UCMDB Class Model Changes Report

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1. UCMDB Class Model Changes

This section shows the changes in classes (objects, relations, and valid relations) in UCMDB version 9.00 by comparison with version 8.x Changes include renamed class and attribute names, hierarchical changes, new classes and attributes, and so on.

In version 9.00, every class is included either in the BTO data model (BDM) or in the CMS data model.

A class that is included in BDM is used by various products in the HP portfolio; a CMS class is not included in BDM and actually extends the BDM model.

1.1 CI Type Changes

CI Tur		tion /oner	agation)				Change Status: Added 🥥	
	oe: Aggrega	ation (aggr	egation)				Change Status. Added	
Descri Qualifi	•	d: ABSTRAC	CT_CLASS					
Scope	:		BDM	Pa	arent:	Managed Relations (managed_relations		
4								
			(application_serve	-			Change Status: Added 🕢	
Descri	party Web	applications applications,	The term application some application s	server sometimes refers to a servers may target networks	J2EE application se	siness logic and business pro- rver. These types of application e.g., telephony networks).		
Qualifi	ers: Adde	d: RANDOM	_GENERATED_ID_CL	_ASS				
Scope	:		BDM	Pa	arent:	RunningSoftware (r	running_software)	
	Attribute:	Administra	ationDomain (admir	nistration_domain)			Change Status: Added 📀	
		This attriut	e includes the name of			nain is formed by a group of r	nanaged systems that are	
	Scope:		BDM		Data Type:	string		
						`	,	
	Attribute:	Application	nServerType (appli	cation_server_type)			Change Status: Added 📀	
	Description	The type o	of application server (e.	g. J2EE, Seibel, SAP, etc)				
	Scope:		BDM		Data Type:	string_list		
OI T		4\					Change Status: Added 🥥	
Descri	. discir	class represe	et should represent an		dollars) that needs to	sset class is used as support be tracked and managed thr	for asset management	
Scope		Jations.Lxan	BDM		arent:	Managed Object (m	nanaged object)	
Осорс	•		DDW	110	aront.	Managed Object (II	lanaged_object/	
	Attribute:	Attribute: AssetStatus (asset_status) Change Status: Added						
	Description	Indicates t	he current status of the	e asset during its life cycle.				
	Scope:		BDM		Data Type:	asset_status_en	um	
	Attribute:	AssetTag ((asset_tag)				Change Status: Added 🥥	
	Description	physical, a	is a web service for exa	on of an asset.If the asset is ample, the asset tag may be nagement implementation.	physical, this asset t placed in abook. An	ag is usually attached to the a asset has only one asset tag	asset. If the asset is not which should be unique	
	Qualifiers:	Added: ID	_ATTRIBUTE					
	Scope:		BDM		Data Type:	string		
	Attribute:	Assignme	nt (assignment)				Change Status: Added 🥥	
	Description		nment attribute represe stock, in-use, etc.	ents the lifecycle state of the	portfolio item / asset.	. Examples of assignment sta	te are include awaiting-	
	Scope:		BDM		Data Type:	assignment_enu	m	
	Attribute:	TcoAmour	nt (tco_amount)				Change Status: Added 🥥	
		: The total c	ost of ownership of an	asset. The computation is ba	ased on total expens	es incurred plus some project	tions. For example a large	
	Scope:		BDM		Data Type:	long		

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Scope:

BDM

Description: Th	a TCO aumanau da alamatan a a a a "	to ICO http://www.ico.com/ico/com/ico-d-	and hand to low row as a deall of later 1 (- later 1)
•			ces/popstds/currencycodeslist.html (alphabetic co
Scope:	BDM	Data Type:	string
Attribute: Disp	olay Label (display_label)		Change Status: Modifie
•	sed as calc attribute for display odified: CALCULATED_ATTRIBUTE		
Scope:	BDM		
e: Attachment	(attachment)		Change Status: Adde
ption: A binary o		another entity (e.g. ItProcessRecord) as refe	erence or to provide additional details, instruction
etc. ers: Added: R	ANDOM_GENERATED_ID_CLASS		
:	BDM	Parent:	Managed Object (managed_object)
			3
Attribute: Atta	chmentContent (attachment_co	ontent)	Change Status: Adde
Description: Th	ne actual content of the attachment		
Scope:	BDM	Data Type:	bytes
Attribute: Doc	:umentContentType (document_	_content_type)	Change Status: Adde
Description: Th	e format or type of the content of a do	cument as defined by IANA MIME media typ	pes e.g. Application/XML, Text/CSV
Scope:	BDM	Data Type:	string
e: Buffer (buff	er)		Change Status: Add
ption: This class	represents the buffer in a network dev	vice that queues up packets.	
:	BDM	Parent:	NodeElement (node_element)
Attribute: Ruf	ferIndex (buffer_index)		Change Status: Adde
	is represents the index assigned to a l	huffer on a network device	Onango Status. Nava
Description. 11		build on a network device.	
Qualifiers: Ac	lded: ID_ATTRIBUTE		
	BDM	Data Type:	integer
Qualifiers: Ad		Data Type:	integer
Scope:		Data Type:	
Scope: De: BusinessAcoption: Business of the def business	Etivity (business_activity) Activity consists of a set or sequence of the dusiness process. Name attribute process.	of actions undertaken by an organization to	Change Status: Add
Scope: De: BusinessAcoption: Business of the def business ers: Added: R	Etivity (business_activity) Activity consists of a set or sequence of the dusiness process. Name attribute process. ANDOM_GENERATED_ID_CLASS	of actions undertaken by an organization to is inherited from Object and must be unique	Change Status: Addeproduce a product or provide a unit of service as across all business activities that belong to the s
Scope: De: BusinessAcoption: Business of the def business	Etivity (business_activity) Activity consists of a set or sequence of the dusiness process. Name attribute process.	of actions undertaken by an organization to	Change Status: Adde
Scope: De: Business Action: Business of the def business	Etivity (business_activity) Activity consists of a set or sequence of the dusiness process. Name attribute process. ANDOM_GENERATED_ID_CLASS	of actions undertaken by an organization to is inherited from Object and must be unique	Change Status: Additional produce a product or provide a unit of service as across all business activities that belong to the substitution business activities that belong the substitution business activities that belong the substitution business activities that belong the substitution business activities activities that belong the substitution business activities that belong the substitution business activities a
Scope: De: Business Activities Description: Business of the def business Ers: Added: R Attribute: BOI Description:	Etivity (business_activity) Activity consists of a set or sequence of the dusiness process. Name attribute process. ANDOM_GENERATED_ID_CLASS BDM	of actions undertaken by an organization to pis inherited from Object and must be unique Parent:	Change Status: Add produce a product or provide a unit of service as across all business activities that belong to the substitution business.
Scope: De: Business Activities Description: Business of the def business Ers: Added: R Attribute: BOI Description:	Etivity (business_activity) Activity consists of a set or sequence of ined business process. Name attribute process. ANDOM_GENERATED_ID_CLASS BDM DY_ICON (BODY_ICON)	of actions undertaken by an organization to pis inherited from Object and must be unique Parent:	Change Status: Adde produce a product or provide a unit of service as across all business activities that belong to the s
scope: De: Business Action: Business of the def business ers: Added: R Attribute: BOI Description: Qualifiers: Actions Scope:	Etivity (business_activity) Activity consists of a set or sequence of ined business process. Name attribute process. ANDOM_GENERATED_ID_CLASS BDM DY_ICON (BODY_ICON) Ided: STATIC_ATTRIBUTE, HIDDEN_ CMS	of actions undertaken by an organization to lis inherited from Object and must be unique Parent: _ATTRIBUTE Default Value:	Change Status: Adde produce a product or provide a unit of service as across all business activities that belong to the substitution business activities activities that belong to the substitution business activities activities that belong the substitution business activities a
Scope: De: Business of the def business ers: Added: R. Attribute: BOI Description: Qualifiers: Ac Scope:	Etivity (business_activity) Activity consists of a set or sequence of ined business process. Name attribute process. ANDOM_GENERATED_ID_CLASS BDM DY_ICON (BODY_ICON) Idded: STATIC_ATTRIBUTE, HIDDEN_ CMS Te KPI History For Over Time Reserved.	of actions undertaken by an organization to lis inherited from Object and must be unique Parent: _ATTRIBUTE Default Value:	Change Status: Addiproduce a product or provide a unit of service as across all business activities that belong to the substitution business activities activities that belong to the substitution business activities a
scope: De: Business of the def business ers: Added: R: Attribute: BOI Description: Qualifiers: Ac Scope: Attribute: Store Description: St	Etivity (business_activity) Activity consists of a set or sequence of ined business process. Name attribute process. ANDOM_GENERATED_ID_CLASS BDM DY_ICON (BODY_ICON) Added: STATIC_ATTRIBUTE, HIDDEN_CMS CMS Te KPI History For Over Time Recover KPI history for over time reports	of actions undertaken by an organization to lis inherited from Object and must be unique Parent: _ATTRIBUTE _Default Value: eports (is_save_persistency)	Change Status: Add produce a product or provide a unit of service as across all business activities that belong to the s BusinessElement (business_element) Change Status: Modifi bp_step Change Status: Modifi
Scope: De: Business of the def business ers: Added: R. Attribute: BOI Description: Qualifiers: Ac Scope:	Etivity (business_activity) Activity consists of a set or sequence of ined business process. Name attribute process. ANDOM_GENERATED_ID_CLASS BDM DY_ICON (BODY_ICON) Idded: STATIC_ATTRIBUTE, HIDDEN_ CMS Te KPI History For Over Time Reserved.	of actions undertaken by an organization to lis inherited from Object and must be unique Parent: _ATTRIBUTE Default Value:	Change Status: Addiproduce a product or provide a unit of service as across all business activities that belong to the substitution business activities that belong the substitution business activities activities activities that belong the substitution business activities ac
Scope: De: Business Added: Robusiness ers: Added: Robusiness ers: Added: Robusiness ers: Attribute: BOI Description: Qualifiers: Added: Robusiness ers: Attribute: Scope: Attribute: Store Description: Store:	Etivity (business_activity) Activity consists of a set or sequence of ined business process. Name attribute process. ANDOM_GENERATED_ID_CLASS BDM DY_ICON (BODY_ICON) Added: STATIC_ATTRIBUTE, HIDDEN_CMS CMS Te KPI History For Over Time Recover KPI history for over time reports	of actions undertaken by an organization to lis inherited from Object and must be unique Parent: _ATTRIBUTE _Default Value: eports (is_save_persistency)	Change Status: Add produce a product or provide a unit of service as across all business activities that belong to the s BusinessElement (business_element) Change Status: Modifi bp_step Change Status: Modifi

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Parent:

BusinessElement (business_element)

Change Status: Modified @ Attribute: BODY_ICON (BODY_ICON) Description: Qualifiers: Added: STATIC_ATTRIBUTE, HIDDEN_ATTRIBUTE CMS Default Value: business process Scope Change Status: Modified 🔕 Attribute: Store KPI History For Over Time Reports (is_save_persistency) Description: Store KPI history for over time reports CMS Default Value: true Scope: CI Type: BusinessTransaction (business_transaction) Change Status: Added 🛇 An end-to-end service provided to end-users or to other related applications (e.g. stock trade, account login, product purchase or billing inquiry), Description: in the IT realm will be provided by an application. Each business transaction has a unique profile that contains a business context (i.e. activity type, user, time and location, etc.) and a technical profile. Qualifiers: Added: RANDOM_GENERATED_ID_CLASS **BDM** Parent: BusinessElement (business element) Scope: Attribute: BODY_ICON (BODY_ICON) Change Status: Modified <a>O Description: Qualifiers: Added: STATIC ATTRIBUTE, HIDDEN ATTRIBUTE Default Value: Scope: CMS business_transaction Change Status: Modified @ Attribute: Store KPI History For Over Time Reports (is_save_persistency) Description: Store KPI history for over time reports CMS Default Value: Scope: true CI Type: BusinessTransactionFlow (business_transaction_flow) Change Status: Added 📀 Description: Qualifiers: Added: MODELING_ENABLED, RANDOM_GENERATED_ID_CLASS Parent: CiCollection (ci_collection) Scope: CMS Change Status: Added 📀 CI Type: CommunicationEndpoint (communication_endpoint) A communication point from which data can be sent/received or services can be consumed. Examples: TCP/UDP port, URL, IPAddress Description: Qualifiers: Added: ABSTRACT_CLASS **BDM** Parent: InfrastructureElement (infrastructure_element) Scope: CI Type: Connection (connection) Change Status: Added 💟 Description: Qualifiers: Added: ABSTRACT_CLASS Scope: BDM Parent: Managed Relationship (managed relationship) Change Status: Added 📀 CI Type: Contract (contract) A legally binding Agreement between two or more parties. A contract can be of different kind as lease, maintenance, SLA, etc. A contract may Description: support multiple assets. Qualifiers: Added: ABSTRACT CLASS Scope: **BDM** Parent: Managed Object (managed_object) Attribute: DocumentReference (document_reference) Change Status: Added 📀 Description: List of document references. A reference to a document should be a URL. Qualifiers: Added: ID_ATTRIBUTE RDM Data Type: string_list Scope: Attribute: EndDate (end_date) Change Status: Added 🥥 Description: The date and time the activity was completed. **BDM** Data Type: date Scope:

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Scope:

47	3 1117313311 3	, , , , , , , , , , , , , , , , , , ,			
	Attribute: \$	StartDate (start_date)		C	hange Status: Added 🥥
		The date and time the activity actually	started.		
	Scope:	BDM	Data Type:	date	
		egory (cost_category)			hange Status: Added 📀
		,	enses. Typical examples include hardware, te		
Scope) :	BDM	Parent:	Managed Object (mar	naged_object)
	Attribute: 0	CostCategoryCode (cost_category	/_code)	C	hange Status: Added 🥥
	Description: Qualifiers:		associated with a project. Values can include ardware-Server, etc. This is used to help roll u		perating or be more
	Scope:	BDM	Data Type:	cost_category_code	e_enum(250)
	Attributo. I	Evnance Type (evnance type)			hange Status: Added 🥥
		ExpenseType (expense_type) This attribute represents the expense to	ype from a cost category perspective. This ca		
	Description.	expsense). An operating expense, ope	erating expenditure, operational expense, ope Capital expenditures (CAPEX or capex) are	erational expenditure or OPEX	is an on-going cost for
	Scope:	BDM	Data Type:	expense_type_enui	m
CI Ty	pe: CostCen	ter (cost_center)		C	hange Status: Added 📀
	iption: A Bus charge	iness Unit to which Costs are assigned. e for Services provided. Typical example	An IT Service Provider can be run as a Cost 0 is of a Cost Center include Research and Devidend date is the obsolescence date. They are	velopment, Marketing and Cus	tomer service.Start
Scope	э:	BDM	Parent:	Managed Object (mar	naged_object)
	Attributo:	AccountNumber (account_numbe	r\	C	hange Status: Added 🥥
		Account number used for expense clas Added: ID_ATTRIBUTE	•		mange otatus. Added
	Scope:	BDM	Data Type:	string(250)	
		- 15 / / 1 / /)			the control of the co
		EndDate (end_date) The date and time the activity was com	motord		hange Status: Added 📀
	Scope:	BDM	Data Type:	date	
	эсоре.	DDW	Data Type.	uale	
	Attribute: \$	StartDate (start_date)		С	hange Status: Added 📀
	Description:	The date and time the activity actually	started.		
	Scope:	BDM	Data Type:	date	
	Attribute: I	Display Label (display_label)		Cha	ange Status: Modified 🙆
		Used as calc attribute for display Modified: CALCULATED ATTRIBUTE			
	Scope:	BDM			
		yServer (directory_server)			hange Status: Added 🕗
Descr	inform volum	nation infrastructure for locating, managir	stores, organizes and provides access to info ig, administering, and organizing common ite devices, telephone numbers and other objec	ms and network resources, wh	tory service is a shared nich can include
Scope	e:	BDM	Parent:	RunningSoftware (run	ning_software)
:I Tv	ne: NiskDov	ice (disk_device)		C	hange Status: Added 🥥
	iption: A Disl	· - ·	cord and retrieve information. Main implemen node e.g. /dev/sd0 in UNIX		
Scope	,	BDM	Parent:	NodeElement (node_e	element)

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NodeElement (node_element)

	Attribute: M	odelName (model_name)			Change Status: Added
	Description:	Manufacturer specified model name fo	r a product or element.		
	Scope:	BDM	Data Type:	string(100)	
	Attribute: Vo	endor (vendor)			Change Status: Added
		The vendor/manufacturer name of a so	ftware, host, or element		,
	Scope:	BDM	Data Type:	string	
		`			
		entalSensor (environmental_ser			Change Status: Added
esc		ass represents an environmental senso eters such as temperature and voltage.	r on a network device. Environmental senso	rs are components that mea	sure environmental
сор	e:	BDM	Parent:	NodeElement (node	e_element)
	Attributo: S	ensorIndex (sensor_index)			Change Status: Added
		This represents the index assigned to	a sensor on a network device		Onlinge Otatus. Added
		Added: ID_ATTRIBUTE	a sensor on a network device.		
	Scope:	BDM	Data Type:	integer	
	A44				Change Status: Added
		ensorType (sensor_type)	oppy hypog		Change Status: Added Change Status: Added
		This represents an enumeration for set Added: ID_ATTRIBUTE	isor types.		
	Scope:	BDM	Data Type:	sensor_type_enu	ım(256)
					Observe Otstver Added
	pe: Fan (fan)				Change Status: Added Change Status: Added
	•	ass represents a fan on a device such a		Nodo Flamout (node	a alamant)
Scop	e:	BDM	Parent:	NodeElement (node	e_eiement)
	Attribute: Fa	anIndex (fan_index)			Change Status: Added C
	Description:	This attribute is an index provided by the	ne device for a fan.		
	Scope:	BDM	Data Type:	integer	
I Tv	pe: Functiona	alGroup (functional_group)			Change Status: Added ©
	ription: A group				
	Λη Λοο		nsibilities or job functions, but do not necessa	arily belong to the same depa	artment or organization.
		o of Persons that have the same respondignment Group is an example of a Fundament GENERATED_ID_CLASS		arily belong to the same depa	artment or organization.
uali	fiers: Added:	ignment Group is an example of a Fund		Party (party)	artment or organization.
Quali Scop	fiers: Added: e:	ignment Group is an example of a Fund RANDOM_GENERATED_ID_CLASS BDM	ctional Group.	, ,	<u> </u>
Quali Scop	fiers: Added: e: pe: Hardware	ignment Group is an example of a Fund RANDOM_GENERATED_ID_CLASS BDM Board (hardware_board)	Parent:	Party (party)	Change Status: Added
Quali Scop I Ty Desc	fiers: Added: e: pe: Hardware ription: This cla multiple to the b which t	ignment Group is an example of a Fund RANDOM_GENERATED_ID_CLASS BDM Board (hardware_board) ass represents a hardware board on a refunctions like routing, switching, or other	Parent: Detwork or any other type of device. Network or services while others just provide a contain odities that are swappable. Sometimes hard	Party (party) devices have many kinds o inment to host physical ports	Change Status: Added of boards. Some provide and connect themselves
Quali Scop I Ty Pesc	fiers: Added: e: pe: Hardware ription: This cla multiple to the b which t fiers: Added:	ignment Group is an example of a Fund RANDOM_GENERATED_ID_CLASS BDM Board (hardware_board) ass represents a hardware board on a refunctions like routing, switching, or othe backplane. Hardware boards are commended to the ports, but this class does in the ports, but this class does in the ports.	Parent: Detwork or any other type of device. Network or services while others just provide a contain odities that are swappable. Sometimes hard	Party (party) devices have many kinds o inment to host physical ports	Change Status: Added of boards. Some provide and connect themselves sub-boards on them
Quali Scop I Ty Desc	fiers: Added: e: pe: Hardware ription: This cla multiple to the b which ti fiers: Added: e:	ignment Group is an example of a Fund RANDOM_GENERATED_ID_CLASS BDM Board (hardware_board) ass represents a hardware board on a refunctions like routing, switching, or otherwise host the ports, but this class does a RANDOM_GENERATED_ID_CLASS BDM	Parent: Petwork or any other type of device. Network or services while others just provide a contal provide a contal provide a contal provide and the services while others is provided a contal provided by the services will be serviced by the serviced by the services will be serviced by the s	Party (party) devices have many kinds o inment to host physical ports dware boards also host other	Change Status: Added f boards. Some provide and connect themselves sub-boards on them
Quali Scop I Ty Desc	fiers: Added: e: pe: Hardware ription: This cla multiple to the b which t fiers: Added: e: Attribute: Fi	ignment Group is an example of a Fund RANDOM_GENERATED_ID_CLASS BDM Board (hardware_board) ass represents a hardware board on a refunctions like routing, switching, or of backplane. Hardware boards are committen host the ports, but this class does a RANDOM_GENERATED_ID_CLASS BDM	Parent: network or any other type of device. Network per services while others just provide a conta nodities that are swappable. Sometimes hard not model sub-boards. Parent:	Party (party) devices have many kinds o inment to host physical ports dware boards also host other	Change Status: Added f boards. Some provide and connect themselves sub-boards on them
Quali Scop I Ty Pesc	fiers: Added: e: pe: Hardware ription: This cla multiple to the b which t fiers: Added: e: Attribute: Fi Description:	ignment Group is an example of a Functional RANDOM_GENERATED_ID_CLASS BDM Board (hardware_board) ass represents a hardware board on a refunctions like routing, switching, or other host the ports, but this class does in RANDOM_GENERATED_ID_CLASS BDM irmwareVersion (firmware_version running)	Parent: Perent: Detwork or any other type of device. Network or any other specifies us provide a contal accordance in the same of the sa	Party (party) devices have many kinds of inment to host physical ports dware boards also host other involved in the involved	Change Status: Added f boards. Some provide and connect themselves sub-boards on them
Cop I Ty esc	fiers: Added: e: pe: Hardware ription: This cla multiple to the b which t fiers: Added: e: Attribute: Fi	ignment Group is an example of a Fund RANDOM_GENERATED_ID_CLASS BDM Board (hardware_board) ass represents a hardware board on a refunctions like routing, switching, or of backplane. Hardware boards are committen host the ports, but this class does a RANDOM_GENERATED_ID_CLASS BDM	Parent: network or any other type of device. Network per services while others just provide a conta nodities that are swappable. Sometimes hard not model sub-boards. Parent:	Party (party) devices have many kinds o inment to host physical ports dware boards also host other	Change Status: Added of boards. Some provide and connect themselves sub-boards on them
Quali Scop I Ty Desc	fiers: Added: e: pe: Hardware ription: This cla multiple to the b which t fiers: Added: e: Attribute: Fi Description: Scope:	ignment Group is an example of a Functional RANDOM_GENERATED_ID_CLASS BDM Board (hardware_board) ass represents a hardware board on a refunctions like routing, switching, or other host the ports, but this class does in RANDOM_GENERATED_ID_CLASS BDM irmwareVersion (firmware_version running)	Parent: Detwork or any other type of device. Network or services while others just provide a contatodities that are swappable. Sometimes hard not model sub-boards. Parent: Den) On Data Type:	Party (party) devices have many kinds of inment to host physical ports dware boards also host other involved in the involved	Change Status: Added f boards. Some provide and connect themselves sub-boards on them
Quali Scop I Ty Desc	fiers: Added: e: pe: Hardware ription: This cla multiple to the b which t fiers: Added: e: Attribute: Fi Description: Scope: Attribute: Hi Description:	ignment Group is an example of a Fund RANDOM_GENERATED_ID_CLASS BDM Board (hardware_board) ass represents a hardware board on a refunctions like routing, switching, or othe ackplane. Hardware boards are committen host the ports, but this class does in RANDOM_GENERATED_ID_CLASS BDM irmwareVersion (firmware_version Represents the firmware version running BDM ardwareBoardIndex (hardware_kardware_kardwareBoardIndex (hardware_kardware_kardwareBoardIndex (hardware_kardware_kardwareBoardIndex (hardware_kardware_kardwareBoardIndex (hardware_kardware_kardwareBoardIndex (hardware_kardware_kardwareBoardIndex (hardware_kardware_kardwareBoardIndex (hardware_kardware_kardware_kardwareBoardIndex (hardware_kardware_kardwareBoardIndex (hardware_kardware_kardwareBoardIndex (hardware_kardware_kardwareBoardIndex (hardware_kardware_kardwareBoardIndex (hardware_kardware_kardwareBoardIndex (hardware_kardware_kardwareBoardIndex (hardware_kardwareBoardIndex (hardware_kardware_kardwareBoardIndex (hardware_kardware_kardwareBoardIndex (hardware_kardwareBoardIndex (hardware_kardwareBoardIndex (hardware_kardwareBoardIndex (hardware_kardwareBoardIndex (hardware_kardwareBoardIndex (hardware_kardwareBoardIndex (hardware_kardwareBoardIndex (hardwareBoardIndex (hardwareBoardIn	Parent: Detwork or any other type of device. Network or services while others just provide a contatodities that are swappable. Sometimes hard not model sub-boards. Parent: Den) On Data Type:	Party (party) A devices have many kinds of inment to host physical ports dware boards also host other NodeElement (node string(100)	Change Status: Added for boards. Some provide and connect themselves sub-boards on them e_element) Change Status: Added for the control of

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Description	Donnoconto the bendular consiste of "	n)	Change Status: Add
Scope:	Represents the hardware version of the BBDM	Hardware Board. Data Type:	string(100)
			coming(vec)
Attribute:	SoftwareVersion (software_version)		Change Status: Add
Description	Represents the software version running		
Scope:	BDM	Data Type:	string(100)
Attribute:	Name (name)		Change Status: Modifi
Description: Qualifiers:	: Removed: ID_ATTRIBUTE		
Scope:	BDM		
Attribute:	Container (root container)		Change Status: Modif
	: Container CI of this CI Added: DDM_ID_ATTRIBUTE Removed: ID_ATTRIBUTE		
Scope:	CMS		
e: Infrastru	uctureService (infrastructure_servic	e)	Change Status: Add
exam		communication services. Infrastructure ser	ovider so they can provide other IT Services. For rvice is a synonym for technical service in ITILv3
	BDM	Parent:	Service (service)
Attribute:	Name (name)		Change Status: Modif
Description	:		
Scope:	BDM		
осорс.			
•	active (knj. objective)		Change Status: Add
e: KpiObje		ctives into set of thresholds against which a	
e: KpiObje	· · - · · · · · · · · · · · · · · · · ·	ctives into set of thresholds against which a	particular KPI is measured.
e: KpiObje otion: A KP ers: Adde	IObjective is a translation of business objective is a translation of business object d: RANDOM_GENERATED_ID_CLASS BDM	, , , , , , , , , , , , , , , , , , ,	particular KPI is measured. Managed Object (managed_object)
e: KpiObje otion: A KP ers: Adde	IObjective is a translation of business objective is a translation of business objective in the state of the	Parent:	particular KPI is measured. Managed Object (managed_object) Change Status: Add
e: KpiObje otion: A KP ers: Adde Attribute: Description:	IObjective is a translation of business objective is a translation of business objective is a translation of business objective. BDM CalendarPeriod (calendar_period) The calendar period used for KPI calculation.	Parent: tion. For example: working hours, 24x7, etc.	particular KPI is measured. Managed Object (managed_object) Change Status: Add
e: KpiObje otion: A KP ers: Adde	IObjective is a translation of business objective is a translation of business objective in the state of the	Parent:	particular KPI is measured. Managed Object (managed_object) Change Status: Add
e: KpiObje otion: A KP ers: Adde Attribute: Description: Scope:	IObjective is a translation of business objective is a translation of business objective is a translation of business objective. BDM CalendarPeriod (calendar_period) The calendar period used for KPI calculation.	Parent: tion. For example: working hours, 24x7, etc Data Type:	particular KPI is measured. Managed Object (managed_object) Change Status: Add c. calendar_period_enum
e: KpiObje otion: A KP ers: Adde Attribute: Description: Scope: Attribute:	IObjective is a translation of business objective is a translation of business objective is a translation of business objective. BDM CalendarPeriod (calendar_period) The calendar period used for KPI calculation is BDM KpiComparisonOperator (kpi_comp	Parent: tion. For example: working hours, 24x7, etc Data Type:	particular KPI is measured. Managed Object (managed_object) Change Status: Add c. calendar_period_enum Change Status: Add
e: KpiObje otion: A KP ers: Adde Attribute: Description: Scope: Attribute:	IObjective is a translation of business objective is a translation of business objective is a translation of business objective. BDM CalendarPeriod (calendar_period) The calendar period used for KPI calculation is BDM KpiComparisonOperator (kpi_comp	Parent: tion. For example: working hours, 24x7, etc Data Type: parison_operator)	particular KPI is measured. Managed Object (managed_object) Change Status: Add c. calendar_period_enum Change Status: Add
e: KpiObje otion: A KP ers: Adde Attribute: Description: Scope: Attribute: Description: Scope:	IObjective is a translation of business objected: RANDOM_GENERATED_ID_CLASS BDM CalendarPeriod (calendar_period) The calendar period used for KPI calculated by BDM KpiComparisonOperator (kpi_comption) Comparison operator that is used when comptions by BDM	Parent: tion. For example: working hours, 24x7, etc Data Type: parison_operator) comparing kpi calculated value to its threshold	particular KPI is measured. Managed Object (managed_object) Change Status: Add c. calendar_period_enum Change Status: Add olds. comparison_operator_enum
e: KpiObje otion: A KP ers: Adde Attribute: Description: Scope: Attribute: Description: Scope:	IObjective is a translation of business objected: RANDOM_GENERATED_ID_CLASS BDM CalendarPeriod (calendar_period) The calendar period used for KPI calculated BDM KpiComparisonOperator (kpi_comptext) BDM KpiContext (kpi_context)	Parent: tion. For example: working hours, 24x7, etc Data Type: parison_operator) comparing kpi calculated value to its threshold Data Type:	particular KPI is measured. Managed Object (managed_object) Change Status: Add c. calendar_period_enum Change Status: Add olds. comparison_operator_enum Change Status: Add
e: KpiObje otion: A KP ers: Adde Attribute: Description: Scope: Attribute: Description: Scope:	IObjective is a translation of business objected: RANDOM_GENERATED_ID_CLASS BDM CalendarPeriod (calendar_period) The calendar period used for KPI calculated BDM KpiComparisonOperator (kpi_comptext) BDM KpiContext (kpi_context)	Parent: tion. For example: working hours, 24x7, etc Data Type: parison_operator) comparing kpi calculated value to its threshold	particular KPI is measured. Managed Object (managed_object) Change Status: Add c. calendar_period_enum Change Status: Add olds. comparison_operator_enum Change Status: Add
e: KpiObje otion: A KP ers: Adde Attribute: Description: Scope: Attribute: Description: Scope: Attribute: Scope:	IObjective is a translation of business object d: RANDOM_GENERATED_ID_CLASS BDM CalendarPeriod (calendar_period) : The calendar period used for KPI calcula BDM KpiComparisonOperator (kpi_comp : Comparison operator that is used when of BDM KpiContext (kpi_context) : KpiContext is needed to differentiate beto BDM	Parent: tion. For example: working hours, 24x7, etc. Data Type: parison_operator) comparing kpi calculated value to its threshed Data Type: ween KPIs that belong to different SLAs and Data Type:	particular KPI is measured. Managed Object (managed_object) Change Status: Add c. calendar_period_enum Change Status: Add olds. comparison_operator_enum Change Status: Add d contains Id of the SLA. string
e: KpiObje otion: A KP ers: Adde Attribute: Description: Scope: Attribute: Description: Scope: Attribute: Attribute: Attribute: Attribute: Attribute: Attribute:	IObjective is a translation of business object d: RANDOM_GENERATED_ID_CLASS BDM CalendarPeriod (calendar_period) : The calendar period used for KPI calculated BDM KpiComparisonOperator (kpi_comptext) : Comparison operator that is used when comparison oper	Parent: tion. For example: working hours, 24x7, etc. Data Type: comparing kpi calculated value to its threshold to the part of the part	particular KPI is measured. Managed Object (managed_object) Change Status: Add c. calendar_period_enum Change Status: Add olds. comparison_operator_enum Change Status: Add d contains Id of the SLA. string
e: KpiObje ption: A KP pers: Adde Attribute: Description: Scope: Attribute: Description: Scope: Attribute: Description: Scope: Attribute: Description: Scope:	IObjective is a translation of business object d: RANDOM_GENERATED_ID_CLASS BDM CalendarPeriod (calendar_period) : The calendar period used for KPI calcula BDM KpiComparisonOperator (kpi_comp : Comparison operator that is used when of BDM KpiContext (kpi_context) : KpiContext is needed to differentiate between the comparison operator that is used when one of the comparison operator that is used when one operator that is used	Parent: Data Type:	particular KPI is measured. Managed Object (managed_object) Change Status: Add c. calendar_period_enum Change Status: Add olds. comparison_operator_enum Change Status: Add d contains Id of the SLA. string Change Status: Add
e: KpiObje otion: A KP ers: Adde Attribute: Description: Scope: Attribute: Description: Scope: Attribute: Attribute: Attribute: Attribute: Attribute: Attribute:	IObjective is a translation of business object d: RANDOM_GENERATED_ID_CLASS BDM CalendarPeriod (calendar_period) : The calendar period used for KPI calculated BDM KpiComparisonOperator (kpi_comptext) : Comparison operator that is used when comparison oper	Parent: tion. For example: working hours, 24x7, etc. Data Type: comparing kpi calculated value to its threshold to the part of the part	particular KPI is measured. Managed Object (managed_object) Change Status: Add c. calendar_period_enum Change Status: Add olds. comparison_operator_enum Change Status: Add d contains Id of the SLA. string
e: KpiObje otion: A KP ers: Adde Attribute: Description: Scope: Attribute: Description: Scope: Attribute: Description: Scope: Attribute: Description: Scope:	IObjective is a translation of business object d: RANDOM_GENERATED_ID_CLASS BDM CalendarPeriod (calendar_period) : The calendar period used for KPI calcula BDM KpiComparisonOperator (kpi_comp : Comparison operator that is used when of BDM KpiContext (kpi_context) : KpiContext is needed to differentiate between the comparison operator that is used when one of the comparison operator that is used when one operator that is used	Parent: Data Type:	particular KPI is measured. Managed Object (managed_object) Change Status: Add c. calendar_period_enum Change Status: Add olds. comparison_operator_enum Change Status: Add d contains Id of the SLA. string Change Status: Add kpi_measurement_type_enum
e: KpiObje ption: A KP pers: Adde Attribute: Description: Scope: Attribute: Description: Scope: Attribute: Description: Scope: Attribute: Attribute: Attribute: Attribute: Attribute: Attribute: Attribute: Attribute:	IObjective is a translation of business objected: RANDOM_GENERATED_ID_CLASS BDM CalendarPeriod (calendar_period) The calendar period used for KPI calculated BDM KpiComparisonOperator (kpi_comptext) Comparison operator that is used when comparison operator	Parent: Data Type:	Managed Object (managed_object) Change Status: Add c. calendar_period_enum Change Status: Add olds. comparison_operator_enum Change Status: Add d contains Id of the SLA. string Change Status: Add

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	чр	mada (Kpi_amdoni	old_critical)		Change Status: Adde
Description:	Used to describ	e the Kpi Threshold fo	r critical status		
Scope:		BDM	Data Type:	double	
Attribute: I	SpiThresholdM	lajor (kpi_threshol	d_major)		Change Status: Adde
Description:	Used to describ	e the KPI threshold for	r major status.		
Scope:		BDM	Data Type:	double	
A44wilass4as I	/ : The way a land 1	lines (kui thuashal	d minor		Chango Status: Add
	•	linor (kpi_threshole e the KPI threshold for	- ·		Change Status: Add
Scope:	Osed to describ	BDM	Data Type:	double	
Scope.		DDIVI	Бака Туре.	double	
Attribute: I	CpiThresholdO	k (kpi_threshold_d	ok)		Change Status: Add
Description:	Used to describ	e the KPI threshold for	r OK status		
Scope:		BDM	Data Type:	double	
Attribute: k	(niThresholdW	/arning (kpi_thresh	hold warning)		Change Status: Add
	•	e the KPI threshold for			onango otataon taa
Scope:		BDM	Data Type:	double	
соорс.		DDW	Виш турс.	double	
Attribute: I	CpiUnitOfMeas	ure (kpi_unit_of_n	neasure)		Change Status: Add
Description:	(e.g., converting	nit of measure associat g from seconds to minu , bandwidth (e.g., MBi	ted with the particular KpiObjective. Kutes). Possible values could be time-bat/s, GBit/s), etc.	nowledge of the unit of meas ased (e.g., seconds, minutes	sure is needed for conversions, etc), currency-based (e.g.,
Scope:		BDM	Data Type:	string(100))
Attributo: k	(niValue /kni v	value)			Change Status: Add
	KPI value for va	•	tatus hasad KDIs this attributa will be a	amoty	Change Status: Add
Description:		lue based KPIs. For st	tatus based KPIs this attribute will be e	. 3	Change Status: Add
		•	tatus based KPIs this attribute will be e Data Type:	empty	Change Status: Add
Description: Scope:	KPI value for va	lue based KPIs. For st	Data Type:	. 3	
Description: Scope:	KPI value for va	lue based KPIs. For st BDM I (tracking_period) defines the granularity	Data Type:	double	Change Status: Add
Description: Scope: Attribute: 1	KPI value for va	lue based KPIs. For st BDM I (tracking_period) defines the granularity	Data Type:	double alculations might be done at time other time interval such	Change Status: Add
Description: Scope: Attribute: 1 Description: Scope:	KPI value for va	BDM I (tracking_period) defines the granularity. If TrackingPeriod 'oth	Data Type: y of KPI calculatation. For example, calculation is specified, it can correspond to so	double alculations might be done at time other time interval such	Change Status: Add tracking period levels of day as the period associated wit period_enum
Description: Scope: Attribute: 1 Description: Scope: De: Layer2Co	FrackingPeriod Tracking period week, or month. SLA.	BDM I (tracking_period) defines the granularity If TrackingPeriod 'oth BDM er2_connection)	Data Type: y of KPI calculatation. For example, calculater is specified, it can correspond to so Data Type:	double alculations might be done at time other time interval such	Change Status: Add tracking period levels of day as the period associated wit period_enum
Description: Scope: Attribute: 1 Description: Scope: Description: Representation: Representation:	FrackingPeriod Tracking period week, or month. SLA. Connection (layersents a ISO Layersents a ISO Layersent	BDM I (tracking_period) defines the granularity If TrackingPeriod 'oth BDM er2_connection)	Data Type: y of KPI calculatation. For example, caper' is specified, it can correspond to so Data Type:	double alculations might be done at time other time interval such	Change Status: Add tracking period levels of day as the period associated with period_enum
Description: Scope: Attribute: 1 Description: Scope: De: Layer2Coption: Represers: Added	FrackingPeriod Tracking period week, or month. SLA. Connection (layersents a ISO Layersents a ISO Layersent	BDM I (tracking_period) defines the granularity If TrackingPeriod 'oth BDM er2_connection) er-2 connection between NERATED_ID_CLASS	Data Type: y of KPI calculatation. For example, caper' is specified, it can correspond to so Data Type:	double alculations might be done at other time interval such tracking_t	Change Status: Add tracking period levels of day as the period associated with period_enum
Description: Scope: Attribute: 1 Description: Scope: De: Layer2Coption: Represers: Added	FrackingPeriod Tracking period week, or month. SLA. onnection (layers at ISO Layers a	BDM I (tracking_period) defines the granularity If TrackingPeriod 'oth BDM er2_connection) er-2 connection between NERATED_ID_CLASS	Data Type: y of KPI calculatation. For example, calculatation is specified, it can correspond to so Data Type: en 2 or more interfaces.	double alculations might be done at other time interval such tracking_t	Change Status: Add tracking period levels of day as the period associated wit period_enum Change Status: Add ty (network_entity)
Description: Scope: Attribute: 1 Description: Scope: Description: Represers: Added	FrackingPeriod Tracking period week, or month. SLA. Connection (layers) Sents a ISO Layers: RANDOM_GEN BDM	BDM I (tracking_period) defines the granularity If TrackingPeriod 'oth BDM er2_connection) er-2 connection between NERATED_ID_CLASS	y of KPI calculatation. For example, calculatation is specified, it can correspond to so Data Type: Data Type: Parent:	double alculations might be done at other time interval such tracking_t	Change Status: Add tracking period levels of day as the period associated wit period_enum Change Status: Add ty (network_entity)
Description: Scope: Attribute: 1 Description: Scope: Description: Repreers: Added Attribute: I Description:	FrackingPeriod Tracking period week, or month. SLA. Connection (layersents a ISO Layersents a ISO Layersent	BDM I (tracking_period) defines the granularity If TrackingPeriod 'oth BDM er2_connection) er-2 connection between NERATED_ID_CLASS tion_id (layer2_con	Data Type: y of KPI calculatation. For example, calculated is specified, it can correspond to so Data Type: Data Type: Parent: Parent:	double alculations might be done at other time interval such tracking_t	Change Status: Add tracking period levels of day as the period associated wit period_enum Change Status: Add ty (network_entity)
Description: Scope: Attribute: 1 Description: Represers: Added Attribute: I Description: Qualifiers:	FrackingPeriod Tracking period week, or month. SLA. Connection (layersents a ISO Layersents a ISO Layersent	BDM I (tracking_period) defines the granularity If TrackingPeriod 'oth BDM er2_connection) er-2 connection between NERATED_ID_CLASS tion_id (layer2_cor	Data Type: y of KPI calculatation. For example, calculater is specified, it can correspond to so Data Type: Data Type: Parent: Parent: Parent: PATTRIBUTE	double alculations might be done at one other time interval such tracking_t NetworkEnti	Change Status: Add tracking period levels of day as the period associated wit period_enum Change Status: Add ty (network_entity) Change Status: Add
Description: Scope: Attribute: 1 Description: Scope: Description: Represers: Added Attribute: I Description:	FrackingPeriod Tracking period week, or month. SLA. Connection (layersents a ISO Layersents a ISO Layersent	BDM I (tracking_period) defines the granularity If TrackingPeriod 'oth BDM er2_connection) er-2 connection between NERATED_ID_CLASS tion_id (layer2_con	Data Type: y of KPI calculatation. For example, calculated is specified, it can correspond to so Data Type: Data Type: Parent: Parent:	double alculations might be done at other time interval such tracking_t	Change Status: Add tracking period levels of day as the period associated with period_enum Change Status: Add ty (network_entity) Change Status: Add
Description: Scope: Attribute: 1 Description: Scope: Description: Represers: Added Attribute: I Description: Qualifiers: Scope:	FrackingPeriod Tracking period week, or month. SLA. Connection (layersents a ISO Layersents a ISO Layersent	BDM I (tracking_period) defines the granularity If TrackingPeriod 'oth BDM er2_connection) er-2 connection between NERATED_ID_CLASS tion_id (layer2_cor	Data Type: y of KPI calculatation. For example, calculater is specified, it can correspond to so Data Type: Data Type: Parent: Parent: Parent: PATTRIBUTE	double alculations might be done at one other time interval such tracking_t NetworkEnti	Change Status: Add tracking period levels of day as the period associated wit period_enum Change Status: Add ty (network_entity) Change Status: Add
Description: Scope: Attribute: 1 Description: Scope: Description: Repreers: Addective: Attribute: I Description: Qualifiers: Scope:	KPI value for case for the following period week, or month. SLA. Connection (layers as ISO Layers and ISO Layers and ISO Layers as ISO Laye	BDM I (tracking_period) defines the granularity If TrackingPeriod 'oth BDM er2_connection) er-2 connection between NERATED_ID_CLASS tion_id (layer2_cor	Data Type: y of KPI calculatation. For example, calculater is specified, it can correspond to so Data Type: Data Type: Parent: Parent: Parent: PATTRIBUTE	double alculations might be done at one other time interval such tracking_t NetworkEnti	Change Status: Add tracking period levels of day as the period associated wit period_enum Change Status: Add ty (network_entity) Change Status: Add
Description: Scope: Attribute: 1 Description: Repreers: Addective Addective Attribute: 1 Description: Qualifiers: Scope: Attribute: 1	FrackingPeriod Tracking period week, or month. SLA. Connection (layersents a ISO Layers: RANDOM_GEN_BDM_ ayer2_connection Added: DDM_ID	BDM I (tracking_period) defines the granularity If TrackingPeriod 'oth BDM er2_connection) er-2 connection between NERATED_ID_CLASS tion_id (layer2_cor	Data Type: y of KPI calculatation. For example, calculater is specified, it can correspond to so Data Type: Data Type: Parent: Parent: Parent: PATTRIBUTE	double alculations might be done at one other time interval such tracking_t NetworkEnti	Change Status: Add tracking period levels of day as the period associated wit period_enum Change Status: Add ty (network_entity) Change Status: Add
Description: Scope: Attribute: 1 Description: Repreers: Added Attribute: 1 Description: Qualifiers: Scope: Attribute: N Description: Qualifiers: Scope:	KPI value for case for the following period week, or month. SLA. Connection (layers as ISO Layers and ISO Layers and ISO Layers as ISO Laye	BDM I (tracking_period) defines the granularity If TrackingPeriod 'oth BDM er2_connection) er-2 connection between NERATED_ID_CLASS tion_id (layer2_cor	Data Type: y of KPI calculatation. For example, calculater is specified, it can correspond to so Data Type: Data Type: Parent: Parent: Parent: PATTRIBUTE	double alculations might be done at one other time interval such tracking_t NetworkEnti	as the period associated with period_enum Change Status: Add ty (network_entity) Change Status: Add

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	Scope:	CMS			
СІ Ту	pe: LeaseContra	act (lease_contract)			Change Status: Added 🥥
Descr	iption: Leasing ha	as similarities and differences with lor nces between the three:	ng-term rental and hire-purchase agreements	s.Rent payments are use	ed in all cases. though, there
Scope	e :	BDM	Parent:	Contract (contra	ct)
	Attribute: Con	tractRef (contract_ref)			Change Status: Added 🥥
		e unique reference number of the cor	ntract		-
		ded: ID_ATTRIBUTE			
	Scope:	BDM	Data Type:	string	
	Attribute: Ren	tNoticeDate (rent_notice_date)			Change Status: Added 🥥
	Description:				
	Scope:	BDM	Data Type:	date	
	Attribute: Retu	urnNoticeDate (return_notice_d	late)		Change Status: Added 🥥
	Description:				
	Scope:	BDM	Data Type:	date	
CI Ty	pe: LicenseCon	tract (license_contract)			Change Status: Added 🥥
	iption: License co	ontracts are used to describe the term	ns and conditions negotiated with software pr	roviders and vendors.Lic	ense contracts are not to be
Scope		with the actual licenses themselves. BDM	Parent:	Contract (contra	ct)
Зсоре	J.	БЫМ	raiciii.	Contract (Contra	Ci)
	Attribute: Con	tractRef (contract_ref)			Change Status: Added 🥥
	Description: Th	e unique reference number of the cor			
	Scope:	BDM	Data Type:	string	
	Attribute: Lice	nseType (license_type)			Change Status: Added 🥥
		fines precisely the type of license har lue.	ndled by a contract of type license. The proce	esses invovled are usua	lly different depending on this
	Scope:	BDM	Data Type:	license_type_	enum
O. T		4!			Change Status, Added
	pe: Location (lo	•	:/people that support a function (i.e. data cen	ter company/client site)	Can vary from country to
Qualif	city or low	level like building or room. It can be cannow GENERATED ID CLASS	connected to devices and logical CIs represe	enting end users or data	center location.
Scope		BDM	Parent:	ConfigurationIte	m (configuration_item)
		ntryOrArea (country_or_area)			Change Status: Added 📀
	Scope:	presents the country or area name.	Data Type:	string(250)	
	осоре.	БЫМ	Бака Туре.	Stillig(230)	
		endedStreetAddress (extended	 		Change Status: Added 🥥
	•		(of address microformat) of a physical addre	·	"Suite 207".
	Scope:	BDM	Data Type:	string(250)	
	Attribute: Latit	tude (latitude)			Change Status: Added 🥥
	Description: La	titude of the geographical location.			
	Scope:	BDM	Data Type:	string(250)	
	Attribute: Loca	ality (locality)			Change Status: Added 🥥
		• • • • • • • • • • • • • • • • • • • •	oformat) of a physical address. For example	it can be "San Erancias	•

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Scope:	BDM	Data Type:	string(250)				
Attribute: Lo	cationBarCode (location_bar_cod	le)		Change Status: Added 🥥			
Description: L	ocations that are rooms have a barcode loing physical inventory, this attribute wil	(close to the door usually) that is used to do I then represent the ID of the room.	o the inventory. If barcode	scanning is not used for			
Scope:	BDM	Data Type:	string(250)				
Attribute: Lo	cationType (location_type)			Change Status: Added			
Description: [Describes the type of physical location. T	his is an extensible enumeration with values	s as Building, Room, Floor	, Siteetc.			
Scope:	BDM	Data Type:	location_type_er	num			
Attribute: Lo	ngitude (longitude)			Change Status: Added C			
Description: L	ongitude of the geographical location.						
Scope:	BDM	Data Type:	string(250)				
Attribute: Po	stOfficeBox (post_office_box)			Change Status: Added 🤇			
	Represents the post office box (of addres	s microformat) of a physical address.					
Scope:	BDM	Data Type:	string(250)				
Attribute: Po	stalCode (postal_code)			Change Status: Added 🤇			
	<u>-</u>	nicroformat) of a physical address. For exar	nple, it can be "94107".				
Scope:	BDM	Data Type:	string(250)				
Attribute: Re	gion (region)			Change Status: Added ©			
	Attribute: Region (region) Change Status: Added Description: Represents theregion (of address microformat) of a physical address. For example, it can be "CA" for USA California.						
Scope:	BDM	Data Type:	string(250)				
Attributor Ct	reetAddress (street address)			Change Status: Added 🤇			
	· - /	s microformat) of a physical address. For ex	ample. can be "665 3rd St				
Scope:	BDM	Data Type:	string(250)				
ype: MailServer	· - ·	g the appropriate software required to trans	ofor electronic mail manage	Change Status: Added C			
another.		g the appropriate software required to trans	sier electronic maii messag	ges from one computer to			
ppe:	BDM	Parent:	RunningSoftware (running_software)			
'vne: Maintenan	ceContract (maintenance_contrac	~t)		Change Status: Added			
cription: Defines		e of hardware or software by commercial or	rganizations (including prin	<u>-</u>			
ppe:	BDM	Parent:	Contract (contract)				
Attribute: Co	entractRef (contract_ref)			Change Status: Added 🤇			
Description: T	The unique reference number of the cont Added: ID_ATTRIBUTE	ract					
Scope:	BDM	Data Type:	string				
Type: Mamarid	nit (momory unit)			Change Status: Added			
· · · · · · · · · · · · · · · · · · ·	nit (memory_unit)	by a network device. Depending on device	types the type of momen	Change Status: Added			
ре:	BDM	Parent:	NodeElement (nod				
-			322233333 (1100				
	emoryUnitIndex (memory_unit_ind			Change Status: Added 🤇			
	This is the index used internally to refer to Added: ID_ATTRIBUTE	o a memory component. How the index get	s assigned will depend on	the device type.			

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Scope **BDM** Data Type: integer Change Status: Added 💟 CI Type: OperationalLevelAgreement (operational level agreement) An Agreement between an IT Service Provider and another part of the same Organization. For example there could be an OLA: between the IT Service Provider and a procurement department to obtain hardware in agreed times, between the Service Desk and a Support Group to provide Incident Resolution in agreed times. Qualifiers: Added: RANDOM_GENERATED_ID_CLASS **BDM** Parent: ServiceContract (service_contract) Scope CI Type: Party (party) Change Status: Added 📀 Any active entity or agent - a party can be an organization or a person. Qualifiers: Added: ABSTRACT CLASS Scope: Parent: ConfigurationItem (configuration_item) Attribute: PrimaryEmail (primary_email) Description: Primary email used for contacting the person or organization. Data Type: string(500) Scope: **BDM** Change Status: Added 💚 CI Type: PowerSupply (power_supply) Description: This class represents a power supply unit on a network device. **BDM** Parent: NodeElement (node element) Scope: Change Status: Added Q Attribute: PowerSupplyIndex (power_supply_index) Description: This represents the index provided by a device for a power supply unit. Qualifiers: Added: ID ATTRIBUTE RDM Scope: Data Type: integer Change Status: Added 📀 CI Type: Project (project) Set of activities that are coordinated to produce a result. From ITILv3: A temporary Organization, with people and other Assets required to achieve an Objective or other Outcome. Each Project has a Lifecycle that typically includes initiation, Planning, execution, Closure etc. Projects are usually managed using a formal methodology such as PRINCE2. We do not model a project as a temporary organization. but the rest of the Description: definition is relevant. Qualifiers Added: RANDOM_GENERATED_ID_CLASS BDM Parent Scope Managed Object (managed_object) Attribute: EndDate (end_date) Change Status: Added 💟 Description: The date and time the activity was completed. **BDM** Data Type: Scope: date Change Status: Added < Attribute: ProjectStatus (project status) The status of the project such as Chartering, Staffing, In Progress, On Hold, or Complete. In some companies, these will be closer to an Description: indicator such as red, yellow, green. BDM Data Type: project_status_enum Scope: Attribute: StartDate (start_date) Description: The date and time the activity actually started. **BDM** Data Type: date Scope: Change Status: Added 💚 Attribute: TcoAmount (tco_amount) The total cost of ownership of an asset. The computation is based on total expenses incurred plus some projections. For example a large upfront payment should be split over a depreciation period. Description: **BDM** Data Type: Scope: long Change Status: Added 💚 Attribute: TcoCurrency (tco_currency) Description: The TCOcurrency designator according to ISO http://www.iso.org/iso/en/prods-services/popstds/currencycodeslist.html (alphabetic code). **BDM** Data Type: Scope: string

CI Ty	oe: Resp	onsibility (respor	nsibility)					Change Status: Added 📀
Descr	ption:							
Scope) :	BDN	Л	Pa	rent:	Α	ggregation (agg	regation)
CI Ty	oe: Servi	ceContract (servi	ice_contract)					Change Status: Added 📀
Descr Qualif	· a(lass represents all contracts pinning contract are types of CLASS		ated in nature. F	For example, se	ervice level agre	ement, operational level
Scope) :	BDN	Λ	Pa	rent:	C	Contract (contrac	t)
							,	,
	Attribut	te: DocumentRefe	erence (document_refer	ence)				Change Status: Modified @
	Descript Qualifier		nt references. A reference to ATTRIBUTE	a document should	d be a URL.			
	Scope:		BDM					
CLTV	no: Sarvi	cal avalAgraama	nt (service level agree	mont)				Change Status: Added 🤡
Descr			n an IT Service Provider and	,	Sarvica Laval Ac	roomont (SLA)	\ doscribos tha l'	
	So So th	ervice Level Targets, ervices or multiple Ci irough that via KPI.	and specifies the responsib ustomers.to accomodate BA	ilities of the IT Serv	ice Provider and	the Customer	. A single SLA m	ay cover multiple IT
Qualif		_	NERATED_ID_CLASS		,			
Scope	9:	BDN	//	Ра	rent:	S	ServiceContract (service_contract)
	Attribut	te: CalendarPerio	ds (calendar_periods)					Change Status: Added 📀
	Descript	tion: List of calendar	r periods. For example, 24x7	, Business Hours,	etc.			
	Scope:		BDM		Data Type:		string_list	
	Attribut	Attribute: ReferenceNumber (reference_number) Change Status: Added						
	Descript	Manager or PP	cal to the specific deployment M). The internal id is construing In deployment. For most IT I	ucted in an applica	tion specific mar	nner, that guara	antees that each	internal id is only used once
	Scope:		BDM		Data Type:		string(250)	
	A 44 miles of	tar Tuankina Davia	do (trocking poriodo)					Change Status: Added 📀
			ds (tracking_periods)	d be eeeesisted	h a mantiavilan Cl	Δ		Change Status. Added
		lion. List of supporte	ed tracking periods that woul	u be associated wit	·	-A		
	Scope:		BDM		Data Type:		string_list	
CI Ty	oe: Servi	ceLevelObjective	(service_level_objective	/e)				Change Status: Added 🥥
Descr	. 0	bjectives are usually	documented in a Service Lev based on KPIs. NERATED_ID_CLASS	rel Agreement. SL0	Os are based on	a customer re	quirement for an	aspect of an IT Service.
Scope		BDN		Pa	rent:	K	(piObjective (kpi	objective)
							. , , , , , , ,	- , ,
	Attribut	te: Penalties (pen	alties)					Change Status: Added 💟
	Descript	tion: A description o	f any penalties incurred whe	n a Service Level C	Objective is bread	ched.		
	Scope:		BDM		Data Type:		string(250)	
CI T.	an Time	RoundConnection	n (time_bound_connect	ion)				Change Status: Added 📀
		BoundConnection	ii (tiiiie_bouiiu_coiiiieci	1011)				Change Status. Added
Descr	•	551	A	5			Name and the second	anting)
Scope).	BDN	/1	Pa	rent:	C	Connection (conn	ection)
		te: EndDate (end_	_date)					Change Status: Added 📀
	Descript Scope:	uon.	BDM		Data T		-1-4-	
1	- Scope.		DI JIVI		Data Type:		date	

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Parent:

	Attribute: StartDat	te (start date)		Change Status:	Added 🥥
	Description:				
	Scope:	BDM	Data Type:	date	
CI Typ	e: UnderpinningCo	ontract (underpinning_contract)		Change Status:	Added 📀
Descri	to a Customer.	ween an IT Service Provider and a Third Par The Underpinning Contract defines targets DM_GENERATED_ID_CLASS	ty. The Third Party provides good and responsibilities that are requi	s or Services that support delivery of an IT seed to meet agreed Service Level Targets in	Service an SLA.
Scope		BDM	Parent:	ServiceContract (service_contract)	
Scope		DDIVI	raieiii.	ServiceContract (service_contract)	
CI Typ	e: History Change	(HistoryChange)		Change Status: M	odified 🙆
Descri	ption:				
Scope	:	CMS	Previous Name:		
Parent	t:	Managed Object (managed_object)			
CI Typ	e: ABAP SAP Cent	tral Services (abap_sap_central_serv	rices)	Change Status: M	odified 🙆
Descri Qualifi	ption: AS ABAP insta Central Service	ince of an SAP system containing the enque es). There can only be one such instance in the DM_GENERATED_ID_CLASS	ue server and the message serve	r (AS = Application Server, ASCS = ABAP S	SAP
Scope	:	CMS	Previous Name:		
				Ohanna Otatua M	
		redProductName (discovered_produ	ct_name)	Change Status: M	odified 🤷
	Description:	200			
	Scope:	CMS	Default Value:	SAP ABAP Central Services	
	Attribute: Product	Name (product_name)		Change Status: M	odified 🙆
	Description: The nar	me of the software product which could be a	Database (e.g., Oracle, Sybase)	and Application Server (e.g, JBoss, WebLo	gic), a
		erver (e.g., Apache, SunOne), etc.	Default Value	ahan aan aantal aaniisaa	
	Scope:	BDM	Default Value:	abap_sap_central_services	
СІ Тур	e: acl (acl)			Change Status: M	odified 🙆
Descri	ption:				
Scope	:	CMS	Previous Name:		
Parent	t:	Configuration (configuration)			
CI Tvr	pe: action (action)			Change Status: M	odified 🙆
	ption: A MAM event s	system action			
Scope		CMS	Previous Name:		
Parent		Configuration (configuration)	1 Tovious Humo.		
		, , ,			
СІ Тур	e: actiondefinition	· · · · · · · · · · · · · · · · · · ·		Change Status: M	odified 🙆
Descri	ption: defines an acti	on at MAM event system			
Scope	t.	CMS	Previous Name:		
Parent	t:	Configuration (configuration)			
CI Typ	pe: actioninvocation	ndata (actioninvocationdata)		Change Status: M	odified 🙆
Descri	ption:				
Scope	:	CMS	Previous Name:		
Parent		Configuration (configuration)			
0. =				0' 0' '	- 41:611 · 🙈
	be: actionkey (actio	•		Change Status: M	oamed 🧆
Scope	ption: A MAM event s	CMS	Pravious Nama		
>0000		1 1/15	PIEMOTIC Mamo.		

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Configuration (configuration)

СІ Ту	oe: actionrepository	(actionrepository)			Change Status: Modified 🙆
Descri	ption:				
Scope	: :	CMS	Previous Name:		
Paren	t:	Configuration (configuration)			
CI Tyr	an Antiva Directory	(active divertery)			Change Status: Modified (a)
Descri	pe: Active Directory	(activedirectory)			Change Status, Mounted
		CMC	Previous Name:		
Scope) <u>.</u>	CMS	Previous Name:		
СІ Ту	oe: ActiveDirectoryA	ApplicationMode (adam)			Change Status: Modified 🔕
Descri Qualifi	•	ctive Directory Application Mode software			
Scope	: :	CMS	Previous Name:		
Paren	t:	DirectoryServer (directory_server)			
	Attribute: ADAM In	tance Name (adam instancename)			Change Status: Modified 0
	Description: The Acti	ve Directory Application Mode Instane name HIDDEN_ATTRIBUTE d: ID_ATTRIBUTE			3
	Scope:	CMS			
	Addulla adda a Nigara a (m.				Change Status, Medified
	Attribute: Name (na	ame)			Change Status: Modified (a)
	Description:				
	Scope:	BDM			
CI Ty	oe: adapter_config (adapter_config)			Change Status: Modified 🔕
Descri	ption:				
Scope):	CMS	Previous Name:		
				·	
	Attribute: Fields XI	ML (fields_xml)			Change Status: Added 📀
	Description:				
	Scope:	CMS	Data Type:	xml	
	Attribute: hidden (I	nidden)			Change Status: Added 🥥
		ides this Adapter from UI			onungo otatuo. 7 tadou o
	Scope:	CMS	Data Type:	boolean	
	осорс.	Civio	Data Type.	boolean	
CI Ty	oe: affectednodes (a	ffectednodes)			Change Status: Modified 🔕
Descri	ption: definition of affe	ected node of correlation			
Scope	: :	CMS	Previous Name:		
Paren	t:	Configuration (configuration)			
CI Tyr	as Agent (agent)				Change Status: Modified 🔕
	pe: Agent (agent)	all accords			Change Status, Mounted
Qualif		M_GENERATED_ID_CLASS			
Scope):	CMS	Previous Name:		
CI Tyı	pe: Alteon application	on switch (alteon_app_switch)			Change Status: Modified 🙆
Descri Qualifi	ption: The Nortel Alted	on application switch software			
Scope		CMS	Previous Name:		

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CI Type: Apache (apache) Change Status: Modified @ Description: This class represents an instance of Apache Http Web Server Qualifiers: Added: RANDOM_GENERATED_ID_CLASS Scope: **CMS** Previous Name: Attribute: ConfigurationFilePath (configuration_file_path) Change Status: Modified (a) Description: The full path to a configuration file Qualifiers: Removed: ID_ATTRIBUTE Scope: **CMS** Attribute: Name (name) Change Status: Modified @ Description: Scope: **BDM** Change Status: Modified (0) CI Type: ApplicationSystem (application_system) Description: The super class of complex systems like ERP, CRM or a Call-Center. These systems usually encompass a lot of RunningSoftware and maybe also Nodes. The complex system and its components are discoverable: the user doesn't need to manually define the scope like in the case of Application. From a management perspective all the components are managed as a single system, e.g. the user can define an authorization rule and it is enforced by all the components of the complex system. Scope: **BDM** Previous Name: applicationsystem Attribute: Vendor (vendor) Change Status: Added 💚 Description: The vendor/manufacturer name of asoftware, host, or element Qualifiers: Added: STATIC, COMPARABLE Scope: **BDM** Data Type: string Change Status: Modified @ CI Type: Application Resource (applicationresource) Description: An abstract class which refers to an application resource Scope: **CMS** Previous Name: Change Status: Modified @ Attribute: Name (name) Description: Qualifiers: Added: STATIC BDM Scope: Change Status: Modified (0) CI Type: ATM Switch (atmswitch) Description: the atmswitch class represents a network element which its oid represent an Atm switch Qualifiers: Added: RANDOM_GENERATED_ID_CLASS CMS Previous Name: Scope: Change Status: Modified @ CI Type: BusinessApplication (business_application) A collection of software components that can be managed as an independent unit that supports a particular business function. An application is Description: a logical composition of the functionality required to manipulate the data and provide the functional requirements of underlying business processes. An application has a set of supporting infrastructure entities. Example: Call center application, trade application etc. Added: RANDOM_GENERATED_ID_CLASS Qualifiers: Scope: **BDM** Previous Name: logical_application Change Status: Modified @ Attribute: Name (name) Description: **BDM** Scope: Attribute: Application ID (app_id) Change Status: Deprecated 🔔 Description: Added: HIDDEN_ATTRIBUTE Removed: ID_ATTRIBUTE Qualifiers:

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	Scope:		CMS						
CI Typ	e: Business	Element (busi	ness_element)					Change Status: Mo	dified 🙆
Descri Qualifi	visible	ess Element is a b to customers. : ABSTRACT_CL		nponents that support a	particular busin	ess function, pro	oduce a product	or provide a service th	nat is
Scope	:	BDM		F	revious Name:		business		
	Attribute: T	'ane (tane)						Change Status: A	dded 🚳
			l nurnose attribute se	et that can be used to tag	a entities for cus	stomization or co	onvenience nurn		
	Description		for specialized querie			normzation or o	onvenience purp	ooco (c.g. tag ali basi	11000
	Scope:		BDM		Data Type:		string_list		
	Attribute: E	BusinessCritica	ality (business_cr	riticality)				Change Status: Mo	dified 🙆
		This attribute ho	lds criticality rating of	f the business element a	and indicatesthe sImportantDe	importance of t sirable Function	theelement to the	business.Critical Fur	nctions
	Scope:		BDM		Previous Na	me:	business_critic	cality_level	
21 T	Dualmasa	Franction (bus	inces franction)					Change Status: Mo	dified 🧥
			iness_function)						
Descri	, produc	ing a product, pro	oviding a service). A	set of ongoing activities business function can be sed into processes that	e managed but	cannot be perfe	ormed. Business		
Scope):	BDM		P	revious Name:		line_of_business	3	
	Attribute: E	BusinessFunct	ionType (busines	s function type)				Change Status: A	dded 🔮
			used to describe the	type of business function	n represented.	For example, th	ne business funct		
	Scope:		BDM		Data Type:		business_func	ction_type_enum	
	Attribute: N	lame (name)						Change Status: Mo	dified 🔕
	Description:								
	Scope:		BDM						
СІ Тур	e: Business	Service (busir	ness_service)					Change Status: Mo	dified 🙆
Descri Qualifi	provide busine	es to another with ss services or IT'		ss service is a service the ayment processing). And					
Scope	:	BDM		F	revious Name:		business_service	e_for_catalog	
	A 44	I ()						Change Status: Mo	dified 🔊
		lame (name)						Change Status, Mo	ullieu 🍑
	Description: Qualifiers:	Added: STATIC Removed: ID_A	TTRIBUTE						
	Scope:		BDM						
	Attribute: S	ServiceState (se	ervice state)					Change Status: Mo	dified 🙆
		•		ifecycle state for the Bu	siness Service	or IT Service. F	or example, the I	lifecycle state of a Bus	siness
	Qualifiers:		e designed, built, dep				, ,	•	
	Scope:		BDM						
	Attribute: D	isnlav Name (display_name)				0	Change Status: Depre	cated 🗥
	Description:	Johns Haine (a.opiay_name/					go otatas. Dopio	- 2.50
	Scope:		CMS						

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Description:

Qualifiers:

Scope:

resources, and/or reliability, availability, and serviceability.

Added: ABSTRACT_CLASS

BDM

Change Status: Deprecated 🔔 Attribute: Provider (provider) Description: Service Provider Qualifiers: Removed: STATIC CMS Scope: Attribute: Provision (provision) Change Status: Deprecated 🗥 Description: Service Provision Scope: **CMS** Change Status: Modified @ CI Type: chart (chart) Description: Scope: **CMS** Previous Name: Parent: Configuration (configuration) Change Status: Modified @ CI Type: Chassis (chassis) Description: a chassis that holds atm switches Qualifiers: Added: RANDOM_GENERATED_ID_CLASS Scope: **CMS** Previous Name: CI Type: CiCollection (ci_collection) Change Status: Modified 🙆 Description: Generic logical collection of Cls. One example usage for CiCollection would be to group business processes when no real sequencing is required between the processes Scope: **BDM** Previous Name: logical_group Parent: ConfigurationItem (configuration_item) Change Status: Modified @ Attribute: Name (name) Description: **BDM** Scope: Change Status: Modified @ CI Type: circular properties (circularproperties) Description: manual node properties Scope: CMS Previous Name: Parent: Configuration (configuration) CI Type: Cisco CSS (cisco css) Change Status: Modified @ Description: The Cisco Content service switch software Qualifiers: Added: RANDOM_GENERATED_ID_CLASS CMS Previous Name: Scope: Change Status: Modified @ CI Type: ClientServer (client_server) The Client-Server relationship indicates the two CIs communicate with each other where one CI acts as a client while the other acts a server. Description: Scope: Previous Name: clientserver Parent: Dependency (dependency) Change Status: Modified @ Attribute: Display Label (display_label) Description: Used as calc attribute for display **BDM** Scope: CI Type: Cluster (cluster) Change Status: Modified @

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A Cluster is a system that is made up of two or more Nodes which operate together as an atomic, functional whole to increase the performance,

Previous Name:

(Iniversal CMDB Change Status: Modified @ Attribute: Name (name) Description: Added: STATIC, COMPARABLE Qualifiers: **BDM** Scope Attribute: Version (version) Change Status: Modified @ Description: Cluster version Qualifiers: Added: STATIC, COMPARABLE CMS Scope: Change Status: Modified (0) CI Type: ClusterResourceConfig (cluster_resource_config) Physical or logical entity managed by a cluster node. A resource provides a service to clients in a client/server environment. Key Attributes: 1. Description: Name (data_name) - Name of cluster resource 2. Container (root_container) - Parent cluster group Scope: CMS Previous Name: clusterresource CI Type: ClusterResourceGroup (cluster_resource_group) Change Status: Modified @ Description: Represents a cluster resource group ("Cluster Package" in MC/ServiceGuard terminology) on a failover cluster. The CRG provides a runtime environment that is similar to a virtual node (network connectivity, storage), but does not provide the level of isolation of virtual machines running on a hypervisor. A CRG can move between a select set of members of a Failover Cluster, and at any given point in time will (if active) be running on exactly one cluster member. Qualifiers: Added: RANDOM_GENERATED_ID_CLASS Removed: ID_CLASS_NAME_OVERRIDE Scope: **BDM** Previous Name: clusteredservice Parent: Node (node) CI Type: ClusterResourceGroupConfig (cluster_resource_group_config) Change Status: Modified <a>O Description: Collection of dependent or related resources to be managed as a single unit. Key Attributes: 1. Name (data_name) - Name of cluster group 2. Container (root_container) - Parent container, i.e. clustered service Scope: CMS Previous Name: clustergroup CI Type: ClusterSoftware (cluster_software) Change Status: Modified <a>O Description: The software that provides failover cluster capabilities on a certain node (e.g. the runtime software of MC/ServiceGuard on an HP-UX cluster node) Qualifiers: Added: RANDOM_GENERATED_ID_CLASS **BDM** Previous Name: failoverclustersoftware Scope: CI Type: column (column) Change Status: Modified @ Description: CMS Previous Name: Scope: Parent: Configuration (configuration) Change Status: Modified @ CI Type: Composition (composition) Description: Represents a relation between 2 objects where one is contained within the other, and the included object can not exist without its container. Therefore, when the container is deleted, all its contained object will be automatically removed Scope: **BDM** Previous Name: container_f CI Type: condition (condition) Change Status: Modified 🙆 Description: A MAM event system condition CMS Previous Name: Scope Parent: Configuration (configuration)

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A document that contains a block of arbitrary information, or resource for storing information, which is available to a computer program and is

Previous Name:

document

Change Status: Modified <a>O

CI Type: ConfigurationDocument (configuration_document)

CMS

usually based on some kind of durable storage

Added: DOCUMENTED, RANDOM_GENERATED_ID_CLASS

Description:

Qualifiers:

Scope:

Attribute: I	DocumentC	ontentType (document_	_content_type)			Change Status: Added 🥥
Description: Qualifiers:	Added: STA	ATIC, COMPARABLE				
Scope:		CMS		Data Type:	string(50)	
Attribute: \	Version (ve	rsion)				Change Status: Added 🥥
Description:						
Scope:		CMS		Data Type:	string(50)	
Attribute: (ContentLoc	ation (content_location)				Change Status: Modified 🔕
		url) to the config file				
Qualifiers:	Added: DDI Removed: 0	M_ID_ATTRIBUTE COMPARABLE				
Scope:		CMS		Previous Name:	document_pa	th
Attribute: I	DocumentC	heckSum (document_cl	heck_sum)			Change Status: Modified 🔕
Description:	The checks	um of the file				
Scope:		CMS		Previous Name:	document_ch	ecksum
Attribute: I	DocumentC	ontent (document_cont	ent)			Change Status: Modified 🔕
	The zipped	data of the document COMPARABLE				
Scope:		CMS		Previous Name:	document_da	ta
Attribute: I	DocumentL	astUpdateTime (docum	ent last update	time)		Change Status: Modified 🔕
		e of modification to this file		- ,		-
Scope:		CMS		Previous Name:	document_las	stmodified
Attribute: 1	Name (nam	۵)				Change Status: Modified 🔕
Description:	Taille (liaill	5)				change ctatae. Weamer
•	Added: DDI Removed: I	M_ID_ATTRIBUTE, STATIC, D_ATTRIBUTE	COMPARABLE			
Scope:		BDM				
Attribute: (Container (ı	root_container)				Change Status: Modified 🙆
	Container C					0
Scope:		CMS				
o: Configur	rationItom (configuration_item)				Change Status: Modified 🔕
e: Configur otion:	auomiem (comiguration_item)				Shange Status, Mounted
	E	BDM		Previous Name:	it_world	
Contoine		in man a mad)				Change Status: Modified Q
e: Containr	nent (conta	inment)				Change Status, Modified 6
		BDM		Previous Name:	contained	
	N	Managed Relationship managed_relationship)		Flevious Name.	contained	
e: Cpu (cpı	1)					Change Status: Modified Q
	•	g unit (CPU) is an electronic	circuit that can exe	ecute computer program	S.	Sharige Status, Modified
		BDM		Previous Name:		
				ottodo rtario.		

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Attribute: 0	CpuType (cpu_	type)			Change Status: Added
Description: Qualifiers:	Describes the sp Intel Model 350 - Added: STATIC,	pecific type of central processing unit. The - Prescott-256 Core) , COMPARABLE	e type information typically inc	cludes the manufactu	rer, make, and model (e.g.
Scope:		BDM	Data Type:	null(900)	
Attribute: (Core number (c	core number)			Change Status: Modified (
	the number of co				
Qualifiers:	Added: STATIC,	, COMPARABLE			
Scope:		CMS			
Attribute: 0	CpuClockSpeed	d (cpu_clock_speed)			Change Status: Modified
Description: Qualifiers:	•	d of the central processing unit expressed in COMPARABLE, ALLOW_VOLATILITY	in MHz.		
Scope:		BDM			
Attribute: (Cpuld (cpu id)				Change Status: Modified (
Description: Qualifiers:	This is represent	ts an index or a unique id assigned to a Cl	PU by a computer or a netwo	ork device.	
Scope:		BDM	Previous Name:	cpu_cid	
Attribute: N	Name (name)				Change Status: Modified (
Description:					
Scope:		BDM			
o. Doto /do	1 0\				Changa Status: Madified
e: Data (dat	laj				Change Status: Modified (
:	CMS		Previous Name:		
					01 011 14 15 14
Description:		e (data_allow_auto_discovery)			Change Status: Modified (
•		I_ATTRIBUTE, DEPRECATION			
Scope:		CMS			
Attributo. I	Description (de	acuintian)			Change Status: Modified
	Description (de	scription)			Change Status, Mounted
L)escription:	LIESCRINTION				
Description: Scope:	Description	BDM	Previous Name:	data descript	ion
Scope:	·	BDM	Previous Name:	data_descript	
Scope: Attribute: N	Name (name)	BDM	Previous Name:	data_descript	
Scope: Attribute: N Description:	Name (name)				
Scope: Attribute: N	Name (name)	BDM	Previous Name:	data_descript	ion Change Status: Modified (
Scope: Attribute: N Description: Scope:	Name (name)				Change Status: Modified (
Scope: Attribute: N Description: Scope: e: Database otion: A syst usually	Name (name) e (database) tem that manages y by key data item	BDM a collection of records arranged in a pred	Previous Name:	data_name	Change Status: Modified (Change Status: Modified (
Scope: Attribute: N Description: Scope: e: Database otion: A syst usually ers: Added	Name (name) e (database) tem that manages y by key data item	BDM a collection of records arranged in a pred ins. SERATED_ID_CLASS	Previous Name:	data_name	Change Status: Modified (Change Status: Modified (
Scope: Attribute: N Description: Scope: e: Database otion: A syst usuall ers: Added	Name (name) e (database) tem that manages y by key data item d: RANDOM_GEN	BDM a collection of records arranged in a pred s. IERATED_ID_CLASS	Previous Name: efined structure and format a	data_name	Change Status: Modified (Change Status: Modified (trieval and search of data
Scope: Attribute: N Description: Scope: e: Database stion: A syst usually ers: Added Attribute: 1	Name (name) e (database) tem that manages y by key data item d: RANDOM_GEN BDM	BDM a collection of records arranged in a pred as. NERATED_ID_CLASS Instance name (database_dbsid)	Previous Name: efined structure and format a	data_name	Change Status: Modified (Change Status: Modified (trieval and search of data
Attribute: N Description: Scope: e: Database otion: A syst usually ers: Addec	Name (name) e (database) tem that manages y by key data item d: RANDOM_GEN	BDM a collection of records arranged in a pred is. BERATED_ID_CLASS Instance name (database_dbsid) ame I_ATTRIBUTE	Previous Name: efined structure and format a	data_name	Change Status: Modified (Change Status: Modified (

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Attribute: Name (name) Change Status: Modified @ Description: Qualifiers: Added: DDM_AUTOUPPERCASE Scope: **BDM** CI Type: Database Schema (database instance) Change Status: Modified @ Represents the database schema Qualifiers: Added: DOCUMENTED CMS Scope: Previous Name: Attribute: Name (name) Change Status: Modified (Description: Qualifiers: Added: DOCUMENTED **BDM** Scope: Change Status: Modified @ Attribute: Container (root_container) Description: Container CI of this CI Qualifiers: Added: DOCUMENTED Scope: **CMS** CI Type: Database Resource (databaseresource) Change Status: Modified 🙆 Description: virtual class to all database resources Scope: CMS Previous Name: Change Status: Modified @ Attribute: Name (name) Description: Qualifiers: Added: STATIC Removed: COMPARABLE Scope: **BDM** CI Type: Datacenter (datacenter) Change Status: Modified @ Description: Represents a Data center entity Scope: CMS Previous Name: Change Status: Modified @ Attribute: Status (datacenter_status) Description: Status of this Datacenter Qualifiers: Removed: STATIC, COMPARABLE CMS Scope: Attribute: Name (name) Change Status: Modified (0) Description: Qualifiers: Removed: COMPARABLE Scope: **BDM** CI Type: DB2 (db2) Change Status: Modified 🙆 A database from IBM that serve a number of different operating system platforms. Description: Qualifiers: Added: RANDOM_GENERATED_ID_CLASS Scope: CMS Previous Name: CI Type: DB Snapshot (dbsnapshot) Change Status: Modified 🙆 Description: Backup that can be can be created for an entire database or individual files. Scope: **CMS** Previous Name:

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	Attribute: Own	er (dbsnapshot_owner)				Change Status: Modified 🙆
		rner of the snapshot.				-
	Qualifiers: Ad	ded: ID_ATTRIBUTE				
	Scope:	CMS				
СІ Тур	pe: Dependency	(dependency)				Change Status: Modified 🔕
Descri	iption: represents	a dependency between 2 objects				
Scope	e:	BDM	Previo	ous Name:		
Paren	t:	Managed Relationship (managed_relationship)				
	Attribute: Link	Name (dependency_name)				Change Status: Modified 🙆
	Description: Lin	k name				
	Qualifiers: Ade	ded: HIDDEN_ATTRIBUTE moved: ID_ATTRIBUTE				
	Scope:	CMS				
	Attribute: Link	Source (dependency_source)				Change Status: Modified 🔕
	Description: Lin	k source				
		ded: HIDDEN_ATTRIBUTE moved: ID_ATTRIBUTE				
	Scope:	CMS				
	Attribute: Disp	lay Label (display_label)				Change Status: Modified 🙆
		ed as calc attribute for display				
	Qualifiers: Mo	dified: CALCULATED_ATTRIBUTE				
	Scope:	BDM				
СІ Тур	pe: MAM resour	ce (deployedResource)				Change Status: Modified 🔕
Descri	iption: MAM's pad	ckage's resource				
Scope	e :	CMS	Previo	ous Name:		
	Attribute: Reso	ourceExtension (new_ext)				Change Status: Modified 🔕
	Description: The	e resource's file name extension				
	Scope:	BDM	Р	revious Name:	ext	
CI Ty	pe: destination_	config (destination_config)				Change Status: Modified 🙆
Descri	iption:					
Scope	e:	CMS	Previo	ous Name:		
	Attribute: Attri	bute Values XML (attribute_values	3)			Change Status: Added 🥥
	Description:	· -	•			-
	Scope:	CMS	D	ata Type:	xml	
	Attribute: cred	entials_id (credentials_id)				Change Status: Added 🥥
		ference to the credentials dictionary entry	/			
	Scope:	CMS		ata Type:	string	
	Attribute: hidd	en (hidden)				Change Status: Added 🥥
		rue, hides this DataStore from UI				3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
	Scope:	CMS	D	ata Type:	boolean	
1						

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Description: A MAM jms message

	Attribute: i	s_enabled (is_enab	led)			Change Status: Added 🥥
	Description:	If false, this datastore	will not participate in TQL calci	ulation		
	Scope:	CMS	3	Data Type:	boolean	
	Attribute: p	probe_name (probe	_name)			Change Status: Added 🥥
			-			
	Scope:	CMS	8	Data Type:	string(80)	
CI Tv	ne: disconn	acted properties (di	sconnectednronerties)			Change Status: Modified @
	-		3comiccicuproperties)			change clates. Meanior
				Previous Name:		
•			on (configuration)			
					`	
						Change Status: Modified O
Descr	iption: A disc	overy module that can	contain several patterns that ar	e needed for invocation		
Scope	e:	CMS		Previous Name:		
	Attribute: F	Path (discoverymod	lule path)			Change Status: Added 🥥
		•				
	Qualifiers:	Added: UNIQUE_IND	EX			
	Scope:	CMS	3	Data Type:	string(900)	
CI Tv	no: Discovo	ny Posourco (disco)	(OTUTOS OLUTOS)			Change Status: Modified (A)
			<u> </u>			Ondrige Oldido. Modified
			lon resource	Provious Namo:		
Эсоре		CIVIO		i revious ivame.		
	Attribute: r	esource_ext (resou	ırce_ext)			Change Status: Modified 🔕
	Description:	The resource's file na	me extension			
	Scope:	CMS	3	Previous Name:	ext	
CI Tv	no: DneSorv	or (dne sorvor)				Change Status: Modified 🙆
		· - /	erver is a registry system for ele	ectronic services and resources. T	he DNS translates do	
	under	stand into the appropria	ate network or application addre	ess.	ne bivo translates de	main names when naman
		_		Previous Name:	dnsserver	
			oftware (running_software)	. 1011000 11011101	4.1.555, 75.	
		•	•			Change Status: Modified (
	domai the do	in replicate information	to each other. A domain contro	e the Active Directory information. ller which is defined as a global ca	All domain controllers atalog server replicate	that belong to the same and stores objects from all
Qualif	iers: Added	I: RANDOM_GENERA	TED_ID_CLASS			
•		CMS		Previous Name:		
Parer	nt:	DirectoryS	erver (directory_server)			
CI Ty	pe: Event Ba	ase (eventbase)				Change Status: Modified 🔕
Description: If false, this datastore will not participate in TQL calculation Scope: CMIS Data Type: boolean Attribute: probe_name (probe_name) Description: Probe name to run on Scope: CMIS Data Type: string(80) CI Type: disconnected properties (disconnectedproperties) Change Status: M Description: manual node properties Scope: CMS Previous Name: CIType: Auto Discovery Module (discoverymodule) Description: Discovery module that can contain several patterns that are needed for invocation Scope: CMS Previous Name: Attribute: Path (discoverymodule_path) Change Status: M Description: Discovery Module path in modules tree Qualifiers: Added: UNIQUE_INDEX Scope: CMS Data Type: string(900) CI Type: Discovery Resource (discoveryresource) CI Type: Discovery Resource (discoveryresource) CI Type: Discovery Resource (discoveryresource) CI Type: Discovery Internal Configuration Resource Scope: CMS Previous Name: Attribute: resource_ext (resource_ext) Description: Discovery Resource (discoveryresource) CI Type: Discovery Resource (discoveryresource) Attribute: resource_ext (resource_ext) Description: Discovery Resource (discoveryresource) CI Type: Description: Added: RANDOM_GENERATED_ID_CLASS Scope: RDM Previous Name: discoveryre repli						
Scope	e:	CMS		Previous Name:		
Parer	nt:	Configurat	on (configuration)			
CI Tve	na: eventme	ssage (eventmess	na)			Change Status: Modified @
∪ι ι γ∣	pe. evenune	əsaye (evenlinessa	19c)			Sharige Status, Moullieu 🥶

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Attribute: Name (name)

Change Status: Modified
Description:
Qualifiers: Added: DOCUMENTED

Scope: BDM

Attribute: Container (root container)

Change Status: Modified
Change Status: Modified

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Description: Container CI of this CI

Added: DOCUMENTED

CMS

Qualifiers:

Scope:

Scope:

CMS

Change Status: Modified 🙆 CI Type: Exchange Edge Server (exchangeedgeserver) The Edge Transport role is installed on the edge of the network and therefore is installed on a standalone server that is not a member of the Active Directory domain. Active Directory Application Mode (ADAM) is used to sync AD with the Edge Transport server. ADAM and a component called EdgeSync are used to perform scheduled one-way synchronization of the configuration and recipient information from Active Directory. This allows the Edge Transport to perform recipient lookups and Spam filtering. Added: DOCUMENTED Qualifiers: Scope: CMS Previous Name: Attribute: Name (name) Change Status: Modified @ Description: Qualifiers: Added: DOCUMENTED Scope **BDM** Change Status: Modified (0) Attribute: Container (root_container) Description: Container CI of this CI Qualifiers: Added: DOCUMENTED Scope: CMS CI Type: Exchange Hub Server (exchangehubserver) Change Status: Modified (The Hub Transport role is responsible for all internal mail flow. This role is similar to the bridgehead server in an Exchange 2000/2003 Description: organization. The Hub Transport server is installed on member server(s) in an Active Directory domain. Because it is a member of an AD domain, all its configuration information is stored in AD and any other Hub Transport servers will get their configuration from AD. Qualifiers: Added: DOCUMENTED Scope: **CMS** Previous Name: Attribute: Name (name) Change Status: Modified <a>O Description: Qualifiers: Added: DOCUMENTED Scope: **BDM** Change Status: Modified @ Attribute: Container (root container) Description: Container CI of this CI Qualifiers: Added: DOCUMENTED Scope: **CMS** Change Status: Modified 🙆 CI Type: Exchange Mail Server (exchangemailserver) Description: Mailbox role holds the Exchange databases within which the user mailboxes are contained. It is also home to the Public Folder databases if you enabled Public Folders. Qualifiers: Added: DOCUMENTED Scope: CMS Previous Name: Change Status: Modified @ Attribute: Name (name) Description: Qualifiers: Added: DOCUMENTED Scope: **BDM** Change Status: Modified @ Attribute: Container (root_container) Description: Container CI of this CI Qualifiers: Added: DOCUMENTED CMS Scope: CI Type: Exchange Organization (exchangesystem) Change Status: Modified (0) Description: This class represents Exchange Organization. Qualifiers: Added: DOCUMENTED

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Previous Name:



Universal CMDB Change Status: Modified @ Attribute: Name (name) Description: Qualifiers: Added: DOCUMENTED Scope **BDM** CI Type: Exchange Transport Server (exchangetransportserver) Change Status: Modified 🔕 This CIT is a common super-type for two transport roles: Edge role and Hub role. Qualifiers: Added: DOCUMENTED Scope: **CMS** Previous Name: Change Status: Modified (Attribute: Name (name) Description: Qualifiers: Added: DOCUMENTED **BDM** Scope: Change Status: Modified @ Attribute: Container (root_container) Description: Container CI of this CI Qualifiers: Added: DOCUMENTED Scope: **CMS** CI Type: Exchange Unified Messaging Server (exchangeunifiedmessagingserver) Change Status: Modified 🔕 This server role enables Unified Messaging for an Exchange 2007 organization. Unified Messaging lets users access their Exchange 2007 mailbox over any telephone for e-mail, voice mail, fax messages, and calendaring and contact information. The Unified Messaging role is responsible for merging VOIP infrastructure with Exchange organization. It provides the capability to: - combined voice, fax, and mail in one inbox - access to voice, fax and mail via multiple interfaces Qualifiers: Added: DOCUMENTED Scope: **CMS** Previous Name: Change Status: Modified 🙆 Attribute: Name (name) Description: Qualifiers: Added: DOCUMENTED Scope: **BDM** Change Status: Modified (0) Attribute: Container (root container) Description: Container CI of this CI Qualifiers: Added: DOCUMENTED Scope: CMS Change Status: Modified @ CI Type: J2EE Execute Queue (executequeue) Description: executequeue CMS Previous Name: Scope: Attribute: Execute Queue Length (executequeue_queuelength) Change Status: Modified (0) Description: Execute Queue Length Added: STATIC, COMPARABLE Qualifiers: **CMS** Scope: Change Status: Modified @ Attribute: Execute Queue Max (executequeue_threadmaximum) Description: Execute Queue Max Qualifiers: Added: STATIC, COMPARABLE Scope:

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Change Status: Modified @

Attribute: Execute Queue Min (executequeue threadminimum)

Added: STATIC, COMPARABLE

Description: Execute Queue Min

Qualifiers:

Change Status: Modified @ Change Status: Modified (0) **BDM** Scope: Change Status: Modified @ CI Type: ExecutionEnvironment (execution environment) Relationship between entities when one is executed in (or in a scope of) another entity Description: **BDM** Scope: Previous Name: run Parent: Dependency (dependency) Change Status: Modified 🙆 CI Type: F5 BIG-IP LTM (f5_ltm) Description: The F5 BIG-IP Local traffic manager software Qualifiers: Added: RANDOM_GENERATED_ID_CLASS Scope: CMS Previous Name: CI Type: FailoverCluster (failover cluster) Change Status: Modified <a>O A FailoverCluster is a Cluster that is implemented primarily for the purpose of providing high availability of services which the cluster provides. They operate by having redundant computers or nodes which are then used to provide service when system components fail. Qualifiers: Added: RANDOM_GENERATED_ID_CLASS Scope: **BDM** Previous Name: failovercluster Change Status: Modified 🙆 Attribute: Name (name) Description: Added: DDM_ID_ATTRIBUTE, DOCUMENTED Removed: ID_ATTRIBUTE Qualifiers: Scope: **BDM** CI Type: Fiber Channel HBA (fchba) Change Status: Modified @ Description: CMS Previous Name: Scope: Attribute: SerialNumber (serial_number) Change Status: Modified (0) Description: A manufacturer specified serial number or unique ID for a product or element **BDM** Previous Name: fchba serialnumber Scope: CI Type: Fiber Channel Switch (fcswitch) Change Status: Modified 0 Description: Qualifiers Added: RANDOM_GENERATED_ID_CLASS CMS Previous Name: Scope Change Status: Modified @ CI Type: FileSystem (file system) A file system mounted on a Node.A file system provides the means for storing and organizing computer files and the data they contain to make it easy to find and access them. This class corresponds to the general notion of file system used by Unix, Windows, Linux, etc. Description:

Scope: **BDM** Previous Name: disk

Change Status: Added 📀 Attribute: MountPoint (mount_point) Description: A file system path or drive letter where a file system may be mounted. Added: ID_ATTRIBUTE, STATIC, COMPARABLE Qualifiers:

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		Scope:		BDM		Data Type:	string(900)	
	[Attribute: S	Storage Type (disk_type)				Change Status: Modified 0
				rage represented by this en	try (such as FixedD	isk, NetworkDisk,Con	mpactDisk, FloppyDisk e	tc)
		Scope:	7.0000.0171110	CMS				
	L	· ·						
		Attribute: D	isplay Label (display_label)				Change Status: Modified 🔕
		•		tribute for display				
		Qualifiers:	Modified: CALC	CULATED_ATTRIBUTE				
	[Scope:		BDM				
		Attribute: N	lame (name)					Change Status: Modified 🔕
		Description:						
		Qualifiers:	Added: STATIC Removed: ID_A	; ATTRIBUTE				
		Scope:		BDM				
O1 :	T	F!! - O 4-						Change Status: Modified O
	-			_system_export)				Change Status, Modified 6
				ported by a node for mount				
Sc	ope:		BDM	<u> </u>	Pr	evious Name:	networkshare	
		Attribute: S	hare Names (share_names)				Change Status: Added 🥥
		Description:	(
		Scope:		CMS		Data Type:	string_list	
		·				•	<u> </u>	
				h (file_system_path)				Change Status: Modified 🔕
		Description: Qualifiers:	A path in a Files Added: ID_ATT	System. Such as: /etc/hosts RIBUTE	s on unix; or C:\WIN	DOWS on windows		
		Scope:		BDM		Previous Name:	share_path	
		Attribute: N	lame (name)					Change Status: Modified 🔕
		Description:	iamo (mamo)					J
		Qualifiers:	Removed: ID_A	ATTRIBUTE				
		Scope:		BDM				
	-	e: Firewall (firewall)					Change Status: Modified (
	scrip alifie	otion: ers: Added	: RANDOM_GEN	NERATED_ID_CLASS				
Sc	ope:		CMS)	Pr	evious Name:		
CI.	Tvn	e: folder (fo	ldor)					Change Status: Modified 0
		otion:	idei j					Change Ctatas. Modified
	ope:		CMS	•	Dr	evious Name:		
	rent			iguration (configuration)	FI	evious Name.		
CI.	Тур	e: hierarchi	cal properties	(hierarchicalpropertie	s)			Change Status: Modified 🔕
De	scrip	otion: node r	manual properties	s				
Sc	one:		CMS		Pr	evious Name:		

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Configuration (configuration)

Parent:

CI Type: History Link (history_link) Change Status: Modified @ Description: Scope: CMS Previous Name: Managed Relationship Parent: (managed_relationship) Change Status: Modified (0) CI Type: Computer (host_node) Description: This class represents a general purpose machine which has an IP address, such as Windows, Unix, Mainframe Qualifiers: Added: RANDOM_GENERATED_ID_CLASS CMS Scope: Previous Name: Change Status: Modified @ CI Type: Hypervisor (hypervisor) Base class for different kinds of hypervisors (software that allows to host virtual machines)Represents the virtualization service provided by the Hypervisor, its properties and health. The Hypervisor is the link object between the virtual machine (a Node) and the physical host (a Node). Description: Added: RANDOM_GENERATED_ID_CLASS Qualifiers: Removed: ABSTRACT_CLASS Scope: **BDM** Previous Name: Change Status: Added 💚 Attribute: EnabledForLiveMigration (enabled_for_live_migration) This attribute describes whether the hypervisor has enabled the live migration of its hosted virtual machines (e.g. used in the context of VMWare VMotion). Scope: **BDM** Data Type: boolean CI Type: IBM HTTP Server (ibmhttpserver) Change Status: Modified (0) IBM HTTP Server (IHS) which is based on the Apache HTTP Server that runs on AIX, HP-UX, Linux, Solaris, Windows NT, and z/OS Description: Qualifiers: Added: RANDOM_GENERATED_ID_CLASS Scope: CMS Previous Name: Change Status: Modified (0) Attribute: ConfigurationFilePath (configuration file path) Description: The full path to a configuration file Qualifiers: Removed: ID_ATTRIBUTE Scope: CMS Attribute: Name (name) Change Status: Modified @ Description: Scope: **BDM** CI Type: IIS Web Server (iis) Change Status: Modified (0) Description: This class represents an instance of IIS web-server (Microsoft Internet Information Server). Qualifiers: Added: RANDOM_GENERATED_ID_CLASS Scope: CMS Previous Name: Attribute: Application Pool ID (app_pool_id) Change Status: Modified (0) Description: Application Pool ID Qualifiers: Added: COMPARABLE Scope: CMS Change Status: Modified 🔕 CI Type: IIS FTP Server (iis_ftp_server) Description: This class represents an instance of IIS FTP Server Qualifiers: Added: RANDOM_GENERATED_ID_CLASS Scope: **CMS** Previous Name:

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CI Type: IIS SMTP Server (iis_smtp_server)		Change Status: Modified 🧿
Description: This class represents an instance of IIS SMTP Server Qualifiers: Added: RANDOM_GENERATED_ID_CLASS		
Scope: CMS	Previous Name:	
0.7		Change Chakes Madified
CI Type: IIS Application Pool (iisapppool)		Change Status: Modified 🔕
Description: IIS Application Pool		
Scope: CMS	Previous Name:	
Attribute: Name (name)		Change Status: Modified 🔕
Description: Qualifiers: Added: COMPARABLE		
Scope: BDM		
CI Type: IIS FTP Site (iisftpsite)		Change Status: Modified 🔕
Description: IIS FTP Site		
Scope: CMS	Previous Name:	
Attribute: Name (name)		Change Status: Modified 🔕
Description: Qualifiers: Added: COMPARABLE		
Scope: BDM		
CI Type: IIS Resource (iisresource)		Change Status: Modified 🔕
Description: Base class for IIS resources		
Scope: CMS	Previous Name:	
Adduthdo. Nomo (nomo)		Change Status: Modified 🔕
Attribute: Name (name)		Change Status, Modified
Description: Qualifiers: Added: COMPARABLE		
Scope: BDM		
CI Type: IIS Web Dir (iiswebdir)		Change Status: Modified 🔕
Description: IIS Web Dir		
Scope: CMS	Previous Name:	
Attribute: Application Root (app_root)		Change Status: Modified (0)
Description: Application Root		2121.32 212.001 11.001.00
Qualifiers: Added: STATIC, COMPARABLE		
Scope: CMS		
Attribute: Application Name (application_name)		Change Status: Modified 🙆
Description: Application Name Qualifiers: Added: STATIC, COMPARABLE		
Scope: CMS		
Attribute: Name (name)		Change Status: Modified 🔕
Description: Qualifiers: Added: COMPARABLE		Shange Status, Mounted
Scope: BDM		

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Attribute: Path (path) Change Status: Modified @ Description: Path Added: STATIC Qualifiers: CMS Scope: Change Status: Modified 🔕 CI Type: IIS Web Service (iiswebservice) Description: IIS Web Service CMS Scope: Previous Name: Attribute: Allow Keep-Alive (allow_keep_alive) Change Status: Modified @ Description: Allow Keep-Alive Qualifiers: Removed: COMPARABLE, STATIC Scope: CMS Change Status: Modified @ Attribute: Anonymous Password Sync (anonymous_password_sync) Description: Anonymous Password Sync Removed: COMPARABLE, STATIC Qualifiers: Scope: **CMS** Change Status: Modified O Attribute: Application Pool ID (app_pool_id) Description: Application Pool ID Qualifiers: Removed: STATIC CMS Scope: CI Type: IIS Web Site (iiswebsite) Change Status: Modified @ Description: IIS Web Site Scope: CMS Previous Name: Change Status: Modified @ Attribute: Application Pool ID (app_pool_id) Description: Application Pool ID Qualifiers: Added: STATIC, COMPARABLE Scope: CMS Attribute: Name (name) Change Status: Modified (0) Description: Qualifiers: Added: COMPARABLE Scope: **BDM** Change Status: Modified @ Attribute: IIS Web Site Path (path) Description: IIS Web Site Path Qualifiers: Added: STATIC Scope: CMS CI Type: InfrastructureElement (infrastructure_element) Change Status: Modified @ Description: Infrastructure Element CI Types. Scope: **BDM** Previous Name: system Change Status: Modified @ CI Type: input (input) Description: A MAM event system action/job input Scope: **CMS** Previous Name: Parent: Configuration (configuration)

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СІ Тур	e: Installed	Software (inst	alled_software)				Change Status: Modified @
		•		node.			
Scope:		BDM	1		Previous Name:	software	
	Attribute: E	BuildNumber (build number)				Change Status: Added 📀
	Scope:		BDM		Data Type:	string(100)	
			, , , , , ,				Ob are an Obstacle Add ad S
		This attribute he	old the Definative Media	Liberary name of a	a software product. It is the	he responsibility of the use	
	Scope:		BDM		Data Type:	string(900)	
	A44.95 4 . 1	0.11.0		0			Change Chatus, Addad
				-	Office quite)		Change Status: Added
		ii the soltware i		Access from M5 (hooloon	
	Scope.		DDIVI		раца туре.	boolean	
	Attribute: S	SoftwareLangu	uage (software_langu	uage)			Change Status: Added 🥥
	Description:	Language asso	ciated with the software i	installed. This is of	ften used in license comp	pliance checks.	
	Scope:		BDM		Data Type:	string(50)	
	Attribute: V	/endor (vendo	r)				Change Status: Added 📀
Description: This class represents a software installed on a node. Qualifiers: Added: RANDOM_GENERATED_ID_CLASS Scope: BDM Previous Name: software Attribute: BuildNumber (build_number) Description: Represents the software build number. Scope: BDM Data Type: string(100) Attribute: DmiProductName (dmi_product_name) Description: This attribute hold the Definative Medial. Liberary name of a software product. It is the responsibility of the user/ot taxonomy of normalized software product names. Scope: BDM Data Type: string(900) Attribute: IsSuiteComponent (is_suite_component) Description: If the software is part of a suite (like MS Access from MS Office suite) Scope: BDM Data Type: boolean Attribute: SoftwareLanguage (software_language) Description: Language associated with the software installed. This is often used in license compliance checks. Scope: BDM Data Type: string(50) Attribute: Vendor (vendor) Description: The vendor/manufacturer name of a software, host, or element Scope: BDM Data Type: string(50) Attribute: DiscoveredVendor (discovered_vendor) Description: The node vendor name as determined during discovery (e.g. HP, VMware Inc., etc.) Scope: BDM Previous Name: software_vendor Attribute: FileSystemPath (file_system_path) Description: Apath in a FileSystem. Such as: /etc/hosts on unix; or C:\WINDOWS on windows Scope: BDM Previous Name: software_installed. Attribute: Name (name) Description: Container (root_container) Description: Container (foot_container) Description: Container (foot_container) Description: Container (foot_container) Description: Container (foot_container) Description: Container (foot_container)	<u> </u>						
	Scope:		sents a software installed on a node. M_GENERATED_ID_CLