processor.SANProcessorUUID
Where equivalent:	

Qualification:	dimension
List of values:	0p2, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Port UUID
Type:	Character
Description:	UUID of the Block System Port
Select equivalent:	K_SE_Storage_Port.PortUUID
Where equivalent:	
Qualification:	dimension
List of values:	0p3, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Class:	DATETIME(EMC CLARiiON_VNX Port Performance Statistics)
Description:	

Object:	Year
Type:	Number
Description:	Year
Select equivalent:	DATETIME.TIME_YEAR_NUMBER
Where equivalent:	
Qualification:	dimension
List of values:	0p4, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Month
Type:	Character
Description:	Month Name first Three Characters
Select equivalent:	(SUBSTR(DATETIME.TIME_MONTH_NAME,1,3))
Where equivalent:	
Qualification:	dimension
List of values:	0p5, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Month Name
Type:	Character
Description:	Month Name
Select equivalent:	DATETIME.TIME_MONTH_NAME
Where equivalent:	
Qualification:	detail
Associated dimension name:	Month
List of values:	0p6, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Day
Type:	Number
Description:	Day
Select equivalent:	DATETIME.TIME_DAY_MONTH_NUMBER
Where equivalent:	
Qualification:	dimension
List of values:	0p7, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Day Name
Type:	Character
Description:	Day Name
Select equivalent:	DATETIME.TIME_DAY_NAME
Where equivalent:	
Qualification:	detail
Associated dimension name:	Day
List of values:	0p8, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Hour
Type:	Number
Description:	Hour
Select equivalent:	DATETIME.TIME_HOUR_ID
Where equivalent:	

Qualification:	dimension
List of values:	0p9, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Hour Id
Type:	Number
Description:	Hour Id
Select equivalent:	DATETIME.TIME_HOUR_ID
Where equivalent:	

Qualification:	detail
Associated dimension name:	Hour
List of values:	0pa, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Time Hour Description
Type:	Character
Description:	Time Hour Description
Select equivalent:	DATETIME.TIME_HOUR_DESCRIPTION
Where equivalent:	

Qualification:	detail
Associated dimension name:	Hour
List of values:	0pb, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Full Date
Type:	Date
Description:	Full Date
Select equivalent:	DATETIME.TIME_FULL_DATE
Where equivalent:	

Qualification:	dimension
List of values:	0pc, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort

Object status: show

Object: Time Is Holiday
Type: Character
Description: Time Is Holiday
Select equivalent: DATETIME.TIME_IS_HOLIDAY
Where equivalent:

Qualification: detail
Associated dimension name: Full Date
List of values: 0pd, editable, manual refresh, not exportable
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Time Is Weekday
Type: Character
Description: Time Is Weekday
Select equivalent: DATETIME.TIME_IS_WEEKDAY
Where equivalent:

Qualification: detail
Associated dimension name: Full Date
List of values: 0pe, editable, manual refresh, not exportable
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Hour Boundary
Type: Number
Description: Hour Boundary
Select equivalent: DATETIME.HOUR_BOUNDARY
Where equivalent:

Qualification: dimension
List of values: 0pf, editable, manual refresh, not exportable
Security access level: 0
Can be used: in result, in condition, in sort
Object status: hidden

Object: Day Boundary
Type: Number

Description:	Day Boundary
Select equivalent:	DATETIME.DAY_BOUNDARY
Where equivalent:	
Qualification:	dimension
List of values:	0pg, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	hidden

Object:	Week Boundary
Type:	Number
Description:	Week Boundary
Select equivalent:	DATETIME.WEEK_BOUNDARY
Where equivalent:	
Qualification:	dimension
List of values:	0ph, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	hidden

Object:	Month Boundary
Type:	Number
Description:	Month Boundary
Select equivalent:	DATETIME.MONTH_BOUNDARY
Where equivalent:	
Qualification:	dimension
List of values:	0pi, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	hidden

Object:	Year Boundary
Type:	Number
Description:	Year Boundary
Select equivalent:	DATETIME.YEAR_BOUNDARY
Where equivalent:	
Qualification:	dimension
List of values:	0pj, editable, manual refresh, not exportable
Security access level:	0

Can be used: in result, in condition, in sort
Object status: hidden

Class: Raw CLARiiON_VNX Port Performance Statistics
Description:

Object: Total IO Rate (Req/Sec)
Type: Number
Description: Number of I/O operations performed each second by the CLARiiON_VNX host por t. This metric represents the activity between the C LARiiON_VNX device and th e host or the SAN device
Select equivalent: SR_SE_CLAR_VNX_FCPort_Stats.TotalIORate
Where equivalent:

Qualification: measure
Aggregate function: None
List of values: no
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Total Data Rate (Bytes/Sec)
Type: Number
Description: Number of Bytes transferr ed through the CLARiiON_V NX host port (entering the CLARiiON_VNX system) eac h second
Select equivalent: SR_SE_CLAR_VNX_FCPort_Stats.TotalDataRate
Where equivalent:

Qualification: measure
Aggregate function: None
List of values: no
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Class: Hourly CLARiiON_VNX Port Performance Statistics
Description:

Object:	Maximum Total IO Rate (Req/Sec)
Type:	Number
Description:	Maximum Number of I/O op erations performed each s econd by the CLARiiON_VNX host port. This metric re presents the activity betw een the CLARiiON_VNX devi ce and the host or the SA N device
Select equivalent:	SH_SE_CLAR_VNX_FCPort_Stats.MAXTotalIORate
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Total IO Rate (Req/Sec)
Type:	Number
Description:	Minimum Number of I/O ope rations performed each se cond by the CLARiiON_VNX host port. This metric rep resents the activity betwe en the CLARiiON_VNX devic e and the host or the SAN device
Select equivalent:	SH_SE_CLAR_VNX_FCPort_Stats.MINTotalIORate
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Total IO Rate (Req/Sec)
Type:	Number

Description:	Average Number of I/O ope rations performed each se cond by the CLARiiON_VNX host port. This metric rep resents the activity betwe en the CLARiiON_VNX devic e and the host or the SAN device
Select equivalent:	SH_SE_CLAR_VNX_FCPort_Stats.AVGTotalIORate
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Total Data Rate (Bytes/Sec)
Type:	Number
Description:	Maximum Number of Bytes t ransferred through the CL ARiiON_VNX host port (ent ering the CLARiiON_VNX sy stem) each second
Select equivalent:	SH_SE_CLAR_VNX_FCPort_Stats.MAXTotalDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Total Data Rate (Bytes/Sec)
Type:	Number
Description:	Minimum Number of Bytes t ransferred through the CL ARiiON_VNX host port (ent ering the CLARiiON_VNX sy stem) each second
Select equivalent:	SH_SE_CLAR_VNX_FCPort_Stats.MINTotalDataRate
Where equivalent:	

Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Total Data Rate (Bytes/Sec)
Type:	Number
Description:	Average Number of Bytes t ransferred through the CL ARiiON_VNX host port (ent ering the CLARiiON_VNX sy stem) each second
Select equivalent:	SH_SE_CLAR_VNX_FCPort_Stats.AVGTotalDataRate
Where equivalent:	

Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Class:	Daily CLARiiON_VNX Port Performance Statistics
Description:	

Object:	Maximum Total IO Rate (Req/Sec)
Type:	Number
Description:	Maximum Number of I/O op erations performed each s econd by the CLARiiON_VNX host port. This metric re presents the activity betw een the CLARiiON_VNX devi ce and the host or the SA N device
Select equivalent:	SD_SE_CLAR_VNX_FCPort_Stats.MAXTotalIORate
Where equivalent:	

Qualification:	measure
Aggregate function:	Max
List of values:	no

Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Total IO Rate (Req/Sec)
Type:	Number
Description:	Minimum Number of I/O ope rations performed each se cond by the CLARiiON_VNX host port. This metric rep resents the activity betwe en the CLARiiON_VNX devic e and the host or the SAN device
Select equivalent:	SD_SE_CLAR_VNX_FCPort_Stats.MINTotalIORate
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Total IO Rate (Req/Sec)
Type:	Number
Description:	Average Number of I/O ope rations performed each se cond by the CLARiiON_VNX host port. This metric rep resents the activity betwe en the CLARiiON_VNX devic e and the host or the SAN device
Select equivalent:	SD_SE_CLAR_VNX_FCPort_Stats.AVGTotalIORate
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Total Data Rate (Bytes/Sec)
Type:	Number
Description:	Maximum Number of Bytes t ransferred through the CL ARiiON_VNX host port (ent ering the CLARiiON_VNX sy stem) each second
Select equivalent:	SD_SE_CLAR_VNX_FCPort_Stats.MAXTotalDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Total Data Rate (Bytes/Sec)
Type:	Number
Description:	Minimum Number of Bytes t ransferred through the CL ARiiON_VNX host port (ent ering the CLARiiON_VNX sy stem) each second
Select equivalent:	SD_SE_CLAR_VNX_FCPort_Stats.MINTotalDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Total Data Rate (Bytes/Sec)
Type:	Number
Description:	Average Number of Bytes t ransferred through the CL ARiiON_VNX host port (ent ering the CLARiiON_VNX sy stem) each second
Select equivalent:	SD_SE_CLAR_VNX_FCPort_Stats.AVGTotalDataRate
Where equivalent:	

Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Class:	HourlyOLAP-CLARiiON_ VNX Port Performance Statistics
Description:	

Object:	Maximum Total IO Rate (Req/Sec)
Type:	Number
Description:	Maximum Number of I/O op erations performed each s econd by the CLARiiON_VNX host port. This metric re presents the activity betw een the CLARiiON_VNX devi ce and the host or the SA N device
Select equivalent:	max(SH_SE_CLAR_VNX_FCPort_Stats.MAXTotalIORate)
Where equivalent:	

Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Total IO Rate (Req/Sec)
Type:	Number
Description:	Minimum Number of I/O ope rations performed each se cond by the CLARiiON_VNX host port. This metric rep resents the activity betwe en the CLARiiON_VNX devic e and the host or the SAN device
Select equivalent:	min(SH_SE_CLAR_VNX_FCPort_Stats.MINTotalIORate)

Where equivalent:

Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Total IO Rate (Req/Sec)
Type:	Number
Description:	Average Number of I/O ope rations performed each se cond by the CLARiiON_VNX host port. This metric rep resents the activity betwe en the CLARiiON_VNX devic e and the host or the SAN device
Select equivalent:	avg(SH_SE_CLAR_VNX_FCPort_Stats.AVGTotalIORate)
Where equivalent:	

Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Total Data Rate (Bytes/Sec)
Type:	Number
Description:	Maximum Number of Bytes t ransferred through the CL ARiiON_VNX host port (ent ering the CLARiiON_VNX sy stem) each second
Select equivalent:	max(SH_SE_CLAR_VNX_FCPort_Stats.MAXTotalDataRate)
Where equivalent:	

Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort

Object status: show

Object: Minimum Total Data Rate (Bytes/Sec)
Type: Number
Description: Minimum Number of Bytes t
ransferred through the CL
ARiiON_VNX host port (ent
ering the CLARiiON_VNX sy
stem) each second
Select equivalent: min(SH_SE_CLAR_VNX_FCPort_Stats.MINTotalDataRate)
Where equivalent:

Qualification: measure
Aggregate function: Min
List of values: no
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Average Total Data Rate (Bytes/Sec)
Type: Number
Description: Average Number of Bytes t
ransferred through the CL
ARiiON_VNX host port (ent
ering the CLARiiON_VNX sy
stem) each second
Select equivalent: avg(SH_SE_CLAR_VNX_FCPort_Stats.AVGTotalDataRate)
Where equivalent:

Qualification: measure
Aggregate function: Average
List of values: no
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Class: DailyOLAP-CLARiiON_V
NX Port Performance S
tatistics
Description:

Object: Maximum Total IO Rate (Req/Sec)
Type: Number

Description:	Maximum Number of I/O op erations performed each s econd by the CLARiiON_VNX host port. This metric re presents the activity betw een the CLARiiON_VNX devi ce and the host or the SA N device
Select equivalent:	max(SD_SE_CLAR_VNX_FCPort_Stats.MAXTotalIORate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Total IO Rate (Req/Sec)
Type:	Number
Description:	Minimum Number of I/O ope rations performed each se cond by the CLARiiON_VNX host port. This metric rep resents the activity betwe en the CLARiiON_VNX devic e and the host or the SAN device
Select equivalent:	min(SD_SE_CLAR_VNX_FCPort_Stats.MINTotalIORate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Total IO Rate (Req/Sec)
Type:	Number
Description:	Average Number of I/O ope rations performed each se cond by the CLARiiON_VNX host port. This metric rep

	resents the activity betwe en the CLARiiON_VNX devic e and the host or the SAN device
Select equivalent:	avg(SD_SE_CLAR_VNX_FCPort_Stats.AVGTotalIORate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Total Data Rate (Bytes/Sec)
Type:	Number
Description:	Maximum Number of Bytes t ransferred through the CL ARiiON_VNX host port (ent ering the CLARiiON_VNX sy stem) each second
Select equivalent:	max(SD_SE_CLAR_VNX_FCPort_Stats.MAXTotalDataRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Total Data Rate (Bytes/Sec)
Type:	Number
Description:	Minimum Number of Bytes t ransferred through the CL ARiiON_VNX host port (ent ering the CLARiiON_VNX sy stem) each second
Select equivalent:	min(SD_SE_CLAR_VNX_FCPort_Stats.MINTotalDataRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no

Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Total Data Rate (Bytes/Sec)
Type:	Number
Description:	Average Number of Bytes t ransferred through the CL ARiiON_VNX host port (ent ering the CLARiiON_VNX sy stem) each second
Select equivalent:	avg(SD_SE_CLAR_VNX_FCPort_Stats.AVGTotalDataRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Class:	EMC CLARiiON_VNX Dis k Drive Performance S tatistics
Description:	EMC CLARiiON_VNX Disk Drive Performance Statistics

No objects

Class:	CLARiiON_VNX Storage Disk(EMC CLARiiON_V NX Disk Drive Perform ance Statistics)
Description:	

Object:	SOM Source Name
Type:	Character
Description:	Name of the source SOM server
Select equivalent:	K_SE_StorageSystem.SEiSourceName
Where equivalent:	
Qualification:	dimension
List of values:	0qo, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort

Object status: show

Object: Tenant Name
Type: Character
Description: Tenant Name
Select equivalent: K_SE_StorageSystem.TenantName
Where equivalent:

Qualification: dimension
List of values: 0qp, editable, manual refresh, not exportable
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Vendor
Type: Character
Description: Storage system vendor name
Select equivalent: K_SE_StorageSystem.Vendor
Where equivalent:

Qualification: dimension
List of values: 0qq, editable, manual refresh, not exportable
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Model
Type: Character
Description: Storage System Model Number
Select equivalent: K_SE_StorageSystem.Model
Where equivalent:

Qualification: dimension
List of values: 0qr, editable, manual refresh, not exportable
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Storage System Name
Type: Character
Description: Name of the Storage System
Select equivalent: K_SE_StorageSystem.StorageSystemName

Where equivalent:

Qualification:	dimension
List of values:	0qs, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Storage System Description
Type:	Character
Description:	Description about Storage System
Select equivalent:	K_SE_StorageSystem.Description
Where equivalent:	

Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0qt, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Storage System Discovery Status
Type:	Character
Description:	The discovery status of th e storage system such as CREATED, CONTACTED, MISS ING, GENERIC
Select equivalent:	K_SE_StorageSystem.DiscoveryStatus
Where equivalent:	

Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0qu, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Storage System IP Address
Type:	Character
Description:	IP Address of the Storage System
Select equivalent:	K_SE_StorageSystem.IPAddress
Where equivalent:	

Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0qv, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Storage System DNS
Type:	Character
Description:	DNS name of the Storage System
Select equivalent:	K_SE_StorageSystem.DNSName
Where equivalent:	

Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0qw, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Storage System WWN
Type:	Character
Description:	World Wide Number of the Storage System
Select equivalent:	K_SE_StorageSystem.WWN
Where equivalent:	

Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0qx, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Storage System SerialNumber
Type:	Character
Description:	Serial Number of the Storage System
Select equivalent:	K_SE_StorageSystem.SerialNumber
Where equivalent:	

Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0qy, editable, manual refresh, not exportable
Security access level:	0

Can be used:	in result, in condition, in sort
Object status:	show

Object:	Storage System Status
Type:	Character
Description:	Operational status of the Storage System
Select equivalent:	K_SE_StorageSystem.StorageSystemStatus
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0r0, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Has Reset Capability?
Type:	Character
Description:	Has Reset Capability (flag)
Select equivalent:	K_SE_StorageSystem.HasResetCapability
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0r1, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Has Advanced Retention Management?
Type:	Character
Description:	Has Advanced Retention Management (flag)
Select equivalent:	K_SE_StorageSystem.HasAdvRetentionMgmt
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0r2, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Cache Block Size
Type:	Number
Description:	Cache Block Size
Select equivalent:	K_SE_StorageSystem.CacheBlockSize
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0r3, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Has Compliance Mode?
Type:	Character
Description:	Has Compliance Mode (flag)
Select equivalent:	K_SE_StorageSystem.HasComplianceMode
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0r4, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Domain
Type:	Character
Description:	Domain of the Storage System
Select equivalent:	K_SE_StorageSystem.Domain
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0r5, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Over Subscribed Capacity
Type:	Character
Description:	Over Subscribed Capacity
Select equivalent:	K_SE_StorageSystem.OverSubscribedCapacity

Where equivalent:

Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0r6, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Requested Capacity
Type:	Character
Description:	Requested Capacity
Select equivalent:	K_SE_StorageSystem.RequestedCapacity
Where equivalent:	

Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0r7, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Is Manageable?
Type:	Character
Description:	Is Manageable
Select equivalent:	K_SE_StorageSystem.IsManageable
Where equivalent:	

Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0r8, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Volume Name Length
Type:	Character
Description:	Maximum allowed length for Volume Names
Select equivalent:	K_SE_StorageSystem.MaxVolumeNameLength
Where equivalent:	

Qualification:	detail
Associated dimension name:	Storage System Name

List of values:	0r9, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Replication IP
Type:	Character
Description:	Replication IP Address of the Storage System
Select equivalent:	K_SE_StorageSystem.ReplicationIP
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0ra, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Replication Pools
Type:	Character
Description:	Replication Pools of the Storage System
Select equivalent:	K_SE_StorageSystem.ReplicationPools
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0rb, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Replication Status
Type:	Character
Description:	Replication Status of the Storage System
Select equivalent:	K_SE_StorageSystem.ReplicationStatus
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0rc, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Storage On Access
Type:	Character
Description:	Storage On Access (flag)
Select equivalent:	K_SE_StorageSystem.StorageOnAccess
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0rd, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Business Cost
Type:	Number
Description:	Business Cost of the Storage System
Select equivalent:	K_SE_StorageSystem.BusinessCost
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0re, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	DKC Microcode Version
Type:	Character
Description:	DKC Microcode Version of the Storage System
Select equivalent:	K_SE_StorageSystem.DKCMicrocodeVersion
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0rf, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Family
Type:	Character

Description:	Family of the Storage System
Select equivalent:	K_SE_StorageSystem.Family
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0rg, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Hardware Version
Type:	Character
Description:	Hardware Version of the Storage System
Select equivalent:	K_SE_StorageSystem.HardwareVersion
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0rh, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Identifying Descriptions
Type:	Character
Description:	Identifying Descriptions for the Storage System
Select equivalent:	K_SE_StorageSystem.IdentifyingDescriptions
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0ri, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Other Identifying Info
Type:	Character
Description:	Other Identifying Info for the Storage System
Select equivalent:	K_SE_StorageSystem.OtherIdentifyingInfo
Where equivalent:	

Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0rj, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Provider Tag
Type:	Character
Description:	Provider Tag of the Storage System
Select equivalent:	K_SE_StorageSystem.ProviderTag
Where equivalent:	

Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0rk, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Parent Name
Type:	Character
Description:	Parent Name for a File System Node/Virtual Server
Select equivalent:	K_SE_StorageSystem.ParentName
Where equivalent:	

Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0rl, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Parent UUID
Type:	Character
Description:	Parent UUID for a File System Node/Virtual Server
Select equivalent:	K_SE_StorageSystem.ParentUUID
Where equivalent:	

Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0rm, editable, manual refresh, not exportable
Security access level:	0

Can be used:	in result, in condition, in sort
Object status:	show

Object:	Power Management
Type:	Character
Description:	Power Management
Select equivalent:	K_SE_StorageSystem.PowerManagement
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0rn, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Roles
Type:	Character
Description:	Roles of the Storage System
Select equivalent:	K_SE_StorageSystem.Roles
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0ro, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Primary Owner Name
Type:	Character
Description:	Primary Owner Name of Storage System
Select equivalent:	K_SE_StorageSystem.PrimaryOwnerName
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0rp, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Primary Owner Contact
Type:	Character
Description:	Primary Owner Contact of Storage System
Select equivalent:	K_SE_StorageSystem.PrimaryOwnerContact
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0rq, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Last Contacted Timestamp
Type:	Date
Description:	Shows the time stamp of w hen the storage system wa s last contacted
Select equivalent:	K_SE_StorageSystem.LastContactedTimestamp
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0rr, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Management URL
Type:	Character
Description:	Management URL of the Storage System
Select equivalent:	K_SE_StorageSystem.ManagementURL
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0rs, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Custom Name
Type:	Character

Description:	Custom Name of the Storage System
Select equivalent:	K_SE_StorageSystem.CustomName
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0rt, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Object Type
Type:	Character
Description:	Object Type
Select equivalent:	K_SE_StorageSystem.ObjectType
Where equivalent:	
Qualification:	detail
Associated dimension name:	Storage System Name
List of values:	0ru, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Disk Drive Name
Type:	Character
Description:	Name of the disk drive
Select equivalent:	K_SE_Storage_DiskDrive.DiskDriveName
Where equivalent:	
Qualification:	dimension
List of values:	0rv, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Disk Drive Vendor
Type:	Character
Description:	Vendor name of the disk drive
Select equivalent:	K_SE_Storage_DiskDrive.Vendor
Where equivalent:	
Qualification:	detail

Associated dimension name:	Disk Drive Name
List of values:	0rw, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Disk Drive Description
Type:	Character
Description:	Description of the disk drive
Select equivalent:	K_SE_Storage_DiskDrive.Description
Where equivalent:	
Qualification:	detail
Associated dimension name:	Disk Drive Name
List of values:	0rx, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Disk Drive Model
Type:	Character
Description:	Model name of the disk drive
Select equivalent:	K_SE_Storage_DiskDrive.Model
Where equivalent:	
Qualification:	detail
Associated dimension name:	Disk Drive Name
List of values:	0ry, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Disk Drive Serial Number
Type:	Character
Description:	Serial Number of the disk drive
Select equivalent:	K_SE_Storage_DiskDrive.SerialNumber
Where equivalent:	
Qualification:	detail
Associated dimension name:	Disk Drive Name
List of values:	0s0, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort

Object status:	show

Object:	Disk Drive Hardware Version
Type:	Character
Description:	Hardware Version of the disk drive
Select equivalent:	K_SE_Storage_DiskDrive.SDDHardwareVersion
Where equivalent:	
Qualification:	detail
Associated dimension name:	Disk Drive Name
List of values:	0s1, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	SCSI BUS
Type:	Character
Description:	SCSI bus of the disk drive
Select equivalent:	K_SE_Storage_DiskDrive.SCSIBUS
Where equivalent:	
Qualification:	detail
Associated dimension name:	Disk Drive Name
List of values:	0s2, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	SCSI LUN
Type:	Character
Description:	SCSI LUN of the disk drive
Select equivalent:	K_SE_Storage_DiskDrive.SCSILUN
Where equivalent:	
Qualification:	detail
Associated dimension name:	Disk Drive Name
List of values:	0s3, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	SCSI Port

Type:	Character
Description:	SCSI port of the disk drive
Select equivalent:	K_SE_Storage_DiskDrive.SCSIPort
Where equivalent:	
Qualification:	detail
Associated dimension name:	Disk Drive Name
List of values:	0s4, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Max Media Size in GiB
Type:	Number
Description:	Maximum Media Size in GiB uses 1024 i.e. base 2 whe n converting values from b ytes to gigabytes
Select equivalent:	K_SE_Storage_DiskDrive.MaxMediaSizeinGiB
Where equivalent:	
Qualification:	detail
Associated dimension name:	Disk Drive Name
List of values:	0s5, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Max Media Size in GB
Type:	Number
Description:	Maximum Media Size in GB uses 1000 i.e. base 10 wh en converting values from bytes to gigabytes
Select equivalent:	K_SE_Storage_DiskDrive.MaxMediaSizeinGB
Where equivalent:	
Qualification:	detail
Associated dimension name:	Disk Drive Name
List of values:	0s6, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Max Block Size
Type:	Number
Description:	Maximum Block Size in Bytes
Select equivalent:	K_SE_Storage_DiskDrive.MaxBlockSize
Where equivalent:	
Qualification:	detail
Associated dimension name:	Disk Drive Name
List of values:	0s7, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Min Block Size
Type:	Number
Description:	Minimum Block Size in Bytes
Select equivalent:	K_SE_Storage_DiskDrive.MinBlockSize
Where equivalent:	
Qualification:	detail
Associated dimension name:	Disk Drive Name
List of values:	0s8, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Enable Status
Type:	Character
Description:	Enable Status
Select equivalent:	K_SE_Storage_DiskDrive.EnableStatus
Where equivalent:	
Qualification:	detail
Associated dimension name:	Disk Drive Name
List of values:	0s9, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Drive Type
Type:	Character
Description:	Type of Drive

Select equivalent:	K_SE_Storage_DiskDrive.DriveType
Where equivalent:	
Qualification:	detail
Associated dimension name:	Disk Drive Name
List of values:	0sa, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Disk Type
Type:	Character
Description:	Type of Disk
Select equivalent:	K_SE_Storage_DiskDrive.DiskType
Where equivalent:	
Qualification:	detail
Associated dimension name:	Disk Drive Name
List of values:	0sb, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Availability
Type:	Character
Description:	Availability
Select equivalent:	K_SE_Storage_DiskDrive.Availability
Where equivalent:	
Qualification:	detail
Associated dimension name:	Disk Drive Name
List of values:	0sc, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	RPM
Type:	Character
Description:	Revolutions per minute
Select equivalent:	K_SE_Storage_DiskDrive.RPM
Where equivalent:	
Qualification:	detail

Associated dimension name:	Disk Drive Name
List of values:	0sd, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Architecture
Type:	Character
Description:	Architecture
Select equivalent:	K_SE_Storage_DiskDrive.Architecture
Where equivalent:	
Qualification:	detail
Associated dimension name:	Disk Drive Name
List of values:	0se, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Storage System UUID
Type:	Character
Description:	UUID of the Storage System
Select equivalent:	K_SE_StorageSystem.UUID
Where equivalent:	
Qualification:	dimension
List of values:	0sf, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Disk Drive UUID
Type:	Character
Description:	UUID of the Disk Drive
Select equivalent:	K_SE_Storage_DiskDrive.DiskDriveUUID
Where equivalent:	
Qualification:	dimension
List of values:	0sg, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Class: DATETIME(EMC CLARiiON_VNX Disk Drive Performance Statistics)

Description:

Object: Year
Type: Number
Description: Year
Select equivalent: DATETIME.TIME_YEAR_NUMBER
Where equivalent:

Qualification: dimension
List of values: 0sh, editable, manual refresh, not exportable
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Month
Type: Character
Description: Month Name first Three Characters
Select equivalent: (SUBSTR(DATETIME.TIME_MONTH_NAME,1,3))
Where equivalent:

Qualification: dimension
List of values: 0si, editable, manual refresh, not exportable
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Month Name
Type: Character
Description: Month Name
Select equivalent: DATETIME.TIME_MONTH_NAME
Where equivalent:

Qualification: detail
Associated dimension name: Month
List of values: 0sj, editable, manual refresh, not exportable
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object:	Day
Type:	Number
Description:	Day
Select equivalent:	DATETIME.TIME_DAY_MONTH_NUMBER
Where equivalent:	
Qualification:	dimension
List of values:	0sk, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Day Name
Type:	Character
Description:	Day Name
Select equivalent:	DATETIME.TIME_DAY_NAME
Where equivalent:	
Qualification:	detail
Associated dimension name:	Day
List of values:	0sl, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Hour
Type:	Number
Description:	Hour
Select equivalent:	DATETIME.TIME_HOUR_ID
Where equivalent:	
Qualification:	dimension
List of values:	0sm, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Hour Id
Type:	Number
Description:	Hour Id
Select equivalent:	DATETIME.TIME_HOUR_ID
Where equivalent:	

Qualification:	detail
Associated dimension name:	Hour
List of values:	0sn, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Time Hour Description
Type:	Character
Description:	Time Hour Description
Select equivalent:	DATETIME.TIME_HOUR_DESCRIPTION
Where equivalent:	

Qualification:	detail
Associated dimension name:	Hour
List of values:	0so, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Full Date
Type:	Date
Description:	Full Date
Select equivalent:	DATETIME.TIME_FULL_DATE
Where equivalent:	

Qualification:	dimension
List of values:	0sp, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Time Is Holiday
Type:	Character
Description:	Time Is Holiday
Select equivalent:	DATETIME.TIME_IS_HOLIDAY
Where equivalent:	

Qualification:	detail
Associated dimension name:	Full Date
List of values:	0sq, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort

Object status: show

Object: Time Is Weekday
Type: Character
Description: Time Is Weekday
Select equivalent: DATETIME.TIME_IS_WEEKDAY
Where equivalent:

Qualification: detail
Associated dimension name: Full Date
List of values: 0sr, editable, manual refresh, not exportable
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Hour Boundary
Type: Number
Description: Hour Boundary
Select equivalent: DATETIME.HOUR_BOUNDARY
Where equivalent:

Qualification: dimension
List of values: 0ss, editable, manual refresh, not exportable
Security access level: 0
Can be used: in result, in condition, in sort
Object status: hidden

Object: Day Boundary
Type: Number
Description: Day Boundary
Select equivalent: DATETIME.DAY_BOUNDARY
Where equivalent:

Qualification: dimension
List of values: 0st, editable, manual refresh, not exportable
Security access level: 0
Can be used: in result, in condition, in sort
Object status: hidden

Object: Week Boundary
Type: Number
Description: Week Boundary

Select equivalent: DATETIME.WEEK_BOUNDARY
Where equivalent:

Qualification: dimension
List of values: 0su, editable, manual refresh, not exportable
Security access level: 0
Can be used: in result, in condition, in sort
Object status: hidden

Object: Month Boundary
Type: Number
Description: Month Boundary
Select equivalent: DATETIME.MONTH_BOUNDARY
Where equivalent:

Qualification: dimension
List of values: 0sv, editable, manual refresh, not exportable
Security access level: 0
Can be used: in result, in condition, in sort
Object status: hidden

Object: Year Boundary
Type: Number
Description: Year Boundary
Select equivalent: DATETIME.YEAR_BOUNDARY
Where equivalent:

Qualification: dimension
List of values: 0sw, editable, manual refresh, not exportable
Security access level: 0
Can be used: in result, in condition, in sort
Object status: hidden

Class: Raw CLARiiON_VNX Dis k Drive Performance S tatistics
Description:

Object: Total IO Rate (Req/Sec)
Type: Number
Description: Number of I/O operations performed each second by the CLARiiON_VNX port. Th

	is metric represents the a ctivity between the CLARii ON_VNX device and the hos t or the SAN device
Select equivalent:	SR_SE_CLAR_VNX_Disk_Stats.TotalIORate
Where equivalent:	
Qualification:	measure
Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Total Data Rate (Bytes/Sec)
Type:	Number
Description:	Number of Bytes transferr ed through the CLARiiON_V NX port (entering the CLA RiiON_VNX system) each se cond
Select equivalent:	SR_SE_CLAR_VNX_Disk_Stats.TotalDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Read Data Rate (Bytes/Sec)
Type:	Number
Description:	Number of Bytes transferr ed through the CLARiiON_V NX port (entering the CLA RiiON_VNX system) each se cond
Select equivalent:	SR_SE_CLAR_VNX_Disk_Stats.ReadDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	None
List of values:	no

Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Read IO Rate (Req/Sec)
Type:	Number
Description:	Percentage of read requests performed by the host director
Select equivalent:	SR_SE_CLAR_VNX_Disk_Stats.ReadIORate
Where equivalent:	
Qualification:	measure
Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Write IO Rate (Req/Sec)
Type:	Number
Description:	Percentage of write reque sts performed by the host director over the sample i nterval
Select equivalent:	SR_SE_CLAR_VNX_Disk_Stats.WriteIORate
Where equivalent:	
Qualification:	measure
Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Write Data Rate (Bytes/Sec)
Type:	Number
Description:	Number of Bytes transferr ed through the CLARiiON_V NX port (entering the CLA RiiON_VNX system) each se cond
Select equivalent:	SR_SE_CLAR_VNX_Disk_Stats.WriteDataRate
Where equivalent:	

Qualification:	measure
Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	%Reads
Type:	Number
Description:	Percentage of read requests performed by the host director
Select equivalent:	SR_SE_CLAR_VNX_Disk_Stats.PctReadIOs
Where equivalent:	

Qualification:	measure
Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	%Writes
Type:	Number
Description:	Percentage of write reque sts performed by the host director over the sample interval
Select equivalent:	SR_SE_CLAR_VNX_Disk_Stats.PctWriteIOs
Where equivalent:	

Qualification:	measure
Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Read Size (Bytes)
Type:	Number
Description:	Average Read Size
Select equivalent:	SR_SE_CLAR_VNX_Disk_Stats.AvgReadSize
Where equivalent:	

Qualification:	measure

Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Write Size (Bytes)
Type:	Number
Description:	Average Write Size
Select equivalent:	SR_SE_CLAR_VNX_Disk_Stats.AvgWriteSize
Where equivalent:	
Qualification:	measure
Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average IO Response Time (ms)
Type:	Number
Description:	Average input out Response Time in milli-seconds
Select equivalent:	SR_SE_CLAR_VNX_Disk_Stats.AvgIOResponseTime
Where equivalent:	
Qualification:	measure
Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Queue Depth
Type:	Number
Description:	Average Queue Depth
Select equivalent:	SR_SE_CLAR_VNX_Disk_Stats.AvgQueueDepth
Where equivalent:	
Qualification:	measure
Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort

Object status: show

Object: % Utilization
Type: Number
Description: Percentage (%) of time that disks in the array group are busy
Select equivalent: SR_SE_CLAR_VNX_Disk_Stats.PctUtilization
Where equivalent:

Qualification: measure
Aggregate function: None
List of values: no
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Average Service Time (ms)
Type: Number
Description: Average service time in milli-seconds
Select equivalent: SR_SE_CLAR_VNX_Disk_Stats.AvgServiceTime
Where equivalent:

Qualification: measure
Aggregate function: None
List of values: no
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Class: Hourly CLARiiON_VNX Disk Performance Statistics
Description:

Object: Maximum Total IO Rate (Req/Sec)
Type: Number
Description: Maximum Number of I/O op
erations performed each s
econd by the CLARiiON_VNX
port. This metric represe
nts the activity between t
he CLARiiON_VNX device an
d the host or the SAN devi
ce
Select equivalent: SH_SE_CLAR_VNX_Disk_Stats.MAXTotalIORate
Where equivalent:

Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Total IO Rate (Req/Sec)
Type:	Number
Description:	Minimum Number of I/O ope rations performed each se cond by the CLARiiON_VNX port. This metric represen ts the activity between th e CLARiiON_VNX device and the host or the SAN devic e
Select equivalent:	SH_SE_CLAR_VNX_Disk_Stats.MINTotalIORate
Where equivalent:	

Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Total IO Rate (Req/Sec)
Type:	Number
Description:	Average Number of I/O ope rations performed each se cond by the CLARiiON_VNX port. This metric represen ts the activity between th e CLARiiON_VNX device and the host or the SAN devic e
Select equivalent:	SH_SE_CLAR_VNX_Disk_Stats.AVGTotalIORate
Where equivalent:	

Qualification:	measure
Aggregate function:	Average
List of values:	no

Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Total Data Rate (Bytes/Sec)
Type:	Number
Description:	Maximum Number of Bytes t ransferred through the CL ARiiON_VNX port (entering the CLARiiON_VNX system) each second
Select equivalent:	SH_SE_CLAR_VNX_Disk_Stats.MAXTotalDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Total Data Rate (Bytes/Sec)
Type:	Number
Description:	Minimum Number of Bytes t ransferred through the CL ARiiON_VNX port (entering the CLARiiON_VNX system) each second
Select equivalent:	SH_SE_CLAR_VNX_Disk_Stats.MINTotalDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Total Data Rate (Bytes/Sec)
Type:	Number
Description:	Average Number of Bytes t ransferred through the CL ARiiON_VNX port (entering

	the CLARiiON_VNX system) each second
Select equivalent:	SH_SE_CLAR_VNX_Disk_Stats.AVGTotalDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Read Data Rate (Bytes/Sec)
Type:	Number
Description:	Maximum Number of Bytes t ransferred through the CL ARiiON_VNX port (entering the CLARiiON_VNX system) each second
Select equivalent:	SH_SE_CLAR_VNX_Disk_Stats.MAXReadDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Read Data Rate (Bytes/Sec)
Type:	Number
Description:	Minimum Number of Bytes t ransferred through the CL ARiiON_VNX port (entering the CLARiiON_VNX system) each second
Select equivalent:	SH_SE_CLAR_VNX_Disk_Stats.MINReadDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort

Object status: show

Object: Average Read Data Rate (Bytes/Sec)
Type: Number
Description: Average Number of Bytes t
ransferred through the CL
ARiiON_VNX port (entering
the CLARiiON_VNX system)
each second
Select equivalent: SH_SE_CLAR_VNX_Disk_Stats.AVGReadDataRate
Where equivalent:

Qualification: measure
Aggregate function: Average
List of values: no
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Maximum Read IO Rate (Req/Sec)
Type: Number
Description: Maximum Percentage of rea
d requests performed by t
he host director
Select equivalent: SH_SE_CLAR_VNX_Disk_Stats.MAXReadIORate
Where equivalent:

Qualification: measure
Aggregate function: Max
List of values: no
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Minimum Read IO Rate (Req/Sec)
Type: Number
Description: Minimum Percentage of read requests performed by the host director
Select equivalent: SH_SE_CLAR_VNX_Disk_Stats.MINReadIORate
Where equivalent:

Qualification: measure
Aggregate function: Min
List of values: no

Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Read IO Rate (Req/Sec)
Type:	Number
Description:	Average Percentage of read requests performed by the host director
Select equivalent:	SH_SE_CLAR_VNX_Disk_Stats.AVGReadIORate
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Write IO Rate (Req/Sec)
Type:	Number
Description:	Maximum Percentage of wri te requests performed by t he host director over the sample interval
Select equivalent:	SH_SE_CLAR_VNX_Disk_Stats.MAXWriteIORate
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Write IO Rate (Req/Sec)
Type:	Number
Description:	Minimum Percentage of wri te requests performed by t he host director over the sample interval
Select equivalent:	SH_SE_CLAR_VNX_Disk_Stats.MINWriteIORate
Where equivalent:	
Qualification:	measure

Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Write IO Rate (Req/Sec)
Type:	Number
Description:	Average Percentage of wri te requests performed by t he host director over the sample interval
Select equivalent:	SH_SE_CLAR_VNX_Disk_Stats.AVGWriteIORate
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Write Data Rate (Bytes/Sec)
Type:	Number
Description:	Maximum Number of Bytes t ransferred through the CL ARiiON_VNX port (entering the CLARiiON_VNX system) each second
Select equivalent:	SH_SE_CLAR_VNX_Disk_Stats.MAXWriteDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Write Data Rate (Bytes/Sec)
Type:	Number
Description:	Minimum Number of Bytes t ransferred through the CL

	ARiiON_VNX port (entering the CLARiiON_VNX system) each second
Select equivalent:	SH_SE_CLAR_VNX_Disk_Stats.MINWriteDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Write Data Rate (Bytes/Sec)
Type:	Number
Description:	Average Number of Bytes t ransferred through the CL ARiiON_VNX port (entering the CLARiiON_VNX system) each second
Select equivalent:	SH_SE_CLAR_VNX_Disk_Stats.AVGWriteDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum %Reads
Type:	Number
Description:	Maximum Percentage of rea d requests performed by t he host director
Select equivalent:	SH_SE_CLAR_VNX_Disk_Stats.MAXPctReadIOs
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum %Reads
Type:	Number
Description:	Minimum Percentage of read requests performed by the host director
Select equivalent:	SH_SE_CLAR_VNX_Disk_Stats.MINPctReadIOs
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum %Writes
Type:	Number
Description:	Maximum Percentage of wri te requests performed by t he host director over the sample interval
Select equivalent:	SH_SE_CLAR_VNX_Disk_Stats.MAXPctWriteIOs
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum %Writes
Type:	Number
Description:	Minimum Percentage of wri te requests performed by t he host director over the sample interval
Select equivalent:	SH_SE_CLAR_VNX_Disk_Stats.MINPctWriteIOs
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0

Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average Read Size (Bytes)
Type:	Number
Description:	Maximum Average Read Size
Select equivalent:	SH_SE_CLAR_VNX_Disk_Stats.MAXAvgReadSize
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average Read Size (Bytes)
Type:	Number
Description:	Minimum Average Read Size
Select equivalent:	SH_SE_CLAR_VNX_Disk_Stats.MINAvgReadSize
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average Write Size (Bytes)
Type:	Number
Description:	Maximum Average Write Size
Select equivalent:	SH_SE_CLAR_VNX_Disk_Stats.MAXAvgWriteSize
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average Write Size (Bytes)
Type:	Number
Description:	Minimum Average Write Size
Select equivalent:	SH_SE_CLAR_VNX_Disk_Stats.MINAvgWriteSize
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average IO Response Time (ms)
Type:	Number
Description:	Maximum Average input out Response Time
Select equivalent:	SH_SE_CLAR_VNX_Disk_Stats.MAXAvgIOResponseTime
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average IO Response Time (ms)
Type:	Number
Description:	Minimum Average input out Response Time
Select equivalent:	SH_SE_CLAR_VNX_Disk_Stats.MINAvgIOResponseTime
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average Queue Depth
Type:	Number
Description:	Maximum Average Queue Depth
Select equivalent:	SH_SE_CLAR_VNX_Disk_Stats.MAXAvgQueueDepth

Where equivalent:

Qualification: measure
Aggregate function: Max
List of values: no
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Minimum Average Queue Depth
Type: Number
Description: Minimum Average Queue Depth
Select equivalent: SH_SE_CLAR_VNX_Disk_Stats.MINAvgQueueDepth
Where equivalent:

Qualification: measure
Aggregate function: Min
List of values: no
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Maximum Average Service Time (ms)
Type: Number
Description: Maximum Average service time in milli-seconds
Select equivalent: SH_SE_CLAR_VNX_Disk_Stats.MAXAvgServiceTime
Where equivalent:

Qualification: measure
Aggregate function: Max
List of values: no
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Minimum Average Service Time (ms)
Type: Number
Description: Minimum Average service time in milli-seconds
Select equivalent: SH_SE_CLAR_VNX_Disk_Stats.MINAvgAvgServiceTime
Where equivalent:

Qualification: measure
Aggregate function: Min

List of values: no
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Maximum %Utilization
Type: Number
Description: Maximum Percentage (%) of
time that disks in the ar
ray group are busy
Select equivalent: SH_SE_CLAR_VNX_Disk_Stats.MAXPctUtil
Where equivalent:

Qualification: measure
Aggregate function: Max
List of values: no
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Minimum %Utilization
Type: Number
Description: Minimum Percentage (%) of
time that disks in the ar
ray group are busy
Select equivalent: SH_SE_CLAR_VNX_Disk_Stats.MINPctUtil
Where equivalent:

Qualification: measure
Aggregate function: Min
List of values: no
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Class: Daily CLARiiON_VNX Disk Performance Statistics
Description:

Object: Maximum Total IO Rate (Req/Sec)
Type: Number
Description: Maximum Number of I/O op
erations performed each s
econd by the CLARiiON_VNX

	port. This metric represe nts the activity between t he CLARiiON_VNX device an d the host or the SAN devi ce
Select equivalent:	SD_SE_CLAR_VNX_Disk_Stats.MAXTotalIORate
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Total IO Rate (Req/Sec)
Type:	Number
Description:	Minimum Number of I/O ope rations performed each se cond by the CLARiiON_VNX port. This metric represen ts the activity between th e CLARiiON_VNX device and the host or the SAN devic e
Select equivalent:	SD_SE_CLAR_VNX_Disk_Stats.MINTotalIORate
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Total IO Rate (Req/Sec)
Type:	Number
Description:	Average Number of I/O ope rations performed each se cond by the CLARiiON_VNX port. This metric represen ts the activity between th e CLARiiON_VNX device and the host or the SAN devic

	e
Select equivalent:	SD_SE_CLAR_VNX_Disk_Stats.AVGTotalIORate
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Total Data Rate (Bytes/Sec)
Type:	Number
Description:	Maximum Number of Bytes t ransferred through the CL ARiiON_VNX port (entering the CLARiiON_VNX system) each second
Select equivalent:	SD_SE_CLAR_VNX_Disk_Stats.MAXTotalDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Total Data Rate (Bytes/Sec)
Type:	Number
Description:	Minimum Number of Bytes t ransferred through the CL ARiiON_VNX port (entering the CLARiiON_VNX system) each second
Select equivalent:	SD_SE_CLAR_VNX_Disk_Stats.MINTotalDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Total Data Rate (Bytes/Sec)
Type:	Number
Description:	Average Number of Bytes t ransferred through the CL ARiiON_VNX port (entering the CLARiiON_VNX system) each second
Select equivalent:	SD_SE_CLAR_VNX_Disk_Stats.AVGTotalDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Read Data Rate (Bytes/Sec)
Type:	Number
Description:	Maximum Number of Bytes t ransferred through the CL ARiiON_VNX port (entering the CLARiiON_VNX system) each second
Select equivalent:	SD_SE_CLAR_VNX_Disk_Stats.MAXReadDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Read Data Rate (Bytes/Sec)
Type:	Number
Description:	Minimum Number of Bytes t ransferred through the CL ARiiON_VNX port (entering the CLARiiON_VNX system) each second
Select equivalent:	SD_SE_CLAR_VNX_Disk_Stats.MINReadDataRate

Where equivalent:

Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Read Data Rate (Bytes/Sec)
Type:	Number
Description:	Average Number of Bytes t ransferred through the CL ARiiON_VNX port (entering the CLARiiON_VNX system) each second
Select equivalent:	SD_SE_CLAR_VNX_Disk_Stats.AVGReadDataRate
Where equivalent:	

Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Read IO Rate (Req/Sec)
Type:	Number
Description:	Maximum Percentage of rea d requests performed by t he host director
Select equivalent:	SD_SE_CLAR_VNX_Disk_Stats.MAXReadIORate
Where equivalent:	

Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Read IO Rate (Req/Sec)
Type:	Number

Description:	Minimum Percentage of read requests performed by the host director
Select equivalent:	SD_SE_CLAR_VNX_Disk_Stats.MINReadIORate
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Read IO Rate (Req/Sec)
Type:	Number
Description:	Average Percentage of read requests performed by the host director
Select equivalent:	SD_SE_CLAR_VNX_Disk_Stats.AVGReadIORate
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Write IO Rate (Req/Sec)
Type:	Number
Description:	Maximum Percentage of wri te requests performed by t he host director over the sample interval
Select equivalent:	SD_SE_CLAR_VNX_Disk_Stats.MAXWriteIORate
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Write IO Rate (Req/Sec)
Type:	Number
Description:	Minimum Percentage of wri

	te requests performed by t he host director over the sample interval
Select equivalent:	SD_SE_CLAR_VNX_Disk_Stats.MINWriteIORate
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Write IO Rate (Req/Sec)
Type:	Number
Description:	Average Percentage of wri te requests performed by t he host director over the sample interval
Select equivalent:	SD_SE_CLAR_VNX_Disk_Stats.AVGWriteIORate
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Write Data Rate (Bytes/Sec)
Type:	Number
Description:	Maximum Number of Bytes t ransferred through the CL ARiiON_VNX port (entering the CLARiiON_VNX system) each second
Select equivalent:	SD_SE_CLAR_VNX_Disk_Stats.MAXWriteDataRate
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort

Object status: show

Object: Minimum Write Data Rate (Bytes/Sec)
Type: Number
Description: Minimum Number of Bytes t
ransferred through the CL
ARiiON_VNX port (entering
the CLARiiON_VNX system)
each second
Select equivalent: SD_SE_CLAR_VNX_Disk_Stats.MINWriteDataRate
Where equivalent:

Qualification: measure
Aggregate function: Min
List of values: no
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Average Write Data Rate (Bytes/Sec)
Type: Number
Description: Average Number of Bytes t
ransferred through the CL
ARiiON_VNX port (entering
the CLARiiON_VNX system)
each second
Select equivalent: SD_SE_CLAR_VNX_Disk_Stats.AVGWriteDataRate
Where equivalent:

Qualification: measure
Aggregate function: Average
List of values: no
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Maximum %Reads
Type: Number
Description: Maximum Percentage of rea
d requests performed by t
he host director
Select equivalent: SD_SE_CLAR_VNX_Disk_Stats.MAXPctReadIOs
Where equivalent:

Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum %Reads
Type:	Number
Description:	Minimum Percentage of read requests performed by the host director
Select equivalent:	SD_SE_CLAR_VNX_Disk_Stats.MINPctReadIOs
Where equivalent:	

Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum %Writes
Type:	Number
Description:	Maximum Percentage of wri te requests performed by t he host director over the sample interval
Select equivalent:	SD_SE_CLAR_VNX_Disk_Stats.MAXPctWriteIOs
Where equivalent:	

Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum %Writes
Type:	Number
Description:	Minimum Percentage of wri te requests performed by t he host director over the sample interval

Select equivalent:	SD_SE_CLAR_VNX_Disk_Stats.MINPctWriteIOs
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average Read Size (Bytes)
Type:	Number
Description:	Maximum Average Read Size
Select equivalent:	SD_SE_CLAR_VNX_Disk_Stats.MAXAvgReadSize
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average Read Size (Bytes)
Type:	Number
Description:	Minimum Average Read Size
Select equivalent:	SD_SE_CLAR_VNX_Disk_Stats.MINAvgReadSize
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average Write Size (Bytes)
Type:	Number
Description:	Maximum Average Write Size
Select equivalent:	SD_SE_CLAR_VNX_Disk_Stats.MAXAvgWriteSize
Where equivalent:	
Qualification:	measure

Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average Write Size (Bytes)
Type:	Number
Description:	Minimum Average Write Size
Select equivalent:	SD_SE_CLAR_VNX_Disk_Stats.MINAvgWriteSize
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average IO Response Time (ms)
Type:	Number
Description:	Maximum Average input out Response Time
Select equivalent:	SD_SE_CLAR_VNX_Disk_Stats.MAXAvgIOResponseTime
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average IO Response Time (ms)
Type:	Number
Description:	Minimum Average input out Response Time
Select equivalent:	SD_SE_CLAR_VNX_Disk_Stats.MINAvgIOResponseTime
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort

Object status: show

Object: Maximum Average Queue Depth
Type: Number
Description: Maximum Average Queue Depth
Select equivalent: SD_SE_CLAR_VNX_Disk_Stats.MAXAvgQueueDepth
Where equivalent:

Qualification: measure
Aggregate function: Max
List of values: no
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Minimum Average Queue Depth
Type: Number
Description: Minimum Average Queue Depth
Select equivalent: SD_SE_CLAR_VNX_Disk_Stats.MINAvgQueueDepth
Where equivalent:

Qualification: measure
Aggregate function: Min
List of values: no
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Maximum Average Service Time (ms)
Type: Number
Description: Maximum Average service time in milli-seconds
Select equivalent: SD_SE_CLAR_VNX_Disk_Stats.MAXAvgServiceTime
Where equivalent:

Qualification: measure
Aggregate function: Max
List of values: no
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Minimum Average Service Time (ms)

Type:	Number
Description:	Minimum Average service time in milli-seconds
Select equivalent:	SD_SE_CLAR_VNX_Disk_Stats.MINAvgAvgServiceTime
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum %Utilization
Type:	Number
Description:	Maximum Percentage (%) of time that disks in the ar ray group are busy
Select equivalent:	SD_SE_CLAR_VNX_Disk_Stats.MAXPctUtil
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum %Utilization
Type:	Number
Description:	Minimum Percentage (%) of time that disks in the ar ray group are busy
Select equivalent:	SD_SE_CLAR_VNX_Disk_Stats.MINPctUtil
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Class: HourlyOLAP-CLARiiON_ VNX Disk Performance

Statistics

Description:

Object:	Maximum Total IO Rate (Req/Sec)
Type:	Number
Description:	Maximum Number of I/O op erations performed each s econd by the CLARiiON_VNX port. This metric represe nts the activity between t he CLARiiON_VNX device an d the host or the SAN devi ce
Select equivalent:	max(SH_SE_CLAR_VNX_Disk_Stats.MAXTotalIORate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Total IO Rate (Req/Sec)
Type:	Number
Description:	Minimum Number of I/O ope rations performed each se cond by the CLARiiON_VNX port. This metric represen ts the activity between th e CLARiiON_VNX device and the host or the SAN devic e
Select equivalent:	min(SH_SE_CLAR_VNX_Disk_Stats.MINTotalIORate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Total IO Rate (Req/Sec)
Type:	Number
Description:	Average Number of I/O ope rations performed each se cond by the CLARiiON_VNX port. This metric represen ts the activity between th e CLARiiON_VNX device and the host or the SAN devic e
Select equivalent:	avg(SH_SE_CLAR_VNX_Disk_Stats.AVGTotalIORate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Total Data Rate (Bytes/Sec)
Type:	Number
Description:	Maximum Number of Bytes t ransferred through the CL ARiiON_VNX port (entering the CLARiiON_VNX system) each second
Select equivalent:	max(SH_SE_CLAR_VNX_Disk_Stats.MAXTotalDataRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Total Data Rate (Bytes/Sec)
Type:	Number
Description:	Minimum Number of Bytes t ransferred through the CL ARiiON_VNX port (entering the CLARiiON_VNX system) each second

Select equivalent:	min(SH_SE_CLAR_VNX_Disk_Stats.MINTotalDataRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Total Data Rate (Bytes/Sec)
Type:	Number
Description:	Average Number of Bytes t ransferred through the CL ARiiON_VNX port (entering the CLARiiON_VNX system) each second
Select equivalent:	avg(SH_SE_CLAR_VNX_Disk_Stats.AVGTotalDataRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Read Data Rate (Bytes/Sec)
Type:	Number
Description:	Maximum Number of Bytes t ransferred through the CL ARiiON_VNX port (entering the CLARiiON_VNX system) each second
Select equivalent:	max(SH_SE_CLAR_VNX_Disk_Stats.MAXReadDataRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Read Data Rate (Bytes/Sec)
Type:	Number
Description:	Minimum Number of Bytes t ransferred through the CL ARiiON_VNX port (entering the CLARiiON_VNX system) each second
Select equivalent:	min(SH_SE_CLAR_VNX_Disk_Stats.MINReadDataRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Read Data Rate (Bytes/Sec)
Type:	Number
Description:	Average Number of Bytes t ransferred through the CL ARiiON_VNX port (entering the CLARiiON_VNX system) each second
Select equivalent:	avg(SH_SE_CLAR_VNX_Disk_Stats.AVGReadDataRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Read IO Rate (Req/Sec)
Type:	Number
Description:	Maximum Percentage of rea d requests performed by t he host director
Select equivalent:	max(SH_SE_CLAR_VNX_Disk_Stats.MAXReadIORate)
Where equivalent:	
Qualification:	measure

Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Read IO Rate (Req/Sec)
Type:	Number
Description:	Minimum Percentage of read requests performed by the host director
Select equivalent:	min(SH_SE_CLAR_VNX_Disk_Stats.MINReadIORate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Read IO Rate (Req/Sec)
Type:	Number
Description:	Average Percentage of read requests performed by the host director
Select equivalent:	avg(SH_SE_CLAR_VNX_Disk_Stats.AVGReadIORate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Write IO Rate (Req/Sec)
Type:	Number
Description:	Maximum Percentage of wri te requests performed by t he host director over the sample interval
Select equivalent:	max(SH_SE_CLAR_VNX_Disk_Stats.MAXWriteIORate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max

List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Write IO Rate (Req/Sec)
Type:	Number
Description:	Minimum Percentage of wri te requests performed by t he host director over the sample interval
Select equivalent:	min(SH_SE_CLAR_VNX_Disk_Stats.MINWriteIORate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Write IO Rate (Req/Sec)
Type:	Number
Description:	Average Percentage of wri te requests performed by t he host director over the sample interval
Select equivalent:	avg(SH_SE_CLAR_VNX_Disk_Stats.AVGWriteIORate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Write Data Rate (Bytes/Sec)
Type:	Number
Description:	Maximum Number of Bytes t ransferred through the CL ARiiON_VNX port (entering the CLARiiON_VNX system)

	each second
Select equivalent:	max(SH_SE_CLAR_VNX_Disk_Stats.MAXWriteDataRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Write Data Rate (Bytes/Sec)
Type:	Number
Description:	Minimum Number of Bytes t ransferred through the CL ARiiON_VNX port (entering the CLARiiON_VNX system) each second
Select equivalent:	min(SH_SE_CLAR_VNX_Disk_Stats.MINWriteDataRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Write Data Rate (Bytes/Sec)
Type:	Number
Description:	Average Number of Bytes t ransferred through the CL ARiiON_VNX port (entering the CLARiiON_VNX system) each second
Select equivalent:	avg(SH_SE_CLAR_VNX_Disk_Stats.AVGWriteDataRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum %Reads
Type:	Number
Description:	Maximum Percentage of rea d requests performed by t he host director
Select equivalent:	max(SH_SE_CLAR_VNX_Disk_Stats.MAXPctReadIOs)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum %Reads
Type:	Number
Description:	Minimum Percentage of read requests performed by the host director
Select equivalent:	min(SH_SE_CLAR_VNX_Disk_Stats.MINPctReadIOs)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum %Writes
Type:	Number
Description:	Maximum Percentage of wri te requests performed by t he host director over the sample interval
Select equivalent:	max(SH_SE_CLAR_VNX_Disk_Stats.MAXPctWriteIOs)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort

Object status: show

Object: Minimum %Writes
Type: Number
Description: Minimum Percentage of wri
te requests performed by t
he host director over the
 sample interval
Select equivalent: min(SH_SE_CLAR_VNX_Disk_Stats.MINPctWriteIOs)
Where equivalent:

Qualification: measure
Aggregate function: Min
List of values: no
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Maximum Average Read Size (Bytes)
Type: Number
Description: Maximum Average Read Size
Select equivalent: max(SH_SE_CLAR_VNX_Disk_Stats.MAXAvgReadSize)
Where equivalent:

Qualification: measure
Aggregate function: Max
List of values: no
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Minimum Average Read Size (Bytes)
Type: Number
Description: Minimum Average Read Size
Select equivalent: min(SH_SE_CLAR_VNX_Disk_Stats.MINAvgReadSize)
Where equivalent:

Qualification: measure
Aggregate function: Min
List of values: no
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object:	Maximum Average Write Size (Bytes)
Type:	Number
Description:	Maximum Average Write Size
Select equivalent:	max(SH_SE_CLAR_VNX_Disk_Stats.MAXAvgWriteSize)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average Write Size (Bytes)
Type:	Number
Description:	Minimum Average Write Size
Select equivalent:	min(SH_SE_CLAR_VNX_Disk_Stats.MINAvgWriteSize)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average IO Response Time (ms)
Type:	Number
Description:	Maximum Average input out Response Time
Select equivalent:	max(SH_SE_CLAR_VNX_Disk_Stats.MAXAvgIOResponseTime)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average IO Response Time (ms)
Type:	Number

Description:	Minimum Average input out Response Time
Select equivalent:	min(SH_SE_CLAR_VNX_Disk_Stats.MINAvgIOResponseTime)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average Queue Depth
Type:	Number
Description:	Maximum Average Queue Depth
Select equivalent:	max(SH_SE_CLAR_VNX_Disk_Stats.MAXAvgQueueDepth)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average Queue Depth
Type:	Number
Description:	Minimum Average Queue Depth
Select equivalent:	min(SH_SE_CLAR_VNX_Disk_Stats.MINAvgQueueDepth)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average Service Time (ms)
Type:	Number
Description:	Maximum Average service time in milli-seconds
Select equivalent:	max(SH_SE_CLAR_VNX_Disk_Stats.MAXAvgServiceTime)
Where equivalent:	

Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average Service Time (ms)
Type:	Number
Description:	Minimum Average service time in milli-seconds
Select equivalent:	min(SH_SE_CLAR_VNX_Disk_Stats.MINAvgAvgServiceTime)
Where equivalent:	

Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum %Utilization
Type:	Number
Description:	Maximum Percentage (%) of time that disks in the ar ray group are busy
Select equivalent:	max(SH_SE_CLAR_VNX_Disk_Stats.MAXPctUtil)
Where equivalent:	

Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum %Utilization
Type:	Number
Description:	Minimum Percentage (%) of time that disks in the ar ray group are busy
Select equivalent:	min(SH_SE_CLAR_VNX_Disk_Stats.MINPctUtil)
Where equivalent:	

Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Class:	DailyOLAP-CLARiiON_VNX Disk Performance Statistics
Description:	

Object:	Maximum Total IO Rate (Req/Sec)
Type:	Number
Description:	Maximum Number of I/O operations performed each second by the CLARiiON_VNX port. This metric represents the activity between the CLARiiON_VNX device and the host or the SAN device
Select equivalent:	max(SD_SE_CLAR_VNX_Disk_Stats.MAXTotalIORate)
Where equivalent:	

Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Total IO Rate (Req/Sec)
Type:	Number
Description:	Minimum Number of I/O operations performed each second by the CLARiiON_VNX port. This metric represents the activity between the CLARiiON_VNX device and the host or the SAN device
Select equivalent:	min(SD_SE_CLAR_VNX_Disk_Stats.MINTotalIORate)
Where equivalent:	

Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Total IO Rate (Req/Sec)
Type:	Number
Description:	Average Number of I/O ope rations performed each se cond by the CLARiiON_VNX port. This metric represen ts the activity between th e CLARiiON_VNX device and the host or the SAN devic e
Select equivalent:	avg(SD_SE_CLAR_VNX_Disk_Stats.AVGTotalIORate)
Where equivalent:	

Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Total Data Rate (Bytes/Sec)
Type:	Number
Description:	Maximum Number of Bytes t ransferred through the CL ARiiON_VNX port (entering the CLARiiON_VNX system) each second
Select equivalent:	max(SD_SE_CLAR_VNX_Disk_Stats.MAXTotalDataRate)
Where equivalent:	

Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Total Data Rate (Bytes/Sec)
Type:	Number
Description:	Minimum Number of Bytes t ransferred through the CL ARiiON_VNX port (entering the CLARiiON_VNX system) each second
Select equivalent:	min(SD_SE_CLAR_VNX_Disk_Stats.MINTotalDataRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Total Data Rate (Bytes/Sec)
Type:	Number
Description:	Average Number of Bytes t ransferred through the CL ARiiON_VNX port (entering the CLARiiON_VNX system) each second
Select equivalent:	avg(SD_SE_CLAR_VNX_Disk_Stats.AVGTotalDataRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Read Data Rate (Bytes/Sec)
Type:	Number
Description:	Maximum Number of Bytes t ransferred through the CL ARiiON_VNX port (entering the CLARiiON_VNX system) each second
Select equivalent:	max(SD_SE_CLAR_VNX_Disk_Stats.MAXReadDataRate)

Where equivalent:

Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Read Data Rate (Bytes/Sec)
Type:	Number
Description:	Minimum Number of Bytes t ransferred through the CL ARiiON_VNX port (entering the CLARiiON_VNX system) each second
Select equivalent:	min(SD_SE_CLAR_VNX_Disk_Stats.MINReadDataRate)

Where equivalent:

Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Read Data Rate (Bytes/Sec)
Type:	Number
Description:	Average Number of Bytes t ransferred through the CL ARiiON_VNX port (entering the CLARiiON_VNX system) each second
Select equivalent:	avg(SD_SE_CLAR_VNX_Disk_Stats.AVGReadDataRate)

Where equivalent:

Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Read IO Rate (Req/Sec)
Type:	Number
Description:	Maximum Percentage of rea d requests performed by t he host director
Select equivalent:	max(SD_SE_CLAR_VNX_Disk_Stats.MAXReadIORate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Read IO Rate (Req/Sec)
Type:	Number
Description:	Minimum Percentage of read requests performed by the host director
Select equivalent:	min(SD_SE_CLAR_VNX_Disk_Stats.MINReadIORate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Read IO Rate (Req/Sec)
Type:	Number
Description:	Average Percentage of read requests performed by the host director
Select equivalent:	avg(SD_SE_CLAR_VNX_Disk_Stats.AVGReadIORate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Write IO Rate (Req/Sec)
Type:	Number

Description:	Maximum Percentage of wri te requests performed by t he host director over the sample interval
Select equivalent:	max(SD_SE_CLAR_VNX_Disk_Stats.MAXWriteIORate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Write IO Rate (Req/Sec)
Type:	Number
Description:	Minimum Percentage of wri te requests performed by t he host director over the sample interval
Select equivalent:	min(SD_SE_CLAR_VNX_Disk_Stats.MINWriteIORate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Average Write IO Rate (Req/Sec)
Type:	Number
Description:	Average Percentage of wri te requests performed by t he host director over the sample interval
Select equivalent:	avg(SD_SE_CLAR_VNX_Disk_Stats.AVGWriteIORate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort

Object status: show

Object: Maximum Write Data Rate (Bytes/Sec)
Type: Number
Description: Maximum Number of Bytes t
ransferred through the CL
ARiiON_VNX port (entering
the CLARiiON_VNX system)
each second
Select equivalent: max(SD_SE_CLAR_VNX_Disk_Stats.MAXWriteDataRate)
Where equivalent:

Qualification: measure
Aggregate function: Max
List of values: no
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Minimum Write Data Rate (Bytes/Sec)
Type: Number
Description: Minimum Number of Bytes t
ransferred through the CL
ARiiON_VNX port (entering
the CLARiiON_VNX system)
each second
Select equivalent: min(SD_SE_CLAR_VNX_Disk_Stats.MINWriteDataRate)
Where equivalent:

Qualification: measure
Aggregate function: Min
List of values: no
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Average Write Data Rate (Bytes/Sec)
Type: Number
Description: Average Number of Bytes t
ransferred through the CL
ARiiON_VNX port (entering
the CLARiiON_VNX system)
each second

Select equivalent:	avg(SD_SE_CLAR_VNX_Disk_Stats.AVGWriteDataRate)
Where equivalent:	
Qualification:	measure
Aggregate function:	Average
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum %Reads
Type:	Number
Description:	Maximum Percentage of rea d requests performed by t he host director
Select equivalent:	max(SD_SE_CLAR_VNX_Disk_Stats.MAXPctReadIOs)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum %Reads
Type:	Number
Description:	Minimum Percentage of read requests performed by the host director
Select equivalent:	min(SD_SE_CLAR_VNX_Disk_Stats.MINPctReadIOs)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum %Writes
Type:	Number
Description:	Maximum Percentage of wri te requests performed by t he host director over the

	sample interval
Select equivalent:	max(SD_SE_CLAR_VNX_Disk_Stats.MAXPctWriteIOs)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum %Writes
Type:	Number
Description:	Minimum Percentage of wri te requests performed by t he host director over the sample interval
Select equivalent:	min(SD_SE_CLAR_VNX_Disk_Stats.MINPctWriteIOs)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average Read Size (Bytes)
Type:	Number
Description:	Maximum Average Read Size
Select equivalent:	max(SD_SE_CLAR_VNX_Disk_Stats.MAXAvgReadSize)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average Read Size (Bytes)
Type:	Number
Description:	Minimum Average Read Size

Select equivalent:	min(SD_SE_CLAR_VNX_Disk_Stats.MINAvgReadSize)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average Write Size (Bytes)
Type:	Number
Description:	Maximum Average Write Size
Select equivalent:	max(SD_SE_CLAR_VNX_Disk_Stats.MAXAvgWriteSize)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average Write Size (Bytes)
Type:	Number
Description:	Minimum Average Write Size
Select equivalent:	min(SD_SE_CLAR_VNX_Disk_Stats.MINAvgWriteSize)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average IO Response Time (ms)
Type:	Number
Description:	Maximum Average input out Response Time
Select equivalent:	max(SD_SE_CLAR_VNX_Disk_Stats.MAXAvgIOResponseTime)
Where equivalent:	
Qualification:	measure

Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average IO Response Time (ms)
Type:	Number
Description:	Minimum Average input out Response Time
Select equivalent:	min(SD_SE_CLAR_VNX_Disk_Stats.MINAvgIOResponseTime)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Maximum Average Queue Depth
Type:	Number
Description:	Maximum Average Queue Depth
Select equivalent:	max(SD_SE_CLAR_VNX_Disk_Stats.MAXAvgQueueDepth)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Minimum Average Queue Depth
Type:	Number
Description:	Minimum Average Queue Depth
Select equivalent:	min(SD_SE_CLAR_VNX_Disk_Stats.MINAvgQueueDepth)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort

Object status: show

Object: Maximum Average Service Time (ms)
Type: Number
Description: Maximum Average service time in milli-seconds
Select equivalent: max(SD_SE_CLAR_VNX_Disk_Stats.MAXAvgServiceTime)
Where equivalent:

Qualification: measure
Aggregate function: Max
List of values: no
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Minimum Average Service Time (ms)
Type: Number
Description: Minimum Average service time in milli-seconds
Select equivalent: min(SD_SE_CLAR_VNX_Disk_Stats.MINAvgAvgServiceTime)
Where equivalent:

Qualification: measure
Aggregate function: Min
List of values: no
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Maximum %Utilization
Type: Number
Description: Maximum Percentage (%) of
time that disks in the ar
ray group are busy
Select equivalent: max(SD_SE_CLAR_VNX_Disk_Stats.MAXPctUtil)
Where equivalent:

Qualification: measure
Aggregate function: Max
List of values: no
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object:	Minimum %Utilization
Type:	Number
Description:	Minimum Percentage (%) of time that disks in the ar ray group are busy
Select equivalent:	min(SD_SE_CLAR_VNX_Disk_Stats.MINPctUtil)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Class:	Supplemental
Description:	

Object:	FC Port Key
Type:	Number
Description:	
Select equivalent:	K_SE_Storage_Port.dsi_key_id
Where equivalent:	
Qualification:	dimension
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	hidden

Object:	Controller Key
Type:	Number
Description:	
Select equivalent:	K_SE_Storage_Processor.dsi_key_id
Where equivalent:	
Qualification:	dimension
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	hidden

Object:	Storage Pool Key
Type:	Number
Description:	
Select equivalent:	K_SE_Storage_Pool.dsi_key_id
Where equivalent:	
Qualification:	dimension
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	hidden

Object:	Disk Drive Key
Type:	Number
Description:	
Select equivalent:	K_SE_Storage_DiskDrive.dsi_key_id
Where equivalent:	
Qualification:	dimension
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	hidden

Object:	Storage Volume Key
Type:	Number
Description:	
Select equivalent:	K_SE_Storage_Volume.dsi_key_id
Where equivalent:	
Qualification:	dimension
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	hidden

Object:	Storage System Key
Type:	Number

Description:

Select equivalent: K_SE_StorageSystem.dsi_key_id
Where equivalent:

Qualification: dimension
List of values: no
Security access level: 0
Can be used: in result, in condition, in sort
Object status: hidden

Class: Date Time Period
Description:

Object: Date
Type: Date
Description:

Select equivalent: convert(date,Dateformat(DATETIME.TIME_FULL_DATE,'yyyy-mm-dd'))
Where equivalent:

Qualification: dimension
List of values: 3jj, editable, manual refresh, not exportable
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: SHRDate
Type: Date
Description: SHR Date
Select equivalent: Date(SHRDate.SHRDate)
Where equivalent:

Qualification: dimension
List of values: 1ny, editable, manual refresh, not exportable
Security access level: 0
Can be used: in result, in condition, in sort
Object status: hidden

Object: Start Date
Type: Date

Description:	Date Min Range
Select equivalent:	DATETIMERANGE.DATE_RANGE_MIN
Where equivalent:	
Qualification:	dimension
List of values:	3jk, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	End Date
Type:	Date
Description:	Date Max Range
Select equivalent:	DATETIMERANGE.DATE_RANGE_MAX
Where equivalent:	
Qualification:	dimension
List of values:	3jl, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Date Range
Type:	Character
Description:	Date Range
Select equivalent:	DATETIMERANGE.Date_Range
Where equivalent:	
Qualification:	dimension
List of values:	3jm, editable, automatic refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Full Date-Hourly
Type:	Date
Description:	Full Date
Select equivalent:	cast(substring(Cast(DATET IME.TIME_FULL_DATE as ch ar(26)),1,10) as datetime)
Where equivalent:	DATETIME.HOUR_BOUNDARY=1
Qualification:	dimension
List of values:	1nm, editable, manual refresh, not exportable

Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Full Date-Daily
Type:	Date
Description:	Full Date
Select equivalent:	cast(substring(Cast(DATETIME.TIME_FULL_DATE as char(26)),1,10) as datetime)
Where equivalent:	DATETIME.DAY_BOUNDARY=1
Qualification:	dimension
List of values:	1np, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Full Date-Min
Type:	Date
Description:	Full Date
Select equivalent:	Min(DATETIME.TIME_FULL_DATE)
Where equivalent:	
Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	Full Date-Max
Type:	Date
Description:	Full Date
Select equivalent:	Max(DATETIME.TIME_FULL_DATE)
Where equivalent:	
Qualification:	measure
Aggregate function:	Max
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Class: CLARiiON_VNX_CNTRLR_Measures
Description:

No objects

Class: Raw CLARiiON_VNX Controller Measures
Description:

Object: RAW Aggregate Measure
Type: Number
Description:

Select equivalent:

```
case CLAR_CNTRLR_MEASURE_RAW.Measure
when 'Total I/O Rate (Req
/Sec)' then SR_SE_CLAR_VN
X_Cntrlr_Stats.TotalIORate

when 'Total Data Rate (By
tes/Sec)' then SR_SE_CLAR
_VNX_Cntrlr_Stats.TotalDa
taRate
when 'Read I/O Rate(Req/S
ec)' then SR_SE_CLAR_VNX_
Cntrlr_Stats.ReadIORate
when 'Read Data Rate (Byt
es/Sec)' then SR_SE_CLAR_
VNX_Cntrlr_Stats.ReadData
Rate
when 'Read Hit Rate (Req/
Sec)' then SR_SE_CLAR_VNX
_Cntrlr_Stats.ReadHitRate
when 'Write I/O Rate (Req
/Sec)' then SR_SE_CLAR_VN
X_Cntrlr_Stats.WriteIORat
e
when 'Write Hit (Req/Sec)'
 then SR_SE_CLAR_VNX_Cnt
rlr_Stats.WriteHitRate
when 'Write Data Rate (By
tes/Sec)' then SR_SE_CLAR
_VNX_Cntrlr_Stats.WriteDa
taRate
when 'Average Read Size (
Bytes)' then SR_SE_CLAR_V
```

NX_Cntrlr_Stats.AvgReadSi
ze
when 'Average Write Size
(Bytes)' then SR_SE_CLAR_
VNX_Cntrlr_Stats.AvgWrite
Size
when 'Average IO Response
 Time(Sec)' then SR_SE_CL
AR_VNX_Cntrlr_Stats.AvgIO
ResponseTime
when 'Average Queue Depth
' then SR_SE_CLAR_VNX_Cn
trlr_Stats.AvgQueueDepth
when '%Reads' then SR_SE_CLAR_VNX_Cntrlr_Stats.PctReadIOs
when '%Writes' then SR_SE_CLAR_VNX_Cntrlr_Stats.PctWriteIOs
when 'Average Wait Time (
ms)' then SR_SE_CLAR_VNX
_Cntrlr_Stats.AvgWaitTime
when 'Average Service Tim
e (ms)' then SR_SE_CLAR_V
NX_Cntrlr_Stats.AvgServic
eTime
when '%Utilization' then S
R_SE_CLAR_VNX_Cntrlr_Stat
s.PctUtilization
else 0
end

Where equivalent:

Qualification: measure
Aggregate function: None
List of values: no
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Raw Measure
Type: Character
Description:

Select equivalent: CLAR_CNTRLR_MEASURE_RAW.Measure
Where equivalent:

Qualification: dimension
List of values: 1pf, editable, manual refresh, not exportable

Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Class: Hourly CLARiiON_VNX Controller Measures
Description:

Object: Hourly Aggregate Measure
Type: Number
Description:

Select equivalent:

```
case CLAR_CNTRLR_HISTORY_MEASURE.Measure
When 'Maximum Total I/O R
ate (Req/Sec)' Then SH_SE
_CLAR_VNX_FECntrlr_Stats.
MAXTotalIORate
When 'Average Total I/O R
ate (Req/Sec)' Then SH_SE
_CLAR_VNX_FECntrlr_Stats.
AVGTotalIORate
When 'Minimum Total I/O R
ate (Req/Sec)' Then SH_SE
_CLAR_VNX_FECntrlr_Stats.
MINTotalIORate
When 'Maximum Total Data
Rate (Bytes/Sec)' Then SH
_SE_CLAR_VNX_FECntrlr_St
ats.MAXTotalDataRate
When 'Average Total Data
Rate (Bytes/Sec)' Then SH
_SE_CLAR_VNX_FECntrlr_St
ats.AVGTotalDataRate
When 'Minimum Total Data
Rate (Bytes/Sec)' Then SH
_SE_CLAR_VNX_FECntrlr_St
ats.MINTotalDataRate
When 'Maximum Read Hit R
ate (Req/Sec)' Then SH_SE
_CLAR_VNX_FECntrlr_Stats.
MAXReadIORate
When 'Average Read Hit Ra
te (Req/Sec)' Then SH_SE_
CLAR_VNX_FECntrlr_Stats.A
VGReadIORate
When 'Minimum Read Hit Ra
```

te (Req/Sec)' Then SH_SE_
CLAR_VNX_FECntrlr_Stats.M
INReadIORate
When 'Maximum Read Data
Rate (Bytes/Sec)' Then SH
_SE_CLAR_VNX_FECntrlr_St
ats.MAXReadDataRate
When 'Average Read Data R
ate (Bytes/Sec)' Then SH_
SE_CLAR_VNX_FECntrlr_Stat
s.AVGReadDataRate
When 'Minimum Read Data
Rate (Bytes/Sec)' Then SH
_SE_CLAR_VNX_FECntrlr_St
ats.MINReadDataRate
When 'Maximum Read I/O R
ate(Req/Sec)' Then SH_SE_
CLAR_VNX_FECntrlr_Stats.M
AXReadHitRate
When 'Average Read I/O Ra
te(Req/Sec)' Then SH_SE_C
LAR_VNX_FECntrlr_Stats.AV
GReadHitRate
When 'Minimum Read I/O Ra
te(Req/Sec)' Then SH_SE_C
LAR_VNX_FECntrlr_Stats.MI
NReadHitRate
When 'Maximum Write I/O R
ate (Req/Sec)' Then SH_SE
_CLAR_VNX_FECntrlr_Stats.
MAXWriteIORate
When 'Average Write I/O R
ate (Req/Sec)' Then SH_SE
_CLAR_VNX_FECntrlr_Stats.
AVGWriteIORate
When 'Minimum Write I/O R
ate (Req/Sec)' Then SH_SE
_CLAR_VNX_FECntrlr_Stats.
MINWriteIORate
When 'Maximum Write Hit (
Req/Sec)' Then SH_SE_CLAR
_VNX_FECntrlr_Stats.MAXWr
iteHitRate
When 'Average Write Hit (
Req/Sec)' Then SH_SE_CLAR
_VNX_FECntrlr_Stats.AVGWr

iteHitRate
When 'Minimum Write Hit (
Req/Sec)' Then SH_SE_CLAR
_VNX_FECntrlr_Stats.MINWr
iteHitRate
When 'Maximum Write Data
Rate (Bytes/Sec)' Then SH
_SE_CLAR_VNX_FECntrlr_St
ats.MAXWriteDataRate
When 'Average Write Data
Rate (Bytes/Sec)' Then SH
_SE_CLAR_VNX_FECntrlr_St
ats.AVGWriteDataRate
When 'Minimum Write Data
Rate (Bytes/Sec)' Then SH
_SE_CLAR_VNX_FECntrlr_St
ats.MINWriteDataRate
When 'Maximum Average Re
ad Size (Bytes)' Then SH_
SE_CLAR_VNX_FECntrlr_Stat
s.MAXAvgReadSize
When 'Minimum Average Re
ad Size (Bytes)' Then SH_
SE_CLAR_VNX_FECntrlr_Stat
s.MINAvgReadSize
When 'Maximum Average Wr
ite Size (Bytes)' Then SH_
SE_CLAR_VNX_FECntrlr_Stat
s.MAXAvgWriteSize
When 'Minimum Average Wri
te Size (Bytes)' Then SH_S
E_CLAR_VNX_FECntrlr_Stats
.MINAvgWriteSize
When 'Maximum Average IO
 Response Time(Sec)' Then
 SH_SE_CLAR_VNX_FECntrlr
_Stats.MAXAvgIOResponseTi
me
When 'Minimum Average IO
Response Time(Sec)' Then
SH_SE_CLAR_VNX_FECntrlr_
Stats.MINAvgIOResponseTim
e
When 'Maximum Average Qu
eue Depth' Then SH_SE_CLA
R_VNX_FECntrlr_Stats.MAXA

```
vgQueueDepth
When 'Minimum Average Qu
eue Depth' Then SH_SE_CLA
R_VNX_FECntrlr_Stats.MINA
vgQueueDepth
When 'Maximum %Reads' Th
en SH_SE_CLAR_VNX_FECntr
lr_Stats.MAXPctReadIOs
When 'Minimum %Reads' Th
en SH_SE_CLAR_VNX_FECntr
lr_Stats.MINPctReadIOs
When 'Maximum %Writes' T
hen SH_SE_CLAR_VNX_FECnt
rlr_Stats.MAXPctWriteIOs
When 'Minimum %Writes' Th
en SH_SE_CLAR_VNX_FECntr
lr_Stats.MINPctWriteIOs
When 'Maximum Average Wa
it Time (ms)' Then SH_SE_
CLAR_VNX_FECntrlr_Stats.M
AXAvgWaitTime
When 'Minimum Average Wa
it Time (ms)' Then SH_SE_
CLAR_VNX_FECntrlr_Stats.M
INAvgWaitTime
When 'Maximum Average Se
rvice Time (ms)' Then SH_
SE_CLAR_VNX_FECntrlr_Stat
s.MAXAvgServiceTime
When 'Minimum Average Ser
vice Time (ms)' Then SH_S
E_CLAR_VNX_FECntrlr_Stats
.MINAvgServiceTime
When 'Maximum %Utilizatio
n' Then SH_SE_CLAR_VNX_F
ECntrlr_Stats.MAXPctUtiliz
ation
When 'Minimum %Utilizatio
n' Then SH_SE_CLAR_VNX_F
ECntrlr_Stats.MINPctUtiliz
ation
else 0
end
```

Where equivalent:

Qualification: measure
Aggregate function: None
List of values: no
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Hourly Measure
Type: Character
Description:

Select equivalent: CLAR_CNTRLR_HISTORY_MEASURE.Measure
Where equivalent:

Qualification: dimension
List of values: 1pg, editable, manual refresh, not exportable
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Class: Daily CLARiiON_VNX Controller Measures
Description:

Object: Daily Measure
Type: Character
Description:

Select equivalent: CLAR_CNTRLR_HISTORY_MEASURE.Measure
Where equivalent:

Qualification: dimension
List of values: 1ph, editable, manual refresh, not exportable
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Daily Aggregate Measure
Type: Number
Description:

Select equivalent: case CLAR_CNTRLR_HISTORY_MEASURE.Measure
When 'Maximum Total I/O R
ate (Req/Sec)' Then SD_SE

_CLAR_VNX_FECntrlr_Stats.
MAXTotalIORate
When 'Average Total I/O R
ate (Req/Sec)' Then SD_SE
_CLAR_VNX_FECntrlr_Stats.
AVGTotalIORate
When 'Minimum Total I/O R
ate (Req/Sec)' Then SD_SE
_CLAR_VNX_FECntrlr_Stats.
MINTotalIORate
When 'Maximum Total Data
Rate (Bytes/Sec)' Then SD
_SE_CLAR_VNX_FECntrlr_St
ats.MAXTotalDataRate
When 'Average Total Data
Rate (Bytes/Sec)' Then SD
_SE_CLAR_VNX_FECntrlr_St
ats.AVGTotalDataRate
When 'Minimum Total Data
Rate (Bytes/Sec)' Then SD
_SE_CLAR_VNX_FECntrlr_St
ats.MINTotalDataRate
When 'Maximum Read Hit R
ate (Req/Sec)' Then SD_SE
_CLAR_VNX_FECntrlr_Stats.
MAXReadIORate
When 'Average Read Hit Ra
te (Req/Sec)' Then SD_SE_
CLAR_VNX_FECntrlr_Stats.A
VGReadIORate
When 'Minimum Read Hit Ra
te (Req/Sec)' Then SD_SE_
CLAR_VNX_FECntrlr_Stats.M
INReadIORate
When 'Maximum Read Data
Rate (Bytes/Sec)' Then SD
_SE_CLAR_VNX_FECntrlr_St
ats.MAXReadDataRate
When 'Average Read Data R
ate (Bytes/Sec)' Then SD_
SE_CLAR_VNX_FECntrlr_Stat
s.AVGReadDataRate
When 'Minimum Read Data
Rate (Bytes/Sec)' Then SD
_SE_CLAR_VNX_FECntrlr_St
ats.MINReadDataRate

When 'Maximum Read I/O R
ate(Req/Sec)' Then SD_SE_
CLAR_VNX_FECntrlr_Stats.M
AXReadHitRate
When 'Average Read I/O Ra
te(Req/Sec)' Then SD_SE_C
LAR_VNX_FECntrlr_Stats.AV
GReadHitRate
When 'Minimum Read I/O Ra
te(Req/Sec)' Then SD_SE_C
LAR_VNX_FECntrlr_Stats.MI
NReadHitRate
When 'Maximum Write I/O R
ate (Req/Sec)' Then SD_SE
_CLAR_VNX_FECntrlr_Stats.
MAXWriteIORate
When 'Average Write I/O R
ate (Req/Sec)' Then SD_SE
_CLAR_VNX_FECntrlr_Stats.
AVGWriteIORate
When 'Minimum Write I/O R
ate (Req/Sec)' Then SD_SE
_CLAR_VNX_FECntrlr_Stats.
MINWriteIORate
When 'Maximum Write Hit (
Req/Sec)' Then SD_SE_CLAR
_VNX_FECntrlr_Stats.MAXWr
iteHitRate
When 'Average Write Hit (
Req/Sec)' Then SD_SE_CLAR
_VNX_FECntrlr_Stats.AVGWr
iteHitRate
When 'Minimum Write Hit (
Req/Sec)' Then SD_SE_CLAR
_VNX_FECntrlr_Stats.MINWr
iteHitRate
When 'Maximum Write Data
Rate (Bytes/Sec)' Then SD
_SE_CLAR_VNX_FECntrlr_St
ats.MAXWriteDataRate
When 'Average Write Data
Rate (Bytes/Sec)' Then SD
_SE_CLAR_VNX_FECntrlr_St
ats.AVGWriteDataRate
When 'Minimum Write Data
Rate (Bytes/Sec)' Then SD

_SE_CLAR_VNX_FECntrlr_St
ats.MINWriteDataRate
When 'Maximum Average Re
ad Size (Bytes)' Then SD_
SE_CLAR_VNX_FECntrlr_Stat
s.MAXAvgReadSize
When 'Minimum Average Re
ad Size (Bytes)' Then SD_
SE_CLAR_VNX_FECntrlr_Stat
s.MINAvgReadSize
When 'Maximum Average Wr
ite Size (Bytes)' Then SD_
SE_CLAR_VNX_FECntrlr_Stat
s.MAXAvgWriteSize
When 'Minimum Average Wri
te Size (Bytes)' Then SD_S
E_CLAR_VNX_FECntrlr_Stats
.MINAvgWriteSize
When 'Maximum Average IO
 Response Time(Sec)' Then
 SD_SE_CLAR_VNX_FECntrlr
_Stats.MAXAvgIOResponseTi
me
When 'Minimum Average IO
Response Time(Sec)' Then
SD_SE_CLAR_VNX_FECntrlr_
Stats.MINAvgIOResponseTim
e
When 'Maximum Average Qu
eue Depth' Then SD_SE_CLA
R_VNX_FECntrlr_Stats.MAXA
vgQueueDepth
When 'Minimum Average Qu
eue Depth' Then SD_SE_CLA
R_VNX_FECntrlr_Stats.MINA
vgQueueDepth
When 'Maximum %Reads' Th
en SD_SE_CLAR_VNX_FECntr
lr_Stats.MAXPctReadIOs
When 'Minimum %Reads' Th
en SD_SE_CLAR_VNX_FECntr
lr_Stats.MINPctReadIOs
When 'Maximum %Writes' T
hen SD_SE_CLAR_VNX_FECnt
rlr_Stats.MAXPctWriteIOs
When 'Minimum %Writes' Th

```
en SD_SE_CLAR_VNX_FECntr
lr_Stats.MINPctWriteIOs
When 'Maximum Average Wa
it Time (ms)' Then SD_SE_
CLAR_VNX_FECntrlr_Stats.M
AXAvgWaitTime
When 'Minimum Average Wa
it Time (ms)' Then SD_SE_
CLAR_VNX_FECntrlr_Stats.M
INAvgWaitTime
When 'Maximum Average Se
rvice Time (ms)' Then SD_
SE_CLAR_VNX_FECntrlr_Stat
s.MAXAvgServiceTime
When 'Minimum Average Ser
vice Time (ms)' Then SD_S
E_CLAR_VNX_FECntrlr_Stats
.MINAvgServiceTime
When 'Maximum %Utilizatio
n' Then SD_SE_CLAR_VNX_F
ECntrlr_Stats.MAXPctUtiliz
ation
When 'Minimum %Utilizatio
n' Then SD_SE_CLAR_VNX_F
ECntrlr_Stats.MINPctUtiliz
ation
else 0
end
```

Where equivalent:

Qualification:	measure
Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Class: HourlyOLAP CLARiiON_VNX Controller Measures
Description:

Object: HourlyOLAP Aggregate Measure
Type: Number
Description:

Select equivalent:

```
case CLAR_CNTRLR_HISTORY_MEASURE.Measure
When 'Maximum Total I/O R
ate (Req/Sec)' Then max(S
H_SE_CLAR_VNX_FECntrlr_S
tats.MAXTotalIORate)
When 'Average Total I/O R
ate (Req/Sec)' Then avg(S
H_SE_CLAR_VNX_FECntrlr_S
tats.AVGTotalIORate)
When 'Minimum Total I/O R
ate (Req/Sec)' Then min(S
H_SE_CLAR_VNX_FECntrlr_S
tats.MINTotalIORate)
When 'Maximum Total Data
Rate (Bytes/Sec)' Then ma
x(SH_SE_CLAR_VNX_FECntrl
r_Stats.MAXTotalDataRate)
When 'Average Total Data
Rate (Bytes/Sec)' Then av
g(SH_SE_CLAR_VNX_FECntrl
r_Stats.AVGTotalDataRate)
When 'Minimum Total Data
Rate (Bytes/Sec)' Then mi
n(SH_SE_CLAR_VNX_FECntrl
r_Stats.MINTotalDataRate)
When 'Maximum Read Hit R
ate (Req/Sec)' Then max(S
H_SE_CLAR_VNX_FECntrlr_S
tats.MAXReadIORate)
When 'Average Read Hit Ra
te (Req/Sec)' Then avg(SH
_SE_CLAR_VNX_FECntrlr_St
ats.AVGReadIORate)
When 'Minimum Read Hit Ra
te (Req/Sec)' Then min(SH
_SE_CLAR_VNX_FECntrlr_St
ats.MINReadIORate)
When 'Maximum Read Data
Rate (Bytes/Sec)' Then ma
x(SH_SE_CLAR_VNX_FECntrl
r_Stats.MAXReadDataRate)
When 'Average Read Data R
ate (Bytes/Sec)' Then avg(
SH_SE_CLAR_VNX_FECntrlr_
Stats.AVGReadDataRate)
When 'Minimum Read Data
```

Rate (Bytes/Sec)' Then mi
n(SH_SE_CLAR_VNX_FECntrl
r_Stats.MINReadDataRate)
When 'Maximum Read I/O R
ate(Req/Sec)' Then max(SH
_SE_CLAR_VNX_FECntrlr_St
ats.MAXReadHitRate)
When 'Average Read I/O Ra
te(Req/Sec)' Then avg(SH_
SE_CLAR_VNX_FECntrlr_Stat
s.AVGReadHitRate)
When 'Minimum Read I/O Ra
te(Req/Sec)' Then min(SH_
SE_CLAR_VNX_FECntrlr_Stat
s.MINReadHitRate)
When 'Maximum Write I/O R
ate (Req/Sec)' Then max(S
H_SE_CLAR_VNX_FECntrlr_S
tats.MAXWriteIORate)
When 'Average Write I/O R
ate (Req/Sec)' Then avg(S
H_SE_CLAR_VNX_FECntrlr_S
tats.AVGWriteIORate)
When 'Minimum Write I/O R
ate (Req/Sec)' Then min(S
H_SE_CLAR_VNX_FECntrlr_S
tats.MINWriteIORate)
When 'Maximum Write Hit (
Req/Sec)' Then max(SH_SE_
CLAR_VNX_FECntrlr_Stats.M
AXWriteHitRate)
When 'Average Write Hit (
Req/Sec)' Then avg(SH_SE_
CLAR_VNX_FECntrlr_Stats.A
VGWriteHitRate)
When 'Minimum Write Hit (
Req/Sec)' Then min(SH_SE_
CLAR_VNX_FECntrlr_Stats.M
INWriteHitRate)
When 'Maximum Write Data
Rate (Bytes/Sec)' Then ma
x(SH_SE_CLAR_VNX_FECntrl
r_Stats.MAXWriteDataRate)
When 'Average Write Data
Rate (Bytes/Sec)' Then av
g(SH_SE_CLAR_VNX_FECntrl

```
r_Stats.AVGWriteDataRate)
When 'Minimum Write Data
Rate (Bytes/Sec)' Then mi
n(SH_SE_CLAR_VNX_FECntrl
r_Stats.MINWriteDataRate)
When 'Maximum Average Re
ad Size (Bytes)' Then max(
SH_SE_CLAR_VNX_FECntrlr_
Stats.MAXAvgReadSize)
When 'Minimum Average Re
ad Size (Bytes)' Then min(
SH_SE_CLAR_VNX_FECntrlr_
Stats.MINAvgReadSize)
When 'Maximum Average Wr
ite Size (Bytes)' Then max
(SH_SE_CLAR_VNX_FECntrlr
_Stats.MAXAvgWriteSize)
When 'Minimum Average Wri
te Size (Bytes)' Then min(
SH_SE_CLAR_VNX_FECntrlr_
Stats.MINAvgWriteSize)
When 'Maximum Average IO
 Response Time(Sec)' Then
 max(SH_SE_CLAR_VNX_FECn
trlr_Stats.MAXAvgIORespon
seTime)
When 'Minimum Average IO
Response Time(Sec)' Then
min(SH_SE_CLAR_VNX_FECnt
rlr_Stats.MINAvgIORespons
eTime)
When 'Maximum Average Qu
eue Depth' Then max(SH_SE
_CLAR_VNX_FECntrlr_Stats.
MAXAvgQueueDepth)
When 'Minimum Average Qu
eue Depth' Then min(SH_SE
_CLAR_VNX_FECntrlr_Stats.
MINAvgQueueDepth)
When 'Maximum %Reads' Th
en max(SH_SE_CLAR_VNX_FE
CntrIr_Stats.MAXPctReadIO
s)
When 'Minimum %Reads' Th
en min(SH_SE_CLAR_VNX_FE
CntrIr_Stats.MINPctReadIO
```

```
s)
When 'Maximum %Writes' T
hen max(SH_SE_CLAR_VNX_F
ECntrlr_Stats.MAXPctWrite
IOs)
When 'Minimum %Writes' Th
en min(SH_SE_CLAR_VNX_FE
Cntrlr_Stats.MINPctWriteI
Os)
When 'Maximum Average Wa
it Time (ms)' Then max(SH
_SE_CLAR_VNX_FECntrlr_St
ats.MAXAvgWaitTime)
When 'Minimum Average Wa
it Time (ms)' Then min(SH
_SE_CLAR_VNX_FECntrlr_St
ats.MINAvgWaitTime)
When 'Maximum Average Se
rvice Time (ms)' Then max
(SH_SE_CLAR_VNX_FECntrlr
_Stats.MAXAvgServiceTime)
When 'Minimum Average Ser
vice Time (ms)' Then min(
SH_SE_CLAR_VNX_FECntrlr_
Stats.MINAvgServiceTime)
When 'Maximum %Utilizatio
n' Then max(SH_SE_CLAR_V
NX_FECntrlr_Stats.MAXPctU
tilization)
When 'Minimum %Utilizatio
n' Then min(SH_SE_CLAR_V
NX_FECntrlr_Stats.MINPctU
tilization)
 else 0
end
```

Where equivalent:

Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object: HourlyOLAP Measure
Type: Character
Description:

Select equivalent: CLAR_CNTRLR_HISTORY_MEASURE.Measure
Where equivalent:

Qualification: dimension
List of values: 1pi, editable, manual refresh, not exportable
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Class: DailyOLAP CLARiiON_VNX Controller Measures
Description:

Object: DailyOLAP Aggregate Measure
Type: Number
Description:

Select equivalent:

```
case CLAR_CNTRLR_HISTORY_MEASURE.Measure
When 'Maximum Total I/O R
ate (Req/Sec)' Then max(S
D_SE_CLAR_VNX_FECntrlr_S
tats.MAXTotalIORate)
When 'Average Total I/O R
ate (Req/Sec)' Then avg(S
D_SE_CLAR_VNX_FECntrlr_S
tats.AVGTotalIORate)
When 'Minimum Total I/O R
ate (Req/Sec)' Then min(S
D_SE_CLAR_VNX_FECntrlr_S
tats.MINTotalIORate)
When 'Maximum Total Data
Rate (Bytes/Sec)' Then ma
x(SD_SE_CLAR_VNX_FECntrl
r_Stats.MAXTotalDataRate)
When 'Average Total Data
Rate (Bytes/Sec)' Then av
g(SD_SE_CLAR_VNX_FECntrl
r_Stats.AVGTotalDataRate)
When 'Minimum Total Data
Rate (Bytes/Sec)' Then mi
n(SD_SE_CLAR_VNX_FECntrl
r_Stats.MINTotalDataRate)
```

When 'Maximum Read Hit R
ate (Req/Sec)' Then max(S
D_SE_CLAR_VNX_FECntrlr_S
tats.MAXReadIORate)
When 'Average Read Hit Ra
te (Req/Sec)' Then avg(SD
_SE_CLAR_VNX_FECntrlr_St
ats.AVGReadIORate)
When 'Minimum Read Hit Ra
te (Req/Sec)' Then min(SD
_SE_CLAR_VNX_FECntrlr_St
ats.MINReadIORate)
When 'Maximum Read Data
Rate (Bytes/Sec)' Then ma
x(SD_SE_CLAR_VNX_FECntrl
r_Stats.MAXReadDataRate)
When 'Average Read Data R
ate (Bytes/Sec)' Then avg(
SD_SE_CLAR_VNX_FECntrlr_
Stats.AVGReadDataRate)
When 'Minimum Read Data
Rate (Bytes/Sec)' Then mi
n(SD_SE_CLAR_VNX_FECntrl
r_Stats.MINReadDataRate)
When 'Maximum Read I/O R
ate(Req/Sec)' Then max(SD
_SE_CLAR_VNX_FECntrlr_St
ats.MAXReadHitRate)
When 'Average Read I/O Ra
te(Req/Sec)' Then avg(SD_
SE_CLAR_VNX_FECntrlr_Stat
s.AVGReadHitRate)
When 'Minimum Read I/O Ra
te(Req/Sec)' Then min(SD_
SE_CLAR_VNX_FECntrlr_Stat
s.MINReadHitRate)
When 'Maximum Write I/O R
ate (Req/Sec)' Then max(S
D_SE_CLAR_VNX_FECntrlr_S
tats.MAXWriteIORate)
When 'Average Write I/O R
ate (Req/Sec)' Then avg(S
D_SE_CLAR_VNX_FECntrlr_S
tats.AVGWriteIORate)
When 'Minimum Write I/O R
ate (Req/Sec)' Then min(S

D_SE_CLAR_VNX_FECntrlr_S
tats.MINWriteIORate)
When 'Maximum Write Hit (
Req/Sec)' Then max(SD_SE_
CLAR_VNX_FECntrlr_Stats.M
AXWriteHitRate)
When 'Average Write Hit (
Req/Sec)' Then avg(SD_SE_
CLAR_VNX_FECntrlr_Stats.A
VGWriteHitRate)
When 'Minimum Write Hit (
Req/Sec)' Then min(SD_SE_
CLAR_VNX_FECntrlr_Stats.M
INWriteHitRate)
When 'Maximum Write Data
Rate (Bytes/Sec)' Then ma
x(SD_SE_CLAR_VNX_FECntrl
r_Stats.MAXWriteDataRate)
When 'Average Write Data
Rate (Bytes/Sec)' Then av
g(SD_SE_CLAR_VNX_FECntrl
r_Stats.AVGWriteDataRate)
When 'Minimum Write Data
Rate (Bytes/Sec)' Then mi
n(SD_SE_CLAR_VNX_FECntrl
r_Stats.MINWriteDataRate)
When 'Maximum Average Re
ad Size (Bytes)' Then max(
SD_SE_CLAR_VNX_FECntrlr_
Stats.MAXAvgReadSize)
When 'Minimum Average Re
ad Size (Bytes)' Then min(
SD_SE_CLAR_VNX_FECntrlr_
Stats.MINAvgReadSize)
When 'Maximum Average Wr
ite Size (Bytes)' Then max
(SD_SE_CLAR_VNX_FECntrlr
_Stats.MAXAvgWriteSize)
When 'Minimum Average Wri
te Size (Bytes)' Then min(
SD_SE_CLAR_VNX_FECntrlr_
Stats.MINAvgWriteSize)
When 'Maximum Average IO
 Response Time(Sec)' Then
 max(SD_SE_CLAR_VNX_FECn
trlr_Stats.MAXAvgIORespon

```
seTime)
When 'Minimum Average IO
Response Time(Sec)' Then
min(SD_SE_CLAR_VNX_FECnt
rlr_Stats.MINAvgIORespons
eTime)
When 'Maximum Average Qu
eue Depth' Then max(SD_SE
_CLAR_VNX_FECntrlr_Stats.
MAXAvgQueueDepth)
When 'Minimum Average Qu
eue Depth' Then min(SD_SE
_CLAR_VNX_FECntrlr_Stats.
MINAvgQueueDepth)
When 'Maximum %Reads' Th
en max(SD_SE_CLAR_VNX_FE
CntrIr_Stats.MAXPctReadIO
s)
When 'Minimum %Reads' Th
en min(SD_SE_CLAR_VNX_FE
CntrIr_Stats.MINPctReadIO
s)
When 'Maximum %Writes' T
hen max(SD_SE_CLAR_VNX_F
ECntrlr_Stats.MAXPctWrite
IOs)
When 'Minimum %Writes' Th
en min(SD_SE_CLAR_VNX_FE
CntrIr_Stats.MINPctWriteI
Os)
When 'Maximum Average Wa
it Time (ms)' Then max(SD
_SE_CLAR_VNX_FECntrlr_St
ats.MAXAvgWaitTime)
When 'Minimum Average Wa
it Time (ms)' Then min(SD
_SE_CLAR_VNX_FECntrlr_St
ats.MINAvgWaitTime)
When 'Maximum Average Se
rvice Time (ms)' Then max
(SD_SE_CLAR_VNX_FECntrlr
_Stats.MAXAvgServiceTime)
When 'Minimum Average Ser
vice Time (ms)' Then min(
SD_SE_CLAR_VNX_FECntrlr_
Stats.MINAvgServiceTime)
```

When 'Maximum %Utilizatio
n' Then max(SD_SE_CLAR_V
NX_FECntrlr_Stats.MAXPctU
tilization)
When 'Minimum %Utilizatio
n' Then min(SD_SE_CLAR_V
NX_FECntrlr_Stats.MINPctU
tilization)
else 0
end

Where equivalent:

Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	DailyOLAP Measure
Type:	Character
Description:	
Select equivalent:	CLAR_CNTRLR_HISTORY_MEASURE.Measure
Where equivalent:	
Qualification:	dimension
List of values:	1pj, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Class:	CLARiiON_VNX System_Measures
Description:	

No objects

Class:	Raw CLARiiON_VNX System Measures
Description:	

Object:	RAW Aggregate Measure
Type:	Number

Description:

Select equivalent:

```
case CLAR_SYSTEM_RAW_MEASURE.Measure
when 'Total I/O Rate (Req
/Sec)' then SR_SE_CLAR_VN
X_Sys_Stats.TotalIORate
when 'Total Data Rate (By
tes/Sec)' then SR_SE_CLAR
_VNX_Sys_Stats.TotalDataR
ate
when 'Read I/O (Req/Sec)'
 then SR_SE_CLAR_VNX_Sys
_Stats.ReadRate
when 'Read Data Rate (Byt
es/Sec)' then SR_SE_CLAR_
VNX_Sys_Stats.ReadDataRat
e
when 'Read Hits Rate (Req
/Sec)' then SR_SE_CLAR_VN
X_Sys_Stats.ReadHitRate
when 'Write I/O Rate (Req
/Sec)' then SR_SE_CLAR_VN
X_Sys_Stats.WriteRate
when 'Write Hits (Req/Sec
)' then SR_SE_CLAR_VNX_Sy
s_Stats.WriteHitRate
when 'Write Data Rate (By
tes/Sec)' then SR_SE_CLAR
_VNX_Sys_Stats.WriteDataR
ate
when 'Average Read Size (
Bytes)' then SR_SE_CLAR_V
NX_Sys_Stats.AvgReadSize
when 'Average Write Size
(Bytes)' then SR_SE_CLAR_
VNX_Sys_Stats.AvgWriteSiz
e
when 'Average IO Response
 Time(Sec)' then SR_SE_CL
AR_VNX_Sys_Stats.AvgIORe
sponseTime
when 'Average Queue Depth
' then SR_SE_CLAR_VNX_Sy
s_Stats.AvgQueueDepth
else 0
end
```

Where equivalent:

Qualification: measure
Aggregate function: None
List of values: no
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Raw Measure
Type: Character
Description:

Select equivalent: CLAR_SYSTEM_RAW_MEASURE.Measure
Where equivalent:

Qualification: dimension
List of values: 1q0, editable, manual refresh, not exportable
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Class: Hourly CLARiiON_VNX System Measures
Description:

Object: Hourly Aggregate Measure
Type: Number
Description:

Select equivalent: Case CLAR_SYSTEM_HISTORY_MEASURES.Measure
When 'Maximum Total I/O R
ate (Req/Sec)' Then SH_SE
_CLAR_VNX_Storage_Stats.
MAXTotalIORate
When 'Average Total I/O R
ate (Req/Sec)' Then SH_SE
_CLAR_VNX_Storage_Stats.A
VGTotalIORate
When 'Minimum Total I/O R
ate (Req/Sec)' Then SH_SE
_CLAR_VNX_Storage_Stats.
MINTotalIORate
When 'Maximum Total Data
Rate (Bytes/Sec)' Then SH

_SE_CLAR_VNX_Storage_Sta
ts.MAXTotalDataRate
When 'Average Total Data
Rate (Bytes/Sec)' Then SH
_SE_CLAR_VNX_Storage_Sta
ts.AVGTotalDataRate
When 'Minimum Total Data
Rate (Bytes/Sec)' Then SH
_SE_CLAR_VNX_Storage_Sta
ts.MINTotalDataRate
When 'Maximum Read Data
Rate (Bytes/Sec)' Then SH
_SE_CLAR_VNX_Storage_Sta
ts.MAXReadDataRate
When 'Average Read Data R
ate (Bytes/Sec)' Then SH_
SE_CLAR_VNX_Storage_Stat
s.AVGReadDataRate
When 'Minimum Read Data
Rate (Bytes/Sec)' Then SH
_SE_CLAR_VNX_Storage_Sta
ts.MINReadDataRate
When 'Maximum Read I/O (
Req/Sec)' Then SH_SE_CLAR
_VNX_Storage_Stats.MAXRe
adRate
When 'Average Read I/O (R
eq/Sec)' Then SH_SE_CLAR_
VNX_Storage_Stats.AVGRea
dRate
When 'Minimum Read I/O (R
eq/Sec)' Then SH_SE_CLAR_
VNX_Storage_Stats.MINRead
Rate
When 'Maximum Read Hits (
Req/Sec)' Then SH_SE_CLAR
_VNX_Storage_Stats.MAXRe
adHitRate
When 'Average Read Hits (
Req/Sec)' Then SH_SE_CLAR
_VNX_Storage_Stats.AVGRea
dHitRate
When 'Minimum Read Hits (
Req/Sec)' Then SH_SE_CLAR
_VNX_Storage_Stats.MINRea
dHitRate

When 'Maximum Write I/O R
ate (Req/Sec)' Then SH_SE
_CLAR_VNX_Storage_Stats.
MAXWriteRate
When 'Average Write I/O R
ate (Req/Sec)' Then SH_SE
_CLAR_VNX_Storage_Stats.A
VGWriteRate
When 'Minimum Write I/O R
ate (Req/Sec)' Then SH_SE
_CLAR_VNX_Storage_Stats.
MINWriteRate
When 'Maximum Write Hits
(Req/Sec)' Then SH_SE_CLA
R_VNX_Storage_Stats.MAXW
riteHitRate
When 'Average Write Hits
(Req/Sec)' Then SH_SE_CLA
R_VNX_Storage_Stats.AVGW
riteHitRate
When 'Minimum Write Hits
(Req/Sec)' Then SH_SE_CLA
R_VNX_Storage_Stats.MINW
riteHitRate
When 'Maximum Write Data
Rate (Bytes/Sec)' Then SH
_SE_CLAR_VNX_Storage_Sta
ts.MAXWriteDataRate
When 'Average Write Data
Rate (Bytes/Sec)' Then SH
_SE_CLAR_VNX_Storage_Sta
ts.AVGWriteDataRate
When 'Minimum Write Data
Rate (Bytes/Sec)' Then SH
_SE_CLAR_VNX_Storage_Sta
ts.MINWriteDataRate
When 'Maximum Average Re
ad Size (Bytes)' Then SH_
SE_CLAR_VNX_Storage_Stat
s.MAXAvgReadSize
When 'Minimum Average Re
ad Size (Bytes)' Then SH_
SE_CLAR_VNX_Storage_Stat
s.MINAvgReadSize
When 'Maximum Average Wr
ite Size (Bytes)' Then SH_

SE_CLAR_VNX_Storage_Stat
s.MAXAvgWriteSize
When 'Minimum Average Wri
te Size (Bytes)' Then SH_S
E_CLAR_VNX_Storage_Stats.
MINAvgWriteSize
When 'Maximum Average IO
 Response Time(Sec)' Then
 SH_SE_CLAR_VNX_Storage_
Stats.MAXAvgIOResponseTi
me
When 'Minimum Average IO
Response Time(Sec)' Then
SH_SE_CLAR_VNX_Storage_S
tats.MINAvgIOResponseTime
When 'Maximum Average Qu
eue Depth' Then SH_SE_CLA
R_VNX_Storage_Stats.MAXA
vgQueueDepth
When 'Minimum Average Qu
eue Depth' Then SH_SE_CLA
R_VNX_Storage_Stats.MINAv
gQueueDepth
else 0
End

Where equivalent:

Qualification: measure
Aggregate function: None
List of values: no
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Hourly Measure
Type: Character
Description:

Select equivalent: CLAR_SYSTEM_HISTORY_MEASURES.Measure
Where equivalent:

Qualification: dimension
List of values: 1q2, editable, manual refresh, not exportable
Security access level: 0
Can be used: in result, in condition, in sort

Object status: show

Class: Daily CLARiiON_VNX System Measures
Description:

Object: Daily Measure
Type: Character
Description:

Select equivalent: CLAR_SYSTEM_HISTORY_MEASURES.Measure
Where equivalent:

Qualification: dimension
List of values: 1q3, editable, manual refresh, not exportable
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Daily Aggregate Measure
Type: Number
Description:

Select equivalent: Case CLAR_SYSTEM_HISTORY_MEASURES.Measure
When 'Maximum Total I/O R
ate (Req/Sec)' Then SD_SE
_CLAR_VNX_Storage_Stats.
MAXTotalIORate
When 'Average Total I/O R
ate (Req/Sec)' Then SD_SE
_CLAR_VNX_Storage_Stats.A
VGTotalIORate
When 'Minimum Total I/O R
ate (Req/Sec)' Then SD_SE
_CLAR_VNX_Storage_Stats.
MINTotalIORate
When 'Maximum Total Data
Rate (Bytes/Sec)' Then SD
_SE_CLAR_VNX_Storage_Sta
ts.MAXTotalDataRate
When 'Average Total Data
Rate (Bytes/Sec)' Then SD
_SE_CLAR_VNX_Storage_Sta
ts.AVGTotalDataRate
When 'Minimum Total Data

Rate (Bytes/Sec)' Then SD
_SE_CLAR_VNX_Storage_Sta
ts.MINTotalDataRate
When 'Maximum Read Data
Rate (Bytes/Sec)' Then SD
_SE_CLAR_VNX_Storage_Sta
ts.MAXReadDataRate
When 'Average Read Data R
ate (Bytes/Sec)' Then SD_
SE_CLAR_VNX_Storage_Stat
s.AVGReadDataRate
When 'Minimum Read Data
Rate (Bytes/Sec)' Then SD
_SE_CLAR_VNX_Storage_Sta
ts.MINReadDataRate
When 'Maximum Read I/O (
Req/Sec)' Then SD_SE_CLAR
_VNX_Storage_Stats.MAXRe
adRate
When 'Average Read I/O (R
eq/Sec)' Then SD_SE_CLAR_
VNX_Storage_Stats.AVGRea
dRate
When 'Minimum Read I/O (R
eq/Sec)' Then SD_SE_CLAR_
VNX_Storage_Stats.MINRead
Rate
When 'Maximum Read Hits (
Req/Sec)' Then SD_SE_CLAR
_VNX_Storage_Stats.MAXRe
adHitRate
When 'Average Read Hits (
Req/Sec)' Then SD_SE_CLAR
_VNX_Storage_Stats.AVGRea
dHitRate
When 'Minimum Read Hits (
Req/Sec)' Then SD_SE_CLAR
_VNX_Storage_Stats.MINRea
dHitRate
When 'Maximum Write I/O R
ate (Req/Sec)' Then SD_SE
_CLAR_VNX_Storage_Stats.
MAXWriteRate
When 'Average Write I/O R
ate (Req/Sec)' Then SD_SE
_CLAR_VNX_Storage_Stats.A

VGWriteRate
When 'Minimum Write I/O R
ate (Req/Sec)' Then SD_SE
_CLAR_VNX_Storage_Stats.
MINWriteRate
When 'Maximum Write Hits
(Req/Sec)' Then SD_SE_CLA
R_VNX_Storage_Stats.MAXW
riteHitRate
When 'Average Write Hits
(Req/Sec)' Then SD_SE_CLA
R_VNX_Storage_Stats.AVGW
riteHitRate
When 'Minimum Write Hits
(Req/Sec)' Then SD_SE_CLA
R_VNX_Storage_Stats.MINW
riteHitRate
When 'Maximum Write Data
Rate (Bytes/Sec)' Then SD
_SE_CLAR_VNX_Storage_Sta
ts.MAXWriteDataRate
When 'Average Write Data
Rate (Bytes/Sec)' Then SD
_SE_CLAR_VNX_Storage_Sta
ts.AVGWriteDataRate
When 'Minimum Write Data
Rate (Bytes/Sec)' Then SD
_SE_CLAR_VNX_Storage_Sta
ts.MINWriteDataRate
When 'Maximum Average Re
ad Size (Bytes)' Then SD_
SE_CLAR_VNX_Storage_Stat
s.MAXAvgReadSize
When 'Minimum Average Re
ad Size (Bytes)' Then SD_
SE_CLAR_VNX_Storage_Stat
s.MINAvgReadSize
When 'Maximum Average Wr
ite Size (Bytes)' Then SD_
SE_CLAR_VNX_Storage_Stat
s.MAXAvgWriteSize
When 'Minimum Average Wri
te Size (Bytes)' Then SD_S
E_CLAR_VNX_Storage_Stats.
MINAvgWriteSize
When 'Maximum Average IO

Response Time(Sec)' Then
SD_SE_CLAR_VNX_Storage_
Stats.MAXAvgIOResponseTi
me
When 'Minimum Average IO
Response Time(Sec)' Then
SD_SE_CLAR_VNX_Storage_S
tats.MINAvgIOResponseTime
When 'Maximum Average Qu
eue Depth' Then SD_SE_CLA
R_VNX_Storage_Stats.MAXA
vgQueueDepth
When 'Minimum Average Qu
eue Depth' Then SD_SE_CLA
R_VNX_Storage_Stats.MINAv
gQueueDepth
else 0
End

Where equivalent:

Qualification:	measure
Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Class: HourlyOLAP CLARiiON_VNX System Measures
Description:

Object: HourlyOLAP Aggregate Measure
Type: Number
Description:

Select equivalent:

```
Case CLAR_SYSTEM_HISTORY_MEASURES.Measure
When 'Maximum Total I/O R
ate (Req/Sec)' Then max(S
H_SE_CLAR_VNX_Storage_St
ats.MAXTotalIORate)
When 'Average Total I/O R
ate (Req/Sec)' Then avg(S
H_SE_CLAR_VNX_Storage_St
ats.AVGTotalIORate)
When 'Minimum Total I/O R
ate (Req/Sec)' Then min(S
```

H_SE_CLAR_VNX_Storage_St
ats.MINTotalIORate)
When 'Maximum Total Data
Rate (Bytes/Sec)' Then ma
x(SH_SE_CLAR_VNX_Storage
_Stats.MAXTotalDataRate)
When 'Average Total Data
Rate (Bytes/Sec)' Then av
g(SH_SE_CLAR_VNX_Storage
_Stats.AVGTotalDataRate)
When 'Minimum Total Data
Rate (Bytes/Sec)' Then mi
n(SH_SE_CLAR_VNX_Storage
_Stats.MINTotalDataRate)
When 'Maximum Read Data
Rate (Bytes/Sec)' Then ma
x(SH_SE_CLAR_VNX_Storage
_Stats.MAXReadDataRate)
When 'Average Read Data R
ate (Bytes/Sec)' Then avg(
SH_SE_CLAR_VNX_Storage_S
tats.AVGReadDataRate)
When 'Minimum Read Data
Rate (Bytes/Sec)' Then mi
n(SH_SE_CLAR_VNX_Storage
_Stats.MINReadDataRate)
When 'Maximum Read I/O (
Req/Sec)' Then max(SH_SE_
CLAR_VNX_Storage_Stats.M
AXReadRate)
When 'Average Read I/O (R
eq/Sec)' Then avg(SH_SE_C
LAR_VNX_Storage_Stats.AV
GReadRate)
When 'Minimum Read I/O (R
eq/Sec)' Then min(SH_SE_C
LAR_VNX_Storage_Stats.MIN
ReadRate)
When 'Maximum Read Hits (
Req/Sec)' Then max(SH_SE_
CLAR_VNX_Storage_Stats.M
AXReadHitRate)
When 'Average Read Hits (
Req/Sec)' Then avg(SH_SE_
CLAR_VNX_Storage_Stats.AV
GReadHitRate)

When 'Minimum Read Hits (
Req/Sec)' Then min(SH_SE_
CLAR_VNX_Storage_Stats.MI
NReadHitRate)
When 'Maximum Write I/O R
ate (Req/Sec)' Then max(S
H_SE_CLAR_VNX_Storage_St
ats.MAXWriteRate)
When 'Average Write I/O R
ate (Req/Sec)' Then avg(S
H_SE_CLAR_VNX_Storage_St
ats.AVGWriteRate)
When 'Minimum Write I/O R
ate (Req/Sec)' Then min(S
H_SE_CLAR_VNX_Storage_St
ats.MINWriteRate)
When 'Maximum Write Hits
(Req/Sec)' Then max(SH_SE
_CLAR_VNX_Storage_Stats.
MAXWriteHitRate)
When 'Average Write Hits
(Req/Sec)' Then avg(SH_SE
_CLAR_VNX_Storage_Stats.A
VGWriteHitRate)
When 'Minimum Write Hits
(Req/Sec)' Then min(SH_SE
_CLAR_VNX_Storage_Stats.
MINWriteHitRate)
When 'Maximum Write Data
Rate (Bytes/Sec)' Then ma
x(SH_SE_CLAR_VNX_Storage
_Stats.MAXWriteDataRate)
When 'Average Write Data
Rate (Bytes/Sec)' Then av
g(SH_SE_CLAR_VNX_Storage
_Stats.AVGWriteDataRate)
When 'Minimum Write Data
Rate (Bytes/Sec)' Then mi
n(SH_SE_CLAR_VNX_Storage
_Stats.MINWriteDataRate)
When 'Maximum Average Re
ad Size (Bytes)' Then max(
SH_SE_CLAR_VNX_Storage_S
tats.MAXAvgReadSize)
When 'Minimum Average Re
ad Size (Bytes)' Then min(

```
SH_SE_CLAR_VNX_Storage_S
tats.MINAvgReadSize)
When 'Maximum Average Wr
ite Size (Bytes)' Then max
(SH_SE_CLAR_VNX_Storage_
Stats.MAXAvgWriteSize)
When 'Minimum Average Wri
te Size (Bytes)' Then min(
SH_SE_CLAR_VNX_Storage_S
tats.MINAvgWriteSize)
When 'Maximum Average IO
 Response Time(Sec)' Then
 max(SH_SE_CLAR_VNX_Stor
age_Stats.MAXAvgIORespon
seTime)
When 'Minimum Average IO
Response Time(Sec)' Then
min(SH_SE_CLAR_VNX_Stora
ge_Stats.MINAvgIOResponse
Time)
When 'Maximum Average Qu
eue Depth' Then max(SH_SE
_CLAR_VNX_Storage_Stats.
MAXAvgQueueDepth)
When 'Minimum Average Qu
eue Depth' Then min(SH_SE
_CLAR_VNX_Storage_Stats.
MINAvgQueueDepth)
else 0
End
```

Where equivalent:

Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object: HourlyOLAP Measure

Type: Character

Description:

Select equivalent: CLAR_SYSTEM_HISTORY_MEASURES.Measure

Where equivalent:

Qualification:	dimension
List of values:	1q6, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Class:	DailyOLAP CLARiiON_VNX System Measures
Description:	

Object:	DailyOLAP Aggregate Measure
Type:	Number
Description:	

Select equivalent:

```
Case CLAR_SYSTEM_HISTORY_MEASURES.Measure
When 'Maximum Total I/O R
ate (Req/Sec)' Then max(S
D_SE_CLAR_VNX_Storage_St
ats.MAXTotalIORate)
When 'Average Total I/O R
ate (Req/Sec)' Then avg(S
D_SE_CLAR_VNX_Storage_St
ats.AVGTotalIORate)
When 'Minimum Total I/O R
ate (Req/Sec)' Then min(S
D_SE_CLAR_VNX_Storage_St
ats.MINTotalIORate)
When 'Maximum Total Data
Rate (Bytes/Sec)' Then ma
x(SD_SE_CLAR_VNX_Storage
_Stats.MAXTotalDataRate)
When 'Average Total Data
Rate (Bytes/Sec)' Then av
g(SD_SE_CLAR_VNX_Storage
_Stats.AVGTotalDataRate)
When 'Minimum Total Data
Rate (Bytes/Sec)' Then mi
n(SD_SE_CLAR_VNX_Storage
_Stats.MINTotalDataRate)
When 'Maximum Read Data
Rate (Bytes/Sec)' Then ma
x(SD_SE_CLAR_VNX_Storage
_Stats.MAXReadDataRate)
When 'Average Read Data R
ate (Bytes/Sec)' Then avg(
```

SD_SE_CLAR_VNX_Storage_S
tats.AVGReadDataRate)
When 'Minimum Read Data
Rate (Bytes/Sec)' Then mi
n(SD_SE_CLAR_VNX_Storage
_Stats.MINReadDataRate)
When 'Maximum Read I/O (
Req/Sec)' Then max(SD_SE_
CLAR_VNX_Storage_Stats.M
AXReadRate)
When 'Average Read I/O (R
eq/Sec)' Then avg(SD_SE_C
LAR_VNX_Storage_Stats.AV
GReadRate)
When 'Minimum Read I/O (R
eq/Sec)' Then min(SD_SE_C
LAR_VNX_Storage_Stats.MIN
ReadRate)
When 'Maximum Read Hits (
Req/Sec)' Then max(SD_SE_
CLAR_VNX_Storage_Stats.M
AXReadHitRate)
When 'Average Read Hits (
Req/Sec)' Then avg(SD_SE_
CLAR_VNX_Storage_Stats.AV
GReadHitRate)
When 'Minimum Read Hits (
Req/Sec)' Then min(SD_SE_
CLAR_VNX_Storage_Stats.MI
NReadHitRate)
When 'Maximum Write I/O R
ate (Req/Sec)' Then max(S
D_SE_CLAR_VNX_Storage_St
ats.MAXWriteRate)
When 'Average Write I/O R
ate (Req/Sec)' Then avg(S
D_SE_CLAR_VNX_Storage_St
ats.AVGWriteRate)
When 'Minimum Write I/O R
ate (Req/Sec)' Then min(S
D_SE_CLAR_VNX_Storage_St
ats.MINWriteRate)
When 'Maximum Write Hits
(Req/Sec)' Then max(SD_SE
_CLAR_VNX_Storage_Stats.
MAXWriteHitRate)

```
When 'Average Write Hits
(Req/Sec)' Then avg(SD_SE
_CLAR_VNX_Storage_Stats.A
VGWriteHitRate)
When 'Minimum Write Hits
(Req/Sec)' Then min(SD_SE
_CLAR_VNX_Storage_Stats.
MINWriteHitRate)
When 'Maximum Write Data
Rate (Bytes/Sec)' Then ma
x(SD_SE_CLAR_VNX_Storage
_Stats.MAXWriteDataRate)
When 'Average Write Data
Rate (Bytes/Sec)' Then av
g(SD_SE_CLAR_VNX_Storage
_Stats.AVGWriteDataRate)
When 'Minimum Write Data
Rate (Bytes/Sec)' Then mi
n(SD_SE_CLAR_VNX_Storage
_Stats.MINWriteDataRate)
When 'Maximum Average Re
ad Size (Bytes)' Then max(
SD_SE_CLAR_VNX_Storage_S
tats.MAXAvgReadSize)
When 'Minimum Average Re
ad Size (Bytes)' Then min(
SD_SE_CLAR_VNX_Storage_S
tats.MINAvgReadSize)
When 'Maximum Average Wr
ite Size (Bytes)' Then max
(SD_SE_CLAR_VNX_Storage_
Stats.MAXAvgWriteSize)
When 'Minimum Average Wri
te Size (Bytes)' Then min(
SD_SE_CLAR_VNX_Storage_S
tats.MINAvgWriteSize)
When 'Maximum Average IO
 Response Time(Sec)' Then
 max(SD_SE_CLAR_VNX_Stor
age_Stats.MAXAvgIORespon
seTime)
When 'Minimum Average IO
Response Time(Sec)' Then
min(SD_SE_CLAR_VNX_Stora
ge_Stats.MINAvgIOResponse
Time)
```

When 'Maximum Average Qu
eue Depth' Then max(SD_SE
_CLAR_VNX_Storage_Stats.
MAXAvgQueueDepth)
When 'Minimum Average Qu
eue Depth' Then min(SD_SE
_CLAR_VNX_Storage_Stats.
MINAvgQueueDepth)
else 0
End

Where equivalent:

Qualification: measure
Aggregate function: Min
List of values: no
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: DailyOLAP Measure
Type: Character
Description:

Select equivalent: CLAR_SYSTEM_HISTORY_MEASURES.Measure
Where equivalent:

Qualification: dimension
List of values: 1q8, editable, manual refresh, not exportable
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Class: CLARiiON_VNX Volume Measures
Description:

No objects

Class: Raw CLARiiON_VNX Volume Measures
Description:

Object: RAW Aggregate Measure
Type: Number
Description:

Select equivalent:

```
Case CLAR_VOL_RAW_MEASURES.Measure
When 'Total IO Rate (Req/
Sec)' Then SR_SE_CLAR_VN
X_Vol_Stats.TotalIORate
When 'Read Rate (Req/Sec)
' Then SR_SE_CLAR_VNX_Vo
l_Stats.ReadRate
When 'Read Hit Rate Total
 (Req/Sec)' Then SR_SE_CL
AR_VNX_Vol_Stats.ReadHitR
ate
When 'Write Rate (Req/Sec
)' Then SR_SE_CLAR_VNX_V
ol_Stats.WriteRate
When 'Write Hit Rate Total
 (Req/Sec)' Then SR_SE_CL
AR_VNX_Vol_Stats.WriteHit
Rate
When 'Total Data Rate (By
tes/Sec)' Then SR_SE_CLAR
_VNX_Vol_Stats.TotalDataR
ate
When 'Read Data Rate (Byt
es/Sec)' Then SR_SE_CLAR_
VNX_Vol_Stats.ReadDataRat
e
When 'Write Data Rate (By
tes/Sec)' Then SR_SE_CLAR
_VNX_Vol_Stats.WriteDataR
ate
When 'Average Read Size (
Bytes)' Then SR_SE_CLAR_V
NX_Vol_Stats.AvgReadSize
When 'Average Write Size
(Bytes)' Then SR_SE_CLAR_
VNX_Vol_Stats.AvgWriteSiz
e
When '%Reads' Then SR_SE_CLAR_VNX_Vol_Stats.PctReadIOs
When '%Writes' Then SR_SE_CLAR_VNX_Vol_Stats.PctWriteIOs
When '%Hits' Then SR_SE_CLAR_VNX_Vol_Stats.PctHitIOs
When '% Utilization' Then SR_SE_CLAR_VNX_Vol_Stats.PctUtilization
When 'Average Service Tim
e (Sec)' Then SR_SE_CLAR_
VNX_Vol_Stats.AvgServiceT
ime
```

When 'Average IO Response
Time(Sec)' Then SR_SE_CL
AR_VNX_Vol_Stats.AvgIORes
ponseTime
When 'Average Queue Depth
' Then SR_SE_CLAR_VNX_Vo
l_Stats.AvgQueueDepth
else 0
End

Where equivalent:

Qualification: measure
Aggregate function: None
List of values: no
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Raw Measure
Type: Character
Description:

Select equivalent: CLAR_VOL_RAW_MEASURES.Measure
Where equivalent:

Qualification: dimension
List of values: 1qa, editable, manual refresh, not exportable
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Class: Hourly CLARiiON_VNX Volume Measures
Description:

Object: Hourly Aggregate Measure
Type: Number
Description:

Select equivalent: Case CLAR_VOL_HISTORY_MEASURES.Measure
When 'Maximum Total IO Ra
te (Req/Sec)' Then SH_SE_
CLAR_VNX_Vol_Stats.MAXTo
talIORate
When 'Minimum Total IO Ra

te (Req/Sec)' Then SH_SE_
CLAR_VNX_Vol_Stats.MINTo
tallORate
When 'Average Total IO Ra
te (Req/Sec)' Then SH_SE_
CLAR_VNX_Vol_Stats.AVGTo
tallORate

When 'Maximum Read Rate
(Req/Sec)' Then SH_SE_CLA
R_VNX_Vol_Stats.MAXReadR
ate
When 'Minimum Read Rate (
Req/Sec)' Then SH_SE_CLAR
_VNX_Vol_Stats.MINReadRat
e
When 'Average Read Rate (
Req/Sec)' Then SH_SE_CLAR
_VNX_Vol_Stats.AVGReadRat
e

When 'Maximum Read Hit R
ate Total (Req/Sec)' Then
SH_SE_CLAR_VNX_Vol_Stats
.MAXReadHitRate
When 'Minimum Read Hit Ra
te Total (Req/Sec)' Then S
H_SE_CLAR_VNX_Vol_Stats.
MINReadHitRate
When 'Average Read Hit Ra
te Total (Req/Sec)' Then S
H_SE_CLAR_VNX_Vol_Stats.
AVGReadHitRate

When 'Maximum Write Rate
(Req/Sec)' Then SH_SE_CLA
R_VNX_Vol_Stats.MAXWriteR
ate
When 'Minimum Write Rate
(Req/Sec)' Then SH_SE_CLA
R_VNX_Vol_Stats.MINWriteR
ate
When 'Average Write Rate
(Req/Sec)' Then SH_SE_CLA
R_VNX_Vol_Stats.AVGWriteR

ate

When 'Maximum Write Hit R
ate Total (Req/Sec)' Then
SH_SE_CLAR_VNX_Vol_Stats
.MAXWriteHitRate
When 'Minimum Write Hit R
ate Total (Req/Sec)' Then
SH_SE_CLAR_VNX_Vol_Stats
.MINWriteHitRate
When 'Average Write Hit R
ate Total (Req/Sec)' Then
SH_SE_CLAR_VNX_Vol_Stats
.AVGWriteHitRate

When 'Maximum Total Data
Rate (Bytes/Sec)' Then SH
_SE_CLAR_VNX_Vol_Stats.M
AXTotalIORate
When 'Minimum Total Data
Rate (Bytes/Sec)' Then SH
_SE_CLAR_VNX_Vol_Stats.M
INTotalDataRate
When 'Average Total Data
Rate (Bytes/Sec)' Then SH
_SE_CLAR_VNX_Vol_Stats.A
VGTotalDataRate

When 'Maximum Read Data
Rate (Bytes/Sec)' Then SH
_SE_CLAR_VNX_Vol_Stats.M
AXReadDataRate
When 'Minimum Read Data
Rate (Bytes/Sec)' Then SH
_SE_CLAR_VNX_Vol_Stats.M
INReadDataRate
When 'Average Read Data R
ate (Bytes/Sec)' Then SH_
SE_CLAR_VNX_Vol_Stats.AV
GReadDataRate

When 'Maximum Write Data
Rate (Bytes/Sec)' Then SH
_SE_CLAR_VNX_Vol_Stats.M
AXWriteDataRate
When 'Minimum Write Data

Rate (Bytes/Sec)' Then SH
_SE_CLAR_VNX_Vol_Stats.M
INWriteDataRate
When 'Average Write Data
Rate (Bytes/Sec)' Then SH
_SE_CLAR_VNX_Vol_Stats.A
VGWriteDataRate

When 'Maximum Average Re
ad Size (Bytes)' Then SH_
SE_CLAR_VNX_Vol_Stats.MA
XAvgReadSize
When 'Minimum Average Re
ad Size (Bytes)' Then SH_
SE_CLAR_VNX_Vol_Stats.MI
NAvgReadSize

When 'Maximum Average Wr
ite Size (Bytes)' Then SH_
SE_CLAR_VNX_Vol_Stats.MA
XAvgWriteSize
When 'Minimum Average Wri
te Size (Bytes)' Then SH_S
E_CLAR_VNX_Vol_Stats.MIN
AvgWriteSize

When 'Maximum %Reads' Th
en SH_SE_CLAR_VNX_Vol_St
ats.MAXPctReadIOs
When 'Minimum %Reads' Th
en SH_SE_CLAR_VNX_Vol_St
ats.MINPctReadIOs

When 'Maximum %Writes' T
hen SH_SE_CLAR_VNX_Vol_S
tats.MAXPctWriteIOs
When 'Minimum %Writes' Th
en SH_SE_CLAR_VNX_Vol_St
ats.MINPctWriteIOs

When 'Maximum %Hits' The
n SH_SE_CLAR_VNX_Vol_Sta
ts.MAXPctHitIOs
When 'Minimum %Hits' Then
SH_SE_CLAR_VNX_Vol_Stat
s.MINPctHitIOs

```
When 'Maximum % Utilizati
on' Then SH_SE_CLAR_VNX_
Vol_Stats.MAXPctUtil
When 'Minimum % Utilizati
on' Then SH_SE_CLAR_VNX_
Vol_Stats.MINPctUtil

When 'Maximum Average Se
rvice Time (Sec)' Then SH
_SE_CLAR_VNX_Vol_Stats.M
AXAvgServiceTime
When 'Minimum Average Ser
vice Time (Sec)' Then SH_
SE_CLAR_VNX_Vol_Stats.MA
XAvgServiceTime

When 'Maximum Average IO
 Response Time(Sec)' Then
  SH_SE_CLAR_VNX_Vol_Sta
ts.MAXAvgIOResponseTime
When 'Minimum Average IO
Response Time(Sec)' Then
 SH_SE_CLAR_VNX_Vol_Stat
s.MINAvgIOResponseTime

When 'Maximum Average Qu
eue Depth' Then SH_SE_CLA
R_VNX_Vol_Stats.MAXAvgQu
eueDepth
When 'Minimum Average Qu
eue Depth' Then SH_SE_CLA
R_VNX_Vol_Stats.MINAvgQu
eueDepth
else 0
End
```

Where equivalent:

Qualification:	measure
Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object: Hourly Measure
Type: Character
Description:

Select equivalent: CLAR_VOL_HISTORY_MEASURES.Measure
Where equivalent:

Qualification: dimension
List of values: 1qc, editable, manual refresh, not exportable
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Class: Daily CLARiiON_VNX Volume Measures
Description:

Object: Daily Measure
Type: Character
Description:

Select equivalent: CLAR_VOL_HISTORY_MEASURES.Measure
Where equivalent:

Qualification: dimension
List of values: 1qd, editable, manual refresh, not exportable
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Daily Aggregate Measure
Type: Number
Description:

Select equivalent: Case CLAR_VOL_HISTORY_MEASURES.Measure
When 'Maximum Total IO Ra
te (Req/Sec)' Then SD_SE_
CLAR_VNX_Vol_Stats.MAXTo
talIORate
When 'Minimum Total IO Ra
te (Req/Sec)' Then SD_SE_
CLAR_VNX_Vol_Stats.MINTo
talIORate
When 'Average Total IO Ra
te (Req/Sec)' Then SD_SE_

CLAR_VNX_Vol_Stats.AVGTo
tallORate

When 'Maximum Read Rate
(Req/Sec)' Then SD_SE_CLA
R_VNX_Vol_Stats.MAXReadR
ate
When 'Minimum Read Rate (
Req/Sec)' Then SD_SE_CLAR
_VNX_Vol_Stats.MINReadRat
e
When 'Average Read Rate (
Req/Sec)' Then SD_SE_CLAR
_VNX_Vol_Stats.AVGReadRat
e

When 'Maximum Read Hit R
ate Total (Req/Sec)' Then
SD_SE_CLAR_VNX_Vol_Stats
.MAXReadHitRate
When 'Minimum Read Hit Ra
te Total (Req/Sec)' Then S
D_SE_CLAR_VNX_Vol_Stats.
MINReadHitRate
When 'Average Read Hit Ra
te Total (Req/Sec)' Then S
D_SE_CLAR_VNX_Vol_Stats.
AVGReadHitRate

When 'Maximum Write Rate
(Req/Sec)' Then SD_SE_CLA
R_VNX_Vol_Stats.MAXWriteR
ate
When 'Minimum Write Rate
(Req/Sec)' Then SD_SE_CLA
R_VNX_Vol_Stats.MINWriteR
ate
When 'Average Write Rate
(Req/Sec)' Then SD_SE_CLA
R_VNX_Vol_Stats.AVGWriteR
ate

When 'Maximum Write Hit R
ate Total (Req/Sec)' Then
SD_SE_CLAR_VNX_Vol_Stats

.MAXWriteHitRate
When 'Minimum Write Hit R
ate Total (Req/Sec)' Then
SD_SE_CLAR_VNX_Vol_Stats
.MINWriteHitRate
When 'Average Write Hit R
ate Total (Req/Sec)' Then
SD_SE_CLAR_VNX_Vol_Stats
.AVGWriteHitRate

When 'Maximum Total Data
Rate (Bytes/Sec)' Then SD
_SE_CLAR_VNX_Vol_Stats.M
AXTotalIORate
When 'Minimum Total Data
Rate (Bytes/Sec)' Then SD
_SE_CLAR_VNX_Vol_Stats.M
INTotalDataRate
When 'Average Total Data
Rate (Bytes/Sec)' Then SD
_SE_CLAR_VNX_Vol_Stats.A
VGTotalDataRate

When 'Maximum Read Data
Rate (Bytes/Sec)' Then SD
_SE_CLAR_VNX_Vol_Stats.M
AXReadDataRate
When 'Minimum Read Data
Rate (Bytes/Sec)' Then SD
_SE_CLAR_VNX_Vol_Stats.M
INReadDataRate
When 'Average Read Data R
ate (Bytes/Sec)' Then SD_
SE_CLAR_VNX_Vol_Stats.AV
GReadDataRate

When 'Maximum Write Data
Rate (Bytes/Sec)' Then SD
_SE_CLAR_VNX_Vol_Stats.M
AXWriteDataRate
When 'Minimum Write Data
Rate (Bytes/Sec)' Then SD
_SE_CLAR_VNX_Vol_Stats.M
INWriteDataRate
When 'Average Write Data
Rate (Bytes/Sec)' Then SD

_SE_CLAR_VNX_Vol_Stats.A
VGWriteDataRate

When 'Maximum Average Re
ad Size (Bytes)' Then SD_
SE_CLAR_VNX_Vol_Stats.MA
XAvgReadSize
When 'Minimum Average Re
ad Size (Bytes)' Then SD_
SE_CLAR_VNX_Vol_Stats.MI
NAvgReadSize

When 'Maximum Average Wr
ite Size (Bytes)' Then SD_
SE_CLAR_VNX_Vol_Stats.MA
XAvgWriteSize
When 'Minimum Average Wri
te Size (Bytes)' Then SD_S
E_CLAR_VNX_Vol_Stats.MIN
AvgWriteSize

When 'Maximum %Reads' Th
en SD_SE_CLAR_VNX_Vol_St
ats.MAXPctReadIOs
When 'Minimum %Reads' Th
en SD_SE_CLAR_VNX_Vol_St
ats.MINPctReadIOs

When 'Maximum %Writes' T
hen SD_SE_CLAR_VNX_Vol_S
tats.MAXPctWriteIOs
When 'Minimum %Writes' Th
en SD_SE_CLAR_VNX_Vol_St
ats.MINPctWriteIOs

When 'Maximum %Hits' The
n SD_SE_CLAR_VNX_Vol_Sta
ts.MAXPctHitIOs
When 'Minimum %Hits' Then
 SD_SE_CLAR_VNX_Vol_Stat
s.MINPctHitIOs

When 'Maximum % Utilizati
on' Then SD_SE_CLAR_VNX_
Vol_Stats.MAXPctUtil
When 'Minimum % Utilizati

on' Then SD_SE_CLAR_VNX_
Vol_Stats.MINPctUtil

When 'Maximum Average Se
rvice Time (Sec)' Then SD
_SE_CLAR_VNX_Vol_Stats.M
AXAvgServiceTime
When 'Minimum Average Ser
vice Time (Sec)' Then SD_
SE_CLAR_VNX_Vol_Stats.MA
XAvgServiceTime

When 'Maximum Average IO
Response Time(Sec)' Then
SD_SE_CLAR_VNX_Vol_Sta
ts.MAXAvgIOResponseTime
When 'Minimum Average IO
Response Time(Sec)' Then
SD_SE_CLAR_VNX_Vol_Stat
s.MINAvgIOResponseTime

When 'Maximum Average Qu
eue Depth' Then SD_SE_CLA
R_VNX_Vol_Stats.MAXAvgQu
eueDepth
When 'Minimum Average Qu
eue Depth' Then SD_SE_CLA
R_VNX_Vol_Stats.MINAvgQu
eueDepth
else 0
End

Where equivalent:

Qualification:	measure
Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Class: HourlyOLAP CLARiiON_VNX Volume Measures
Description:

Object: HourlyOLAP Aggregate Measure
Type: Number

Description:

Select equivalent:

```
Case CLAR_VOL_HISTORY_MEASURES.Measure

When 'Maximum Total IO Ra
te (Req/Sec)' Then max(SH
_SE_CLAR_VNX_Vol_Stats.M
AXTotalIORate)
When 'Minimum Total IO Ra
te (Req/Sec)' Then min(SH
_SE_CLAR_VNX_Vol_Stats.M
INTotalIORate)
When 'Average Total IO Ra
te (Req/Sec)' Then avg(SH
_SE_CLAR_VNX_Vol_Stats.A
VGTotalIORate)

When 'Maximum Read Rate
(Req/Sec)' Then max(SH_SE
_CLAR_VNX_Vol_Stats.MAXR
eadRate)
When 'Minimum Read Rate (
Req/Sec)' Then min(SH_SE_
CLAR_VNX_Vol_Stats.MINRe
adRate)
When 'Average Read Rate (
Req/Sec)' Then avg(SH_SE_
CLAR_VNX_Vol_Stats.AVGRe
adRate)


When 'Maximum Read Hit R
ate Total (Req/Sec)' Then
max(SH_SE_CLAR_VNX_Vol_S
tats.MAXReadHitRate)
When 'Minimum Read Hit Ra
te Total (Req/Sec)' Then
min(SH_SE_CLAR_VNX_Vol_S
tats.MINReadHitRate)
When 'Average Read Hit Ra
te Total (Req/Sec)' Then a
vg(SH_SE_CLAR_VNX_Vol_St
ats.AVGReadHitRate)

When 'Maximum Write Rate
(Req/Sec)' Then max(SH_SE
```

_CLAR_VNX_Vol_Stats.MAXW
riteRate)
When 'Minimum Write Rate
(Req/Sec)' Then min(SH_SE
_CLAR_VNX_Vol_Stats.MINW
riteRate)
When 'Average Write Rate
(Req/Sec)' Then avg(SH_SE
_CLAR_VNX_Vol_Stats.AVGW
riteRate)

When 'Maximum Write Hit R
ate Total (Req/Sec)' Then
max(SH_SE_CLAR_VNX_Vol_S
tats.MAXWriteHitRate)
When 'Minimum Write Hit R
ate Total (Req/Sec)' Then
min(SH_SE_CLAR_VNX_Vol_S
tats.MINWriteHitRate)
When 'Average Write Hit R
ate Total (Req/Sec)' Then
avg(SH_SE_CLAR_VNX_Vol_S
tats.AVGWriteHitRate)

When 'Maximum Total Data
Rate (Bytes/Sec)' Then ma
x(SH_SE_CLAR_VNX_Vol_Sta
ts.MAXTotalIORate)
When 'Minimum Total Data
Rate (Bytes/Sec)' Then mi
n(SH_SE_CLAR_VNX_Vol_Sta
ts.MINTotalDataRate)
When 'Average Total Data
Rate (Bytes/Sec)' Then av
g(SH_SE_CLAR_VNX_Vol_Sta
ts.AVGTotalDataRate)

When 'Maximum Read Data
Rate (Bytes/Sec)' Then ma
x(SH_SE_CLAR_VNX_Vol_Sta
ts.MAXReadDataRate)
When 'Minimum Read Data
Rate (Bytes/Sec)' Then mi
n(SH_SE_CLAR_VNX_Vol_Sta
ts.MINReadDataRate)
When 'Average Read Data R

```
ate (Bytes/Sec)' Then avg(
SH_SE_CLAR_VNX_Vol_Stats
.AVGReadDataRate)

When 'Maximum Write Data
Rate (Bytes/Sec)' Then ma
x(SH_SE_CLAR_VNX_Vol_Sta
ts.MAXWriteDataRate)
When 'Minimum Write Data
Rate (Bytes/Sec)' Then mi
n(SH_SE_CLAR_VNX_Vol_Sta
ts.MINWriteDataRate)
When 'Average Write Data
Rate (Bytes/Sec)' Then av
g(SH_SE_CLAR_VNX_Vol_Sta
ts.AVGWriteDataRate)

When 'Maximum Average Re
ad Size (Bytes)' Then max(
SH_SE_CLAR_VNX_Vol_Stats
.MAXAvgReadSize)
When 'Minimum Average Re
ad Size (Bytes)' Then min(
SH_SE_CLAR_VNX_Vol_Stats
.MINAvgReadSize)

When 'Maximum Average Wr
ite Size (Bytes)' Then max
(SH_SE_CLAR_VNX_Vol_Stat
s.MAXAvgWriteSize)
When 'Minimum Average Wri
te Size (Bytes)' Then min(
SH_SE_CLAR_VNX_Vol_Stats
.MINAvgWriteSize)

When 'Maximum %Reads' Th
en max(SH_SE_CLAR_VNX_Vo
l_Stats.MAXPctReadIOs)
When 'Minimum %Reads' Th
en min(SH_SE_CLAR_VNX_Vo
l_Stats.MINPctReadIOs)

When 'Maximum %Writes' T
hen max(SH_SE_CLAR_VNX_V
ol_Stats.MAXPctWriteIOs)
When 'Minimum %Writes' Th
```

```
en min(SH_SE_CLAR_VNX_Vo
l_Stats.MINPctWriteIOs)

When 'Maximum %Hits' The
n max(SH_SE_CLAR_VNX_Vol
_Stats.MAXPctHitIOs)
When 'Minimum %Hits' Then
 min(SH_SE_CLAR_VNX_Vol_
Stats.MINPctHitIOs)

When 'Maximum % Utilizati
on' Then max(SH_SE_CLAR_
VNX_Vol_Stats.MAXPctUtil)
When 'Minimum % Utilizati
on' Then min(SH_SE_CLAR_
VNX_Vol_Stats.MINPctUtil)

When 'Maximum Average Se
rvice Time (Sec)' Then ma
x(SH_SE_CLAR_VNX_Vol_Sta
ts.MAXAvgServiceTime)
When 'Minimum Average Ser
vice Time (Sec)' Then min(
SH_SE_CLAR_VNX_Vol_Stats
.MAXAvgServiceTime)

When 'Maximum Average IO
 Response Time(Sec)' Then
  max(SH_SE_CLAR_VNX_Vol
_Stats.MAXAvgIOResponseTi
me)
When 'Minimum Average IO
Response Time(Sec)' Then
 min(SH_SE_CLAR_VNX_Vol_
Stats.MINAvgIOResponseTim
e)

When 'Maximum Average Qu
eue Depth' Then max(SH_SE
_CLAR_VNX_Vol_Stats.MAXA
vgQueueDepth)
When 'Minimum Average Qu
eue Depth' Then min(SH_SE
_CLAR_VNX_Vol_Stats.MINA
vgQueueDepth)
else 0
```

End

Where equivalent:

Qualification: measure
Aggregate function: Min
List of values: no
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: HourlyOLAP Measure
Type: Character
Description:

Select equivalent: CLAR_VOL_HISTORY_MEASURES.Measure
Where equivalent:

Qualification: dimension
List of values: 1qg, editable, manual refresh, not exportable
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Class: DailyOLAP CLARiiON_VNX Volume Measures
Description:

Object: DailyOLAP Aggregate Measure
Type: Number
Description:

Select equivalent: Case CLAR_VOL_HISTORY_MEASURES.Measure
When 'Maximum Total IO Ra
te (Req/Sec)' Then max(SD
_SE_CLAR_VNX_Vol_Stats.M
AXTotalIORate)
When 'Minimum Total IO Ra
te (Req/Sec)' Then min(SD
_SE_CLAR_VNX_Vol_Stats.M
INTotalIORate)
When 'Average Total IO Ra
te (Req/Sec)' Then avg(SD
_SE_CLAR_VNX_Vol_Stats.A
VGTotalIORate)

When 'Maximum Read Rate (Req/Sec)' Then max(SD_SE_CLAR_VNX_Vol_Stats.MAXReadRate)
When 'Minimum Read Rate (Req/Sec)' Then min(SD_SE_CLAR_VNX_Vol_Stats.MINReadRate)
When 'Average Read Rate (Req/Sec)' Then avg(SD_SE_CLAR_VNX_Vol_Stats.AVGReadRate)

When 'Maximum Read Hit Rate Total (Req/Sec)' Then max(SD_SE_CLAR_VNX_Vol_Stats.MAXReadHitRate)
When 'Minimum Read Hit Rate Total (Req/Sec)' Then min(SD_SE_CLAR_VNX_Vol_Stats.MINReadHitRate)
When 'Average Read Hit Rate Total (Req/Sec)' Then avg(SD_SE_CLAR_VNX_Vol_Stats.AVGReadHitRate)

When 'Maximum Write Rate (Req/Sec)' Then max(SD_SE_CLAR_VNX_Vol_Stats.MAXWriteRate)
When 'Minimum Write Rate (Req/Sec)' Then min(SD_SE_CLAR_VNX_Vol_Stats.MINWriteRate)
When 'Average Write Rate (Req/Sec)' Then avg(SD_SE_CLAR_VNX_Vol_Stats.AVGWriteRate)

When 'Maximum Write Hit Rate Total (Req/Sec)' Then max(SD_SE_CLAR_VNX_Vol_Stats.MAXWriteHitRate)
When 'Minimum Write Hit Rate Total (Req/Sec)' Then

min(SD_SE_CLAR_VNX_Vol_S
tats.MINWriteHitRate)
When 'Average Write Hit R
ate Total (Req/Sec)' Then
avg(SD_SE_CLAR_VNX_Vol_S
tats.AVGWriteHitRate)

When 'Maximum Total Data
Rate (Bytes/Sec)' Then ma
x(SD_SE_CLAR_VNX_Vol_Sta
ts.MAXTotalIORate)
When 'Minimum Total Data
Rate (Bytes/Sec)' Then mi
n(SD_SE_CLAR_VNX_Vol_Sta
ts.MINTotalDataRate)
When 'Average Total Data
Rate (Bytes/Sec)' Then av
g(SD_SE_CLAR_VNX_Vol_Sta
ts.AVGTotalDataRate)

When 'Maximum Read Data
Rate (Bytes/Sec)' Then ma
x(SD_SE_CLAR_VNX_Vol_Sta
ts.MAXReadDataRate)
When 'Minimum Read Data
Rate (Bytes/Sec)' Then mi
n(SD_SE_CLAR_VNX_Vol_Sta
ts.MINReadDataRate)
When 'Average Read Data R
ate (Bytes/Sec)' Then avg(
SD_SE_CLAR_VNX_Vol_Stats
.AVGReadDataRate)

When 'Maximum Write Data
Rate (Bytes/Sec)' Then ma
x(SD_SE_CLAR_VNX_Vol_Sta
ts.MAXWriteDataRate)
When 'Minimum Write Data
Rate (Bytes/Sec)' Then mi
n(SD_SE_CLAR_VNX_Vol_Sta
ts.MINWriteDataRate)
When 'Average Write Data
Rate (Bytes/Sec)' Then av
g(SD_SE_CLAR_VNX_Vol_Sta
ts.AVGWriteDataRate)

```
When 'Maximum Average Re
ad Size (Bytes)' Then max(
SD_SE_CLAR_VNX_Vol_Stats
.MAXAvgReadSize)
When 'Minimum Average Re
ad Size (Bytes)' Then min(
SD_SE_CLAR_VNX_Vol_Stats
.MINAvgReadSize)

When 'Maximum Average Wr
ite Size (Bytes)' Then max
(SD_SE_CLAR_VNX_Vol_Stat
s.MAXAvgWriteSize)
When 'Minimum Average Wri
te Size (Bytes)' Then min(
SD_SE_CLAR_VNX_Vol_Stats
.MINAvgWriteSize)

When 'Maximum %Reads' Th
en max(SD_SE_CLAR_VNX_Vo
l_Stats.MAXPctReadIOs)
When 'Minimum %Reads' Th
en min(SD_SE_CLAR_VNX_Vo
l_Stats.MINPctReadIOs)

When 'Maximum %Writes' T
hen max(SD_SE_CLAR_VNX_V
ol_Stats.MAXPctWriteIOs)
When 'Minimum %Writes' Th
en min(SD_SE_CLAR_VNX_Vo
l_Stats.MINPctWriteIOs)

When 'Maximum %Hits' The
n max(SD_SE_CLAR_VNX_Vol
_Stats.MAXPctHitIOs)
When 'Minimum %Hits' Then
 min(SD_SE_CLAR_VNX_Vol_
Stats.MINPctHitIOs)

When 'Maximum % Utilizati
on' Then max(SD_SE_CLAR_
VNX_Vol_Stats.MAXPctUtil)
When 'Minimum % Utilizati
on' Then min(SD_SE_CLAR_
VNX_Vol_Stats.MINPctUtil)
```

```
When 'Maximum Average Se
rvice Time (Sec)' Then ma
x(SD_SE_CLAR_VNX_Vol_Sta
ts.MAXAvgServiceTime)
When 'Minimum Average Ser
vice Time (Sec)' Then min(
SD_SE_CLAR_VNX_Vol_Stats
.MAXAvgServiceTime)

When 'Maximum Average IO
 Response Time(Sec)' Then
  max(SD_SE_CLAR_VNX_Vol
_Stats.MAXAvgIOResponseTi
me)
When 'Minimum Average IO
Response Time(Sec)' Then
 min(SD_SE_CLAR_VNX_Vol_
Stats.MINAvgIOResponseTim
e)

When 'Maximum Average Qu
eue Depth' Then max(SD_SE
_CLAR_VNX_Vol_Stats.MAXA
vgQueueDepth)
When 'Minimum Average Qu
eue Depth' Then min(SD_SE
_CLAR_VNX_Vol_Stats.MINA
vgQueueDepth)
else 0
End
```

Where equivalent:

Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object: DailyOLAP Measure

Type: Character

Description:

Select equivalent: CLAR_VOL_HISTORY_MEASURES.Measure

Where equivalent:

Qualification:	dimension
List of values:	1qi, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Class:	CLARiiON_VNX Disk Measures
Description:	

No objects

Class:	Raw CLARiiON_VNX Disk Measures
Description:	

Object:	RAW Aggregate Measure
Type:	Number
Description:	

Select equivalent:

```
Case  CLAR_DISK_RAW_MEASURES.Measure
When 'Total IO Rate (Req/
Sec)' Then SR_SE_CLAR_VN
X_Disk_Stats.TotalIORate
When 'Total Data Rate (By
tes/Sec)' Then SR_SE_CLAR
_VNX_Disk_Stats.TotalData
Rate
When 'Read Data Rate (Byt
es/Sec)' Then SR_SE_CLAR_
VNX_Disk_Stats.ReadDataRa
te
When 'Read IO Rate (Req/S
ec)' Then SR_SE_CLAR_VNX
_Disk_Stats.ReadIORate
When 'Write IO Rate (Req/
Sec)' Then SR_SE_CLAR_VN
X_Disk_Stats.WriteIORate
When 'Write Data Rate (By
tes/Sec)' Then SR_SE_CLAR
_VNX_Disk_Stats.WriteData
Rate
When '%Reads' Then SR_SE_CLAR_VNX_Disk_Stats.PctReadIOs
When '%Writes' Then SR_SE_CLAR_VNX_Disk_Stats.PctWriteIOs
When 'Average Read Size (
```

Bytes)' Then SR_SE_CLAR_V
NX_Disk_Stats.AvgReadSize
When 'Average Write Size
(Bytes)' Then SR_SE_CLAR_
VNX_Disk_Stats.AvgWriteSi
ze
When 'Average IO Response
 Time(Sec)' Then SR_SE_CL
AR_VNX_Disk_Stats.AvgIOR
esponseTime
When 'Average Queue Depth
' Then SR_SE_CLAR_VNX_Di
sk_Stats.AvgQueueDepth
When '% Utilization' Then
SR_SE_CLAR_VNX_Disk_Stat
s.PctUtilization
When 'Average Service Tim
e (Sec)' Then SR_SE_CLAR_
VNX_Disk_Stats.AvgService
Time
Else 0
End

Where equivalent:

Qualification: measure
Aggregate function: None
List of values: no
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Raw Measure
Type: Character
Description:

Select equivalent: CLAR_DISK_RAW_MEASURES.Measure
Where equivalent:

Qualification: dimension
List of values: 1qk, editable, manual refresh, not exportable
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Class: Hourly CLARiiON_VNX Disk Measures

Description:

Object: Hourly Aggregate Measure
Type: Number
Description:

Select equivalent:

```
Case CLAR_DISK_HISTORY_MEASURES.Measure
When 'Total IO Rate (Req/
Sec)' Then SH_SE_CLAR_VN
X_Disk_Stats.MAXTotalIORa
te
When 'Total IO Rate (Req/
Sec)' Then SH_SE_CLAR_VN
X_Disk_Stats.MINTotalIORa
te
When 'Total IO Rate (Req/
Sec)' Then SH_SE_CLAR_VN
X_Disk_Stats.AVGTotalIORa
te

When 'Total Data Rate (By
tes/Sec)' Then SH_SE_CLAR
_VNX_Disk_Stats.MAXTotalD
ataRate
When 'Total Data Rate (By
tes/Sec)' Then SH_SE_CLAR
_VNX_Disk_Stats.MINTotalD
ataRate
When 'Total Data Rate (By
tes/Sec)' Then SH_SE_CLAR
_VNX_Disk_Stats.AVGTotalD
ataRate

When 'Read Data Rate (Byt
es/Sec)' Then SH_SE_CLAR_
VNX_Disk_Stats.MAXReadDa
taRate
When 'Read Data Rate (Byt
es/Sec)' Then SH_SE_CLAR_
VNX_Disk_Stats.MINReadDat
aRate
When 'Read Data Rate (Byt
es/Sec)' Then SH_SE_CLAR_
VNX_Disk_Stats.AVGReadDat
aRate
```

When 'Read IO Rate (Req/Sec)' Then SH_SE_CLAR_VNX_Disk_Stats.MAXReadIORate
When 'Read IO Rate (Req/Sec)' Then SH_SE_CLAR_VNX_Disk_Stats.MINReadIORate
When 'Read IO Rate (Req/Sec)' Then SH_SE_CLAR_VNX_Disk_Stats.AVGReadIORate

When 'Write IO Rate (Req/Sec)' Then SH_SE_CLAR_VNX_Disk_Stats.MAXWriteIORate
When 'Write IO Rate (Req/Sec)' Then SH_SE_CLAR_VNX_Disk_Stats.MINWriteIORate
When 'Write IO Rate (Req/Sec)' Then SH_SE_CLAR_VNX_Disk_Stats.AVGWriteIORate

When 'Write Data Rate (Bytes/Sec)' Then SH_SE_CLAR_VNX_Disk_Stats.MAXWriteDataRate
When 'Write Data Rate (Bytes/Sec)' Then SH_SE_CLAR_VNX_Disk_Stats.MINWriteDataRate
When 'Write Data Rate (Bytes/Sec)' Then SH_SE_CLAR_VNX_Disk_Stats.AVGWriteDataRate

When '%Reads' Then SH_SE_CLAR_VNX_Disk_Stats.MAXPctReadIOs
When '%Reads' Then SH_SE_CLAR_VNX_Disk_Stats.MINPctReadIOs

When '%Writes' Then SH_SE_CLAR_VNX_Disk_Stats.MAXPctWriteIOs
When '%Writes' Then SH_SE_CLAR_VNX_Disk_Stats.MINPctWriteIOs

When 'Average Read Size (

Bytes)' Then SH_SE_CLAR_V
NX_Disk_Stats.MAXAvgRead
Size
When 'Average Read Size (
Bytes)' Then SH_SE_CLAR_V
NX_Disk_Stats.MINAvgRead
Size

When 'Average Write Size
(Bytes)' Then SH_SE_CLAR_
VNX_Disk_Stats.MAXAvgWrit
eSize
When 'Average Write Size
(Bytes)' Then SH_SE_CLAR_
VNX_Disk_Stats.MINAvgWrit
eSize

When 'Average IO Response
 Time(Sec)' Then SH_SE_CL
AR_VNX_Disk_Stats.MAXAvg
IOResponseTime
When 'Average IO Response
 Time(Sec)' Then SH_SE_CL
AR_VNX_Disk_Stats.MINAvgI
OResponseTime

When 'Average Queue Depth
' Then SH_SE_CLAR_VNX_Di
sk_Stats.MAXAvgQueueDept
h
When 'Average Queue Depth
' Then SH_SE_CLAR_VNX_Di
sk_Stats.MINAvgQueueDept
h

When '% Utilization' Then SH_SE_CLAR_VNX_Disk_Stats.MAXPctUtil
When '% Utilization' Then SH_SE_CLAR_VNX_Disk_Stats.MINPctUtil

When 'Average Service Tim
e (Sec)' Then SH_SE_CLAR_
VNX_Disk_Stats.MAXAvgServ

iceTime
When 'Average Service Tim
e (Sec)' Then SH_SE_CLAR_
VNX_Disk_Stats.MINAvgAvg
ServiceTime
Else 0
End

Where equivalent:

Qualification: measure
Aggregate function: None
List of values: no
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: Hourly Measure
Type: Character
Description:

Select equivalent: CLAR_DISK_HISTORY_MEASURES.Measure
Where equivalent:

Qualification: dimension
List of values: 1qm, editable, manual refresh, not exportable
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Class: Daily CLARiiON_VNX Disk Measures
Description:

Object: Daily Measure
Type: Character
Description:

Select equivalent: CLAR_DISK_HISTORY_MEASURES.Measure
Where equivalent:

Qualification: dimension
List of values: 1qn, editable, manual refresh, not exportable
Security access level: 0
Can be used: in result, in condition, in sort

Object status: show

Object: Daily Aggregate Measure
Type: Number
Description:

Select equivalent: Case CLAR_DISK_HISTORY_MEASURES.Measure

When 'Total IO Rate (Req/Sec)' Then SD_SE_CLAR_VNX_Disk_Stats.MAXTotalIORate
When 'Total IO Rate (Req/Sec)' Then SD_SE_CLAR_VNX_Disk_Stats.MINTotalIORate
When 'Total IO Rate (Req/Sec)' Then SD_SE_CLAR_VNX_Disk_Stats.AVGTotalIORate

When 'Total Data Rate (Bytes/Sec)' Then SD_SE_CLAR_VNX_Disk_Stats.MAXTotalDataRate
When 'Total Data Rate (Bytes/Sec)' Then SD_SE_CLAR_VNX_Disk_Stats.MINTotalDataRate
When 'Total Data Rate (Bytes/Sec)' Then SD_SE_CLAR_VNX_Disk_Stats.AVGTotalDataRate

When 'Read Data Rate (Bytes/Sec)' Then SD_SE_CLAR_VNX_Disk_Stats.MAXReadDataRate
When 'Read Data Rate (Bytes/Sec)' Then SD_SE_CLAR_VNX_Disk_Stats.MINReadDataRate
When 'Read Data Rate (Bytes/Sec)' Then SD_SE_CLAR_VNX_Disk_Stats.AVGReadDat

aRate

When 'Read IO Rate (Req/Sec)' Then SD_SE_CLAR_VNX_Disk_Stats.MAXReadIORate
When 'Read IO Rate (Req/Sec)' Then SD_SE_CLAR_VNX_Disk_Stats.MINReadIORate
When 'Read IO Rate (Req/Sec)' Then SD_SE_CLAR_VNX_Disk_Stats.AVGReadIORate

When 'Write IO Rate (Req/Sec)' Then SD_SE_CLAR_VNX_Disk_Stats.MAXWriteIORate
When 'Write IO Rate (Req/Sec)' Then SD_SE_CLAR_VNX_Disk_Stats.MINWriteIORate
When 'Write IO Rate (Req/Sec)' Then SD_SE_CLAR_VNX_Disk_Stats.AVGWriteIORate

When 'Write Data Rate (Bytes/Sec)' Then SD_SE_CLAR_VNX_Disk_Stats.MAXWriteDataRate
When 'Write Data Rate (Bytes/Sec)' Then SD_SE_CLAR_VNX_Disk_Stats.MINWriteDataRate
When 'Write Data Rate (Bytes/Sec)' Then SD_SE_CLAR_VNX_Disk_Stats.AVGWriteDataRate

When '%Reads' Then SD_SE_CLAR_VNX_Disk_Stats.MAXPctReadIOs
When '%Reads' Then SD_SE_CLAR_VNX_Disk_Stats.MINPctReadIOs

When '%Writes' Then SD_SE_CLAR_VNX_Disk_Stats.MAXPctWriteIOs
When '%Writes' Then SD_SE_CLAR_VNX_Disk_Stats.MINPctWriteIOs

When 'Average Read Size (
Bytes)' Then SD_SE_CLAR_V
NX_Disk_Stats.MAXAvgRead
Size
When 'Average Read Size (
Bytes)' Then SD_SE_CLAR_V
NX_Disk_Stats.MINAvgRead
Size

When 'Average Write Size
(Bytes)' Then SD_SE_CLAR_
VNX_Disk_Stats.MAXAvgWrit
eSize
When 'Average Write Size
(Bytes)' Then SD_SE_CLAR_
VNX_Disk_Stats.MINAvgWrit
eSize

When 'Average IO Response
 Time(Sec)' Then SD_SE_CL
AR_VNX_Disk_Stats.MAXAvg
IOResponseTime
When 'Average IO Response
 Time(Sec)' Then SD_SE_CL
AR_VNX_Disk_Stats.MINAvgI
OResponseTime

When 'Average Queue Depth
' Then SD_SE_CLAR_VNX_Di
sk_Stats.MAXAvgQueueDept
h
When 'Average Queue Depth
' Then SD_SE_CLAR_VNX_Di
sk_Stats.MINAvgQueueDept
h

When '% Utilization' Then SD_SE_CLAR_VNX_Disk_Stats.MAXPctUtil
When '% Utilization' Then SD_SE_CLAR_VNX_Disk_Stats.MINPctUtil

When 'Average Service Tim
e (Sec)' Then SD_SE_CLAR_

VNX_Disk_Stats.MAXAvgServ
iceTime
When 'Average Service Tim
e (Sec)' Then SD_SE_CLAR_
VNX_Disk_Stats.MINAvgAvg
ServiceTime
Else 0
End

Where equivalent:

Qualification:	measure
Aggregate function:	None
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Class: HourlyOLAP CLARiiON_VNX Disk Measures
Description:

Object: HourlyOLAP Aggregate Measure
Type: Number
Description:

Select equivalent:

```
Case CLAR_DISK_HISTORY_MEASURES.Measure
When 'Total IO Rate (Req/
Sec)' Then max(SH_SE_CLA
R_VNX_Disk_Stats.MAXTotal
IORate)
When 'Total IO Rate (Req/
Sec)' Then min(SH_SE_CLAR
_VNX_Disk_Stats.MINTotalI
ORate)
When 'Total IO Rate (Req/
Sec)' Then avg(SH_SE_CLAR
_VNX_Disk_Stats.AVGTotalI
ORate)

When 'Total Data Rate (By
tes/Sec)' Then max(SH_SE_
CLAR_VNX_Disk_Stats.MAXT
otalDataRate)
When 'Total Data Rate (By
tes/Sec)' Then min(SH_SE_
```

CLAR_VNX_Disk_Stats.MINT
otalDataRate)
When 'Total Data Rate (By
tes/Sec)' Then avg(SH_SE_
CLAR_VNX_Disk_Stats.AVGT
otalDataRate)

When 'Read Data Rate (Byt
es/Sec)' Then max(SH_SE_C
LAR_VNX_Disk_Stats.MAXRe
adDataRate)
When 'Read Data Rate (Byt
es/Sec)' Then min(SH_SE_C
LAR_VNX_Disk_Stats.MINRe
adDataRate)
When 'Read Data Rate (Byt
es/Sec)' Then avg(SH_SE_C
LAR_VNX_Disk_Stats.AVGRe
adDataRate)

When 'Read IO Rate (Req/S
ec)' Then max(SH_SE_CLAR
_VNX_Disk_Stats.MAXReadI
ORate)
When 'Read IO Rate (Req/S
ec)' Then min(SH_SE_CLAR_
VNX_Disk_Stats.MINReadIO
Rate)
When 'Read IO Rate (Req/S
ec)' Then avg(SH_SE_CLAR_
VNX_Disk_Stats.AVGReadIO
Rate)

When 'Write IO Rate (Req/
Sec)' Then Max(SH_SE_CLAR
_VNX_Disk_Stats.MAXWriteI
ORate)
When 'Write IO Rate (Req/
Sec)' Then min(SH_SE_CLAR
_VNX_Disk_Stats.MINWriteI
ORate)
When 'Write IO Rate (Req/
Sec)' Then avg(SH_SE_CLAR
_VNX_Disk_Stats.AVGWriteI
ORate)

When 'Write Data Rate (By
tes/Sec)' Then max(SH_SE_
CLAR_VNX_Disk_Stats.MAXW
riteDataRate)
When 'Write Data Rate (By
tes/Sec)' Then min(SH_SE_
CLAR_VNX_Disk_Stats.MINW
riteDataRate)
When 'Write Data Rate (By
tes/Sec)' Then avg(SH_SE_
CLAR_VNX_Disk_Stats.AVGW
riteDataRate)

When '%Reads' Then Max(S
H_SE_CLAR_VNX_Disk_Stats
.MAXPctReadIOs)
When '%Reads' Then min(S
H_SE_CLAR_VNX_Disk_Stats
.MINPctReadIOs)

When '%Writes' Then Max(S
H_SE_CLAR_VNX_Disk_Stats
.MAXPctWriteIOs)
When '%Writes' Then min(S
H_SE_CLAR_VNX_Disk_Stats
.MINPctWriteIOs)

When 'Average Read Size (
Bytes)' Then Max(SH_SE_CL
AR_VNX_Disk_Stats.MAXAvg
ReadSize)
When 'Average Read Size (
Bytes)' Then min(SH_SE_CL
AR_VNX_Disk_Stats.MINAvg
ReadSize)

When 'Average Write Size
(Bytes)' Then Max(SH_SE_C
LAR_VNX_Disk_Stats.MAXAv
gWriteSize)
When 'Average Write Size
(Bytes)' Then min(SH_SE_C
LAR_VNX_Disk_Stats.MINAv

```
gWriteSize)

When 'Average IO Response
 Time(Sec)' Then Max(SH_S
E_CLAR_VNX_Disk_Stats.MA
XAvgIOResponseTime)
When 'Average IO Response
 Time(Sec)' Then min(SH_S
E_CLAR_VNX_Disk_Stats.MI
NAvgIOResponseTime)

When 'Average Queue Depth
' Then Max(SH_SE_CLAR_VN
X_Disk_Stats.MAXAvgQueue
Depth)
When 'Average Queue Depth
' Then min(SH_SE_CLAR_VN
X_Disk_Stats.MINAvgQueue
Depth)

When '% Utilization' Then
Max(SH_SE_CLAR_VNX_Disk_
Stats.MAXPctUtil)
When '% Utilization' Then
min(SH_SE_CLAR_VNX_Disk_
Stats.MINPctUtil)

When 'Average Service Tim
e (Sec)' Then Max(SH_SE_C
LAR_VNX_Disk_Stats.MAXAv
gServiceTime)
When 'Average Service Tim
e (Sec)' Then min(SH_SE_C
LAR_VNX_Disk_Stats.MINAv
gAvgServiceTime )
Else 0
End
```

Where equivalent:

Qualification:	measure
Aggregate function:	Min

List of values: no
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Object: HourlyOLAP Measure
Type: Character
Description:

Select equivalent: CLAR_DISK_HISTORY_MEASURES.Measure
Where equivalent:

Qualification: dimension
List of values: 1qq, editable, manual refresh, not exportable
Security access level: 0
Can be used: in result, in condition, in sort
Object status: show

Class: DailyOLAP CLARiiON_VNX Disk Measures
Description:

Object: DailyOLAP Aggregate Measure
Type: Number
Description:

Select equivalent: Case CLAR_DISK_HISTORY_MEASURES.Measure

When 'Total IO Rate (Req/
Sec)' Then max(SD_SE_CLA
R_VNX_Disk_Stats.MAXTotal
IORate)
When 'Total IO Rate (Req/
Sec)' Then min(SD_SE_CLAR
_VNX_Disk_Stats.MINTotalI
ORate)
When 'Total IO Rate (Req/
Sec)' Then avg(SD_SE_CLAR
_VNX_Disk_Stats.AVGTotalI
ORate)

When 'Total Data Rate (By
tes/Sec)' Then max(SD_SE_
CLAR_VNX_Disk_Stats.MAXT
otalDataRate)

When 'Total Data Rate (By
tes/Sec)' Then min(SD_SE_
CLAR_VNX_Disk_Stats.MINT
otalDataRate)
When 'Total Data Rate (By
tes/Sec)' Then avg(SD_SE_
CLAR_VNX_Disk_Stats.AVGT
otalDataRate)

When 'Read Data Rate (Byt
es/Sec)' Then max(SD_SE_C
LAR_VNX_Disk_Stats.MAXRe
adDataRate)
When 'Read Data Rate (Byt
es/Sec)' Then min(SD_SE_C
LAR_VNX_Disk_Stats.MINRe
adDataRate)
When 'Read Data Rate (Byt
es/Sec)' Then avg(SD_SE_C
LAR_VNX_Disk_Stats.AVGRe
adDataRate)

When 'Read IO Rate (Req/S
ec)' Then max(SD_SE_CLAR
_VNX_Disk_Stats.MAXReadI
ORate)
When 'Read IO Rate (Req/S
ec)' Then min(SD_SE_CLAR_
VNX_Disk_Stats.MINReadIO
Rate)
When 'Read IO Rate (Req/S
ec)' Then avg(SD_SE_CLAR_
VNX_Disk_Stats.AVGReadIO
Rate)

When 'Write IO Rate (Req/
Sec)' Then Max(SD_SE_CLAR
_VNX_Disk_Stats.MAXWriteI
ORate)
When 'Write IO Rate (Req/
Sec)' Then min(SD_SE_CLAR
_VNX_Disk_Stats.MINWriteI
ORate)
When 'Write IO Rate (Req/
Sec)' Then avg(SD_SE_CLAR
_VNX_Disk_Stats.AVGWriteI

ORate)

When 'Write Data Rate (By
tes/Sec)' Then max(SD_SE_
CLAR_VNX_Disk_Stats.MAXW
riteDataRate)
When 'Write Data Rate (By
tes/Sec)' Then min(SD_SE_
CLAR_VNX_Disk_Stats.MINW
riteDataRate)
When 'Write Data Rate (By
tes/Sec)' Then avg(SD_SE_
CLAR_VNX_Disk_Stats.AVGW
riteDataRate)

When '%Reads' Then Max(S
D_SE_CLAR_VNX_Disk_Stats
.MAXPctReadIOs)
When '%Reads' Then min(S
D_SE_CLAR_VNX_Disk_Stats
.MINPctReadIOs)

When '%Writes' Then Max(S
D_SE_CLAR_VNX_Disk_Stats
.MAXPctWriteIOs)
When '%Writes' Then min(S
D_SE_CLAR_VNX_Disk_Stats
.MINPctWriteIOs)

When 'Average Read Size (
Bytes)' Then Max(SD_SE_CL
AR_VNX_Disk_Stats.MAXAvg
ReadSize)
When 'Average Read Size (
Bytes)' Then min(SD_SE_CL
AR_VNX_Disk_Stats.MINAvg
ReadSize)

When 'Average Write Size
(Bytes)' Then Max(SD_SE_C
LAR_VNX_Disk_Stats.MAXAv
gWriteSize)
When 'Average Write Size

```
(Bytes)' Then min(SD_SE_C
LAR_VNX_Disk_Stats.MINAv
gWriteSize)


When 'Average IO Response
 Time(Sec)' Then Max(SD_S
E_CLAR_VNX_Disk_Stats.MA
XAvgIOResponseTime)
When 'Average IO Response
 Time(Sec)' Then min(SD_S
E_CLAR_VNX_Disk_Stats.MI
NAvgIOResponseTime)


When 'Average Queue Depth
' Then Max(SD_SE_CLAR_VN
X_Disk_Stats.MAXAvgQueue
Depth)
When 'Average Queue Depth
' Then min(SD_SE_CLAR_VN
X_Disk_Stats.MINAvgQueue
Depth)


When '% Utilization' Then
Max(SD_SE_CLAR_VNX_Disk_
Stats.MAXPctUtil)
When '% Utilization' Then
min(SD_SE_CLAR_VNX_Disk_
Stats.MINPctUtil)


When 'Average Service Tim
e (Sec)' Then Max(SD_SE_C
LAR_VNX_Disk_Stats.MAXAv
gServiceTime)
When 'Average Service Tim
e (Sec)' Then min(SD_SE_C
LAR_VNX_Disk_Stats.MINAv
gAvgServiceTime )
Else 0
End
```

Where equivalent:

Qualification:	measure
Aggregate function:	Min
List of values:	no
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Object:	DailyOLAP Measure
Type:	Character
Description:	
Select equivalent:	CLAR_DISK_HISTORY_MEASURES.Measure
Where equivalent:	
Qualification:	dimension
List of values:	1qs, editable, manual refresh, not exportable
Security access level:	0
Can be used:	in result, in condition, in sort
Object status:	show

Conditions

Class:	SOM_EMCCLAR_VNXPerfReporting_Core
Description:	

HPCLARiiON_VNX_StorageSytems
Description:Displays only HP 3PAR storage systems
Where Equivalent:K_SE_StorageSystem.ProviderTag='Clar_StorageSystem'

Class:	Raw CLARiiON_VNX Sto rage System Performan ce Statistics
Description:	

Latest Collection Time
Description:Filters data to display EMC Clariion and VNX Storage System perform ance statistics for the latest collection time ONLY.
Where Equivalent:@Select(DATETIME(EMC CLARiiON_VNX Storage System Performanc

e Statistics)\Full Date) in (Select max(
SR_SE_CLAR_VNX_Sys_Stats.ta_period) fr
om SR_SE_CLAR_VNX_Sys_Stats , K_SE_St
orageSystem K WHERE SR_SE_CLAR_VNX_Sy
s_Stats.dsi_key_id_ = K.dsi_key_id and
K.dsi_key_id=@Select(Supplemental\Stor
age System Key) Group By K.dsi_key_id)

Class:	Hourly CLARiiON_VNX Storage System Perfor mance Statistics
Description:	

Latest Collection Time
Description:Filters data to displayClari
ion and VNX Storage System performance
statistics for the latest collection tim
e ONLY.
Where Equivalent:@Select(DATETIME(EMC
CLARiiON_VNX Storage System Performanc
e Statistics)\Full Date) in (Select max(
SH_SE_CLAR_VNX_Storage_Stats.ta_period
) from SH_SE_CLAR_VNX_Storage_Stats ,
K_SE_StorageSystem K WHERE SH_SE_CLAR
_VNX_Storage_Stats.dsi_key_id_ = K.dsi_
key_id and K.dsi_key_id=@Select(Supple
mental\Storage System Key) Group By K.
dsi_key_id)

Class:	Daily CLARiiON_VNX St orage System Performa nce Statistics
Description:	

Latest Collection Time
Description:Filters data to display Clar
iion and VNX Storage System performanc
e statistics for the latest collection ti
me ONLY.
Where Equivalent:@Select(DATETIME(EMC
CLARiiON_VNX Storage System Performanc
e Statistics)\Full Date) in (Select max(
SD_SE_CLAR_VNX_Storage_Stats.ta_period
) from SD_SE_CLAR_VNX_Storage_Stats ,

K_SE_StorageSystem K WHERE SD_SE_CLAR
_VNX_Storage_Stats.dsi_key_id_ = K.dsi_
key_id and K.dsi_key_id=@Select(Supple
mental\Storage System Key) Group By K.
dsi_key_id)

Class:	HourlyOLAP-CLARiiON_ VNX Storage System P erformance Statistics
Description:	

Latest Collection Time
Description:Filters data to display Clar
iion and VNX Storage System performanc
e statistics for the latest collection ti
me ONLY.
Where Equivalent:@Select(DATETIME(EMC
CLARiiON_VNX Storage System Performanc
e Statistics)\Full Date) in (Select max(
SH_SE_CLAR_VNX_Storage_Stats.ta_period
) from SH_SE_CLAR_VNX_Storage_Stats ,
K_SE_StorageSystem K WHERE SH_SE_CLAR
_VNX_Storage_Stats.dsi_key_id_ = K.dsi_
key_id and K.dsi_key_id=@Select(Supple
mental\Storage System Key) Group By K.
dsi_key_id)

Class:	DailyOLAP-CLARiiON_V NX Storage System Per formance Statistics
Description:	

Latest Collection Time
Description:Filters data to display clar
iion and VNX Storage System performanc
e statistics for the latest collection ti
me ONLY.
Where Equivalent:@Select(DATETIME(EMC
CLARiiON_VNX Storage System Performanc
e Statistics)\Full Date) in (Select max(
SD_SE_CLAR_VNX_Storage_Stats.ta_period
) from SD_SE_CLAR_VNX_Storage_Stats ,
K_SE_StorageSystem K WHERE SD_SE_CLAR
_VNX_Storage_Stats.dsi_key_id_ = K.dsi_

key_id and K.dsi_key_id=@Select(Supple
mental\Storage System Key) Group By K.
dsi_key_id)

Class:	Raw CLARiiON_VNX Sto rage Volume Performa nce Statistics
Description:	

Latest Collection Time
Description:Filters data to display Clar
iion and VNX Storage Volume Performanc
e Statistics for the latest collection ti
me ONLY.
Where Equivalent:@Select(DATETIME(EMC
CLARiiON_VNX Storage Volume Performanc
e Statistics)\Full Date) in (Select max(
SR_SE_CLAR_VNX_Vol_Stats.ta_period) fr
om SR_SE_CLAR_VNX_Vol_Stats, K_SE_Stor
age_Volume K WHERE SR_SE_CLAR_VNX_Vol
_Stats.dsi_key_id_ = K.dsi_key_id and
K.dsi_key_id=@Select(Supplemental\Stor
age Volume Key) Group By K.dsi_key_id)

Class:	Hourly CLARiiON_VNX Storage Volume Perfor mance Statistics
Description:	

Latest Collection Time
Description:Filters data to display Clar
iion and VNX Storage Volume Performanc
e Statistics for the latest collection ti
me ONLY.
Where Equivalent:@Select(DATETIME(EMC
CLARiiON_VNX Storage Volume Performanc
e Statistics)\Full Date) in (Select max(
SH_SE_CLAR_VNX_Vol_Stats.ta_period) fr
om SH_SE_CLAR_VNX_Vol_Stats, K_SE_Stor
age_Volume K WHERE SH_SE_CLAR_VNX_Vol
_Stats.dsi_key_id_ = K.dsi_key_id and
K.dsi_key_id=@Select(Supplemental\Stor
age Volume Key) Group By K.dsi_key_id)

Class: Daily CLARiiON_VNX Storage Volume Performance Statistics

Description:

Latest Collection Time

Description:Filters data to display Clariion and VNX Storage Volume Performance Statistics for the latest collection time ONLY.

Where Equivalent:@Select(DATETIME(EMC CLARiiON_VNX Storage Volume Performance Statistics)\Full Date) in (Select max(SD_SE_CLAR_VNX_Vol_Stats.ta_period) from SD_SE_CLAR_VNX_Vol_Stats, K_SE_Storage_Volume K WHERE SD_SE_CLAR_VNX_Vol_Stats.dsi_key_id_ = K.dsi_key_id and K.dsi_key_id=@Select(Supplemental\Storage Volume Key) Group By K.dsi_key_id)

Class: HourlyOLAP-CLARiiON_VNX Storage Volume Performance Statistics

Description:

Latest Collection Time

Description:Filters data to display Clariion and VNX Storage Volume Performance Statistics for the latest collection time ONLY.

Where Equivalent:@Select(DATETIME(EMC CLARiiON_VNX Storage Volume Performance Statistics)\Full Date) in (Select max(SH_SE_CLAR_VNX_Vol_Stats.ta_period) from SH_SE_CLAR_VNX_Vol_Stats, K_SE_Storage_Volume K WHERE SH_SE_CLAR_VNX_Vol_Stats.dsi_key_id_ = K.dsi_key_id and K.dsi_key_id=@Select(Supplemental\Storage Volume Key) Group By K.dsi_key_id)

Class: DailyOLAP-CLARiiON_VNX Storage Volume Performance Statistics

Description:

Latest Collection Time
Description:Filters data to display Clar
iion and VNX Storage Volume Performanc
e Statistics for the latest collection ti
me ONLY.
Where Equivalent:@Select(DATETIME(EMC
CLARiiON_VNX Storage Volume Performanc
e Statistics)\Full Date) in (Select max(
SD_SE_CLAR_VNX_Vol_Stats.ta_period) fr
om SD_SE_CLAR_VNX_Vol_Stats, K_SE_Stor
age_Volume K WHERE SD_SE_CLAR_VNX_Vol
_Stats.dsi_key_id_ = K.dsi_key_id and
K.dsi_key_id=@Select(Supplemental\Stor
age Volume Key) Group By K.dsi_key_id)

Class: Raw CLARiiON_VNX Controller Performance Statistics
Description:

Latest Collection Time
Description:Filters data to display Clar
iion and VNX Controller Performance Sta
tistics for the latest collection time O
NLY.
Where Equivalent:@Select(DATETIME(EMC
CLARiiON_VNX Controller Performance St
atistics)\Full Date) in (Select max(SR_S
E_CLAR_VNX_Cntrlr_Stats.ta_period) fro
m SR_SE_CLAR_VNX_Cntrlr_Stats , K_SE_
Storage_Processor K WHERE SR_SE_CLAR_
VNX_Cntrlr_Stats.dsi_key_id_ = K.dsi_ke
y_id and K.dsi_key_id=@Select(Supplem
ental\Controller Key) Group By K.dsi_ke
y_id)

Class: Hourly CLARiiON_VNX Controller Performanc e Statistics
Description:

Latest Collection Time
Description:Filters data to display Clar

iion and VNX Controller Performance Sta
tistics for the latest collection time O
NLY.
Where Equivalent:@Select(DATETIME(EMC
CLARiiON_VNX Controller Performance St
atistics)\Full Date) in (Select max(SH_S
E_CLAR_VNX_FECntrlr_Stats.ta_period) fr
om SH_SE_CLAR_VNX_FECntrlr_Stats , K_
SE_Storage_Processor K WHERE SH_SE_CL
AR_VNX_FECntrlr_Stats.dsi_key_id_ = K.d
si_key_id and K.dsi_key_id=@Select(Sup
plemental\Controller Key) Group By K.ds
i_key_id)

Class:	Daily CLARiiON_VNX C ontroller Performance Statistics
Description:	

Latest Collection Time
Description:Filters data to display Clar
iion and VNX Controller Performance Sta
tistics for the latest collection time O
NLY.
Where Equivalent:@Select(DATETIME(EMC
CLARiiON_VNX Controller Performance St
atistics)\Full Date) in (Select max(SD_S
E_CLAR_VNX_FECntrlr_Stats.ta_period) fr
om SD_SE_CLAR_VNX_FECntrlr_Stats , K_
SE_Storage_Processor K WHERE SD_SE_CL
AR_VNX_FECntrlr_Stats.dsi_key_id_ = K.d
si_key_id and K.dsi_key_id=@Select(Sup
plemental\Controller Key) Group By K.ds
i_key_id)

Class:	HourlyOLAP-CLARiiON_ VNX Controller Perfor mance Statistics
Description:	

Latest Collection Time
Description:Filters data to display Clar
iion and VNX Controller Performance Sta
tistics for the latest collection time O

NLY.
Where Equivalent:@Select(DATETIME(EMC
CLARiiON_VNX Controller Performance St
atistics)\Full Date) in (Select max(SH_S
E_CLAR_VNX_FECntrlr_Stats.ta_period) fr
om SH_SE_CLAR_VNX_FECntrlr_Stats , K_
SE_Storage_Processor K WHERE SH_SE_CL
AR_VNX_FECntrlr_Stats.dsi_key_id_ = K.d
si_key_id and K.dsi_key_id=@Select(Sup
plemental\Controller Key) Group By K.ds
i_key_id)

Class:	DailyOLAP-CLARiiON_V NX Controller Perform ance Statistics
Description:	

Latest Collection Time
Description:Filters data to display Clar
iion and VNX Controller Performance Sta
tistics for the latest collection time O
NLY.
Where Equivalent:@Select(DATETIME(EMC
CLARiiON_VNX Controller Performance St
atistics)\Full Date) in (Select max(SD_S
E_CLAR_VNX_FECntrlr_Stats.ta_period) fr
om SD_SE_CLAR_VNX_FECntrlr_Stats , K_
SE_Storage_Processor K WHERE SD_SE_CL
AR_VNX_FECntrlr_Stats.dsi_key_id_ = K.d
si_key_id and K.dsi_key_id=@Select(Sup
plemental\Controller Key) Group By K.ds
i_key_id)

Class:	Raw CLARiiON_VNX Port Performance Statistics
Description:	

Latest Collection Time
Description:Filters data to display Clariion and VNX Disk Performance Statistics for the latest collection time ONLY.
Where Equivalent:@Select(DATETIME(EMC
CLARiiON_VNX Port Performance Statistic
s)\Full Date) in (Select max(SR_SE_CLAR
_VNX_FCPort_Stats.ta_period) from SR_S
E_CLAR_VNX_FCPort_Stats, K_SE_Storage_
Port K WHERE SR_SE_CLAR_VNX_FCPort_S

tats.dsi_key_id_ = K.dsi_key_id and K.
dsi_key_id=@Select(Supplemental\FC Por
t Key) Group By K.dsi_key_id)

Class:	Hourly CLARiiON_VNX Port Performance Statistics
Description:	

Latest Collection Time

Description:Filters data to display Clariion and VNX Disk Performance Statistics for the latest collection time ONLY.
Where Equivalent:@Select(DATETIME(EMC
CLARiiON_VNX Port Performance Statistic
s)\Full Date) in (Select max(SH_SE_CLAR
_VNX_FCPort_Stats.ta_period) from SH_S
E_CLAR_VNX_FCPort_Stats, K_SE_Storage_
Port K WHERE SH_SE_CLAR_VNX_FCPort_S
tats.dsi_key_id_ = K.dsi_key_id and K.
dsi_key_id=@Select(Supplemental\FC Por
t Key) Group By K.dsi_key_id)

Class:	Daily CLARiiON_VNX Port Performance Statistics
Description:	

Latest Collection Time

Description:Filters data to display Clariion and VNX Disk Performance Statistics for the latest collection time ONLY.
Where Equivalent:@Select(DATETIME(EMC
CLARiiON_VNX Port Performance Statistic
s)\Full Date) in (Select max(SD_SE_CLAR
_VNX_FCPort_Stats.ta_period) from SD_S
E_CLAR_VNX_FCPort_Stats, K_SE_Storage_
Port K WHERE SD_SE_CLAR_VNX_FCPort_S
tats.dsi_key_id_ = K.dsi_key_id and K.
dsi_key_id=@Select(Supplemental\FC Por
t Key) Group By K.dsi_key_id)

Class:	HourlyOLAP-CLARiiON_ VNX Port Performance Statistics
Description:	

Latest Collection Time

Description:Filters data to display Clariion and VNX Disk Performance Statistics for the latest collection time ONLY.
Where Equivalent:@Select(DATETIME(EMC
CLARiiON_VNX Port Performance Statistic

s)\Full Date) in (Select max(SH_SE_CLAR
_VNX_FCPort_Stats.ta_period) from SH_S
E_CLAR_VNX_FCPort_Stats, K_SE_Storage_
Port K WHERE SH_SE_CLAR_VNX_FCPort_S
tats.dsi_key_id_ = K.dsi_key_id and K.
dsi_key_id=@Select(Supplemental\FC Por
t Key) Group By K.dsi_key_id)

Class:	DailyOLAP-CLARiiON_V NX Port Performance S tatistics
Description:	

Latest Collection Time

Description:Filters data to display Clariion and VNX Disk Performance Statistics for the latest collection time ONLY.
Where Equivalent:@Select(DATETIME(EMC
CLARiiON_VNX Port Performance Statistic
s)\Full Date) in (Select max(SD_SE_CLAR
_VNX_FCPort_Stats.ta_period) from SD_S
E_CLAR_VNX_FCPort_Stats, K_SE_Storage_
Port K WHERE SD_SE_CLAR_VNX_FCPort_S
tats.dsi_key_id_ = K.dsi_key_id and K.
dsi_key_id=@Select(Supplemental\FC Por
t Key) Group By K.dsi_key_id)

Class:	Raw CLARiiON_VNX Dis k Drive Performance S tatistics
Description:	

Latest Collection Time

Description:Filters data to display Clar
iion and VNX Disk Drive performance sta
ts for the latest collection time ONLY.
Where Equivalent:@Select(DATETIME(EMC
CLARiiON_VNX Disk Drive Performance St
atistics)\Full Date) in (Select max(SR_S
E_CLAR_VNX_Disk_Stats.ta_period) from
SR_SE_CLAR_VNX_Disk_Stats , K_SE_Stora
ge_DiskDrive K WHERE SR_SE_CLAR_VNX_
Disk_Stats.dsi_key_id_ = K.dsi_key_id a
nd K.dsi_key_id=@Select(Supplemental\
Disk Drive Key) Group By K.dsi_key_id)

Class: Hourly CLARiiON_VNX Disk Performance Statistics
Description:

Latest Collection Time
Description:Filters data to display Clar
iion and VNX Disk Drive performance sta
ts for the latest collection time ONLY.
Where Equivalent:@Select(DATETIME(EMC
CLARiiON_VNX Disk Drive Performance St
atistics)\Full Date) in (Select max(SH_S
E_CLAR_VNX_Disk_Stats.ta_period) from
SH_SE_CLAR_VNX_Disk_Stats , K_SE_Stora
ge_DiskDrive K WHERE SH_SE_CLAR_VNX_
Disk_Stats.dsi_key_id_ = K.dsi_key_id a
nd K.dsi_key_id=@Select(Supplemental\
Disk Drive Key) Group By K.dsi_key_id)

Class: Daily CLARiiON_VNX Disk Performance Statistics
Description:

Latest Collection Time
Description:Filters data to display Clar
iion and VNX Disk Drive performance sta
ts for the latest collection time ONLY.
Where Equivalent:@Select(DATETIME(EMC
CLARiiON_VNX Disk Drive Performance St
atistics)\Full Date) in (Select max(SD_S
E_CLAR_VNX_Disk_Stats.ta_period) from
SD_SE_CLAR_VNX_Disk_Stats , K_SE_Stora
ge_DiskDrive K WHERE SD_SE_CLAR_VNX_
Disk_Stats.dsi_key_id_ = K.dsi_key_id a
nd K.dsi_key_id=@Select(Supplemental\
Disk Drive Key) Group By K.dsi_key_id)

Class: HourlyOLAP-CLARiiON_
VNX Disk Performance
Statistics
Description:

Latest Collection Time
Description:Filters data to display Clar
iion and VNX Disk Drive performance sta
ts for the latest collection time ONLY.

Where Equivalent:@Select(DATETIME(EMC
CLARiiON_VNX Disk Drive Performance St
atistics)\Full Date) in (Select max(SH_S
E_CLAR_VNX_Disk_Stats.ta_period) from
SH_SE_CLAR_VNX_Disk_Stats , K_SE_Stora
ge_DiskDrive K WHERE SH_SE_CLAR_VNX_
Disk_Stats.dsi_key_id_ = K.dsi_key_id a
nd K.dsi_key_id=@Select(Supplemental\
Disk Drive Key) Group By K.dsi_key_id)

Class:	DailyOLAP-CLARiiON_V NX Disk Performance S tatistics
Description:	

Latest Collection Time
Description:Filters data to display Clar
iion and VNX Disk Drive performance sta
ts for the latest collection time ONLY.
Where Equivalent:@Select(DATETIME(EMC
CLARiiON_VNX Disk Drive Performance St
atistics)\Full Date) in (Select max(SD_S
E_CLAR_VNX_Disk_Stats.ta_period) from
SD_SE_CLAR_VNX_Disk_Stats , K_SE_Stora
ge_DiskDrive K WHERE SD_SE_CLAR_VNX_
Disk_Stats.dsi_key_id_ = K.dsi_key_id a
nd K.dsi_key_id=@Select(Supplemental\
Disk Drive Key) Group By K.dsi_key_id)

Class:	Date Time Period
Description:	

Gap Filter
Description:Used to fill the values for the missing date ranges
Where Equivalent:DATETIME.TIME_FULL_D
ATE < convert(date,cast(Year(getSHRDat
e())+1 as char(4))+ '-01-01')

Use Custom Range
Description:Use Custom Range Filter List of Values for Date Range Prompt
Where Equivalent:@Variable('Select Date Range')='Use Custom Range'

DateTimeRange
Description:Date Time Range Filter Prompt with Various List of Values for Time Period

Where Equivalent:DATETIMERANGE.DATE_R
ANGE = @Prompt('Select Date Range','A',
{'Current Month','Last Month','Last 3 Mo
nths','Use Custom Range'},mono,constrai
ned,persistent,{'Current Month'})

Hierarchies

MA_GEN_HIE_CLARiiON_VNX Storage System
Hierarchy(CLARiiON_VNXStorageSystem(E
MC CLARiiON_VNX Storage System Perform
ance Statistics))
CLARiiON_VNXStorageSystem(EMC CLARiiON_VNX Storage System Performance Statistics)/SOM Source Name
CLARiiON_VNXStorageSystem(EMC CLARiiON_VNX Storage System Performance Statistics)/Tenant Name
CLARiiON_VNXStorageSystem(EMC CLARiiON_VNX Storage System Performance Statistics)/Vendor
CLARiiON_VNXStorageSystem(EMC CLARiiON_VNX Storage System Performance Statistics)/Model
CLARiiON_VNXStorageSystem(EMC CLARiiON_VNX Storage System Performance Statistics)/Storage System Name
CLARiiON_VNXStorageSystem(EMC CLARiiON_VNX Storage System Performance Statistics)/Storage System UUID
MA_GEN_HIE_DATETIMEHierarchy(DATETIME(EMC CLARiiON_VNX Storage System Performance Statistics))
DATETIME(EMC CLARiiON_VNX Storage System Performance Statistics)/Year
DATETIME(EMC CLARiiON_VNX Storage System Performance Statistics)/Month
DATETIME(EMC CLARiiON_VNX Storage System Performance Statistics)/Day
DATETIME(EMC CLARiiON_VNX Storage System Performance Statistics)/Hour
MA_GEN_HIE_CLARiiON_VNX Storage Volume
Hierarchy(CLARiiON_VNX Storage Volume(
EMC CLARiiON_VNX Storage Volume Perfor
mance Statistics))
CLARiiON_VNX Storage Volume(EMC CLARiiON_VNX Storage Volume Performance Statistics)/SOM Source Name
CLARiiON_VNX Storage Volume(EMC CLARiiON_VNX Storage Volume Performance Statistics)/Tenant Name
CLARiiON_VNX Storage Volume(EMC CLARiiON_VNX Storage Volume Performance Statistics)/Vendor
CLARiiON_VNX Storage Volume(EMC CLARiiON_VNX Storage Volume Performance Statistics)/Model
CLARiiON_VNX Storage Volume(EMC CLARii
ON_VNX Storage Volume Performance Stat
istics)/Storage System Name
CLARiiON_VNX Storage Volume(EMC CLARiiON_VNX Storage Volume Performance Statistics)/Block Pool Name
CLARiiON_VNX Storage Volume(EMC CLARiiON_VNX Storage Volume Performance Statistics)/Block Volume Name
CLARiiON_VNX Storage Volume(EMC CLARii
ON_VNX Storage Volume Performance Stat
istics)/Storage System UUID
CLARiiON_VNX Storage Volume(EMC CLARiiON_VNX Storage Volume Performance Statistics)/Block Pool UUID
CLARiiON_VNX Storage Volume(EMC CLARiiON_VNX Storage Volume Performance Statistics)/Block Volume UUID
MA_GEN_HIE_DATETIMEHierarchy(DATETIME(EMC CLARiiON_VNX Storage Volume Performance Statistics))
DATETIME(EMC CLARiiON_VNX Storage Volume Performance Statistics)/Year
DATETIME(EMC CLARiiON_VNX Storage Volume Performance Statistics)/Month
DATETIME(EMC CLARiiON_VNX Storage Volume Performance Statistics)/Day

DATETIME(EMC CLARiiON_VNX Storage Volume Performance Statistics)/Hour
MA_GEN_HIE_CLARiiON_VNX Processor Syst
em Hierarchy(SCLARiiON_VNXStorageProces
sor(EMC CLARiiON_VNX Controller Perform
ance Statistics))
CLARiiON_VNXStorageProcessor(EMC CLARiiON_VNX Controller Performance Statistics)/SOM Source Name
CLARiiON_VNXStorageProcessor(EMC CLARiiON_VNX Controller Performance Statistics)/Tenant Name
CLARiiON_VNXStorageProcessor(EMC CLARiiON_VNX Controller Performance Statistics)/Vendor
CLARiiON_VNXStorageProcessor(EMC CLARiiON_VNX Controller Performance Statistics)/Model
CLARiiON_VNXStorageProcessor(EMC CLARiiON_VNX Controller Performance Statistics)/Storage System Name
CLARiiON_VNXStorageProcessor(EMC CLARiiON_VNX Controller Performance Statistics)/Block Processor Name
CLARiiON_VNXStorageProcessor(EMC CLARiiON_VNX Controller Performance Statistics)/Storage System UUID
CLARiiON_VNXStorageProcessor(EMC CLARiiON_VNX Controller Performance Statistics)/Block Processor UUID
MA_GEN_HIE_DATETIMEHierarchy(DATETIME(EMC CLARiiON_VNX Controller Performance Statistics))
DATETIME(EMC CLARiiON_VNX Controller Performance Statistics)/Year
DATETIME(EMC CLARiiON_VNX Controller Performance Statistics)/Month
DATETIME(EMC CLARiiON_VNX Controller Performance Statistics)/Day
DATETIME(EMC CLARiiON_VNX Controller Performance Statistics)/Hour
MA_GEN_HIE_CLARiiON_VNX Storage Port H
ierarchy(CLARiiON_VNX Storage Port(EMC
CLARiiON_VNX Port Performance Statistic
s))
CLARiiON_VNX Storage Port(EMC CLARiiON_VNX Port Performance Statistics)/SOM Source Name
CLARiiON_VNX Storage Port(EMC CLARiiON_VNX Port Performance Statistics)/Tenant Name
CLARiiON_VNX Storage Port(EMC CLARiiON_VNX Port Performance Statistics)/Vendor
CLARiiON_VNX Storage Port(EMC CLARiiON_VNX Port Performance Statistics)/Model
CLARiiON_VNX Storage Port(EMC CLARiiON_VNX Port Performance Statistics)/Storage System Name
CLARiiON_VNX Storage Port(EMC CLARiiON_VNX Port Performance Statistics)/Block Processor Name
CLARiiON_VNX Storage Port(EMC CLARiiON_VNX Port Performance Statistics)/Port Name
CLARiiON_VNX Storage Port(EMC CLARiiON_VNX Port Performance Statistics)/Storage System UUID
CLARiiON_VNX Storage Port(EMC CLARiiON_VNX Port Performance Statistics)/Block Processor UUID
CLARiiON_VNX Storage Port(EMC CLARiiON_VNX Port Performance Statistics)/Port UUID
MA_GEN_HIE_DATETIMEHierarchy(DATETIME(EMC CLARiiON_VNX Port Performance Statistics))
DATETIME(EMC CLARiiON_VNX Port Performance Statistics)/Year
DATETIME(EMC CLARiiON_VNX Port Performance Statistics)/Month
DATETIME(EMC CLARiiON_VNX Port Performance Statistics)/Day
DATETIME(EMC CLARiiON_VNX Port Performance Statistics)/Hour
MA_GEN_HIE_CLARiiON_VNX Storage Disk H
ierarchy(CLARiiON_VNX Storage Disk(EMC
CLARiiON_VNX Disk Drive Performance Sta
tistics))
CLARiiON_VNX Storage Disk(EMC CLARiiON_VNX Disk Drive Performance Statistics)/SOM Source Name
CLARiiON_VNX Storage Disk(EMC CLARiiON_VNX Disk Drive Performance Statistics)/Tenant Name
CLARiiON_VNX Storage Disk(EMC CLARiiON_VNX Disk Drive Performance Statistics)/Vendor
CLARiiON_VNX Storage Disk(EMC CLARiiON_VNX Disk Drive Performance Statistics)/Model
CLARiiON_VNX Storage Disk(EMC CLARiiON_VNX Disk Drive Performance Statistics)/Storage System Name

CLARiiON_VNX Storage Disk(EMC CLARiiON_VNX Disk Drive Performance Statistics)/Disk Drive Name
CLARiiON_VNX Storage Disk(EMC CLARiiON_VNX Disk Drive Performance Statistics)/Storage System UUID
CLARiiON_VNX Storage Disk(EMC CLARiiON_VNX Disk Drive Performance Statistics)/Disk Drive UUID
MA_GEN_HIE_DATETIMEHierarchy(DATETIME(EMC CLARiiON_VNX Disk Drive Performance Statistics))
DATETIME(EMC CLARiiON_VNX Disk Drive Performance Statistics)/Year
DATETIME(EMC CLARiiON_VNX Disk Drive Performance Statistics)/Month
DATETIME(EMC CLARiiON_VNX Disk Drive Performance Statistics)/Day
DATETIME(EMC CLARiiON_VNX Disk Drive Performance Statistics)/Hour
MA_GEN_HIE_CLARiiON_VNX Processor Syst
em Hierarchy(CLARiiON_VNXStorageProcess
or(EMC CLARiiON_VNX Controller Performa
nce Statistics))
CLARiiON_VNXStorageProcessor(EMC CLARiiON_VNX Controller Performance Statistics)/SOM Source Name
CLARiiON_VNXStorageProcessor(EMC CLARiiON_VNX Controller Performance Statistics)/Tenant Name
CLARiiON_VNXStorageProcessor(EMC CLARiiON_VNX Controller Performance Statistics)/Vendor
CLARiiON_VNXStorageProcessor(EMC CLARiiON_VNX Controller Performance Statistics)/Model
CLARiiON_VNXStorageProcessor(EMC CLARiiON_VNX Controller Performance Statistics)/Storage System Name
CLARiiON_VNXStorageProcessor(EMC CLARiiON_VNX Controller Performance Statistics)/Block Processor Name
CLARiiON_VNXStorageProcessor(EMC CLARiiON_VNX Controller Performance Statistics)/Storage System UUID
CLARiiON_VNXStorageProcessor(EMC CLARiiON_VNX Controller Performance Statistics)/Block Processor UUID

Context List

MA_GEN_CONT_SR_SE_CLAR_VNX_Disk_Stats
MA_GEN_CONT_SD_SE_CLAR_VNX_Storage_Stats
MA_GEN_CONT_SH_SE_CLAR_VNX_Vol_Stats
MA_GEN_CONT_SD_SE_CLAR_VNX_FCPort_Stats
MA_GEN_CONT_SR_SE_CLAR_VNX_FCPort_Stats
MA_GEN_CONT_SR_SE_CLAR_VNX_Vol_Stats
MA_GEN_CONT_SR_SE_CLAR_VNX_Cntrlr_Stats
MA_GEN_CONT_SH_SE_CLAR_VNX_Disk_Stats
MA_GEN_CONT_SH_SE_CLAR_VNX_FECntrlr_Stats
MA_GEN_CONT_SD_SE_CLAR_VNX_Vol_Stats
MA_GEN_CONT_SH_SE_CLAR_VNX_Storage_Stats
MA_GEN_CONT_SR_SE_CLAR_VNX_Sys_Stats
MA_GEN_CONT_SH_SE_CLAR_VNX_FCPort_Stats
MA_GEN_CONT_SD_SE_CLAR_VNX_FECntrlr_Stats
MA_GEN_CONT_SD_SE_CLAR_VNX_Disk_Stats

We appreciate your feedback!

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Feedback on Content Pack for EMC CLARiiON and VNX Performance Statistics Universe Reference, March 2015 (Storage Operations Manager 10.00)

Just add your feedback to the email and click send.

If no email client is available, copy the information above to a new message in a web mail client, and send your feedback to storage-management-doc-feedback@hp.com.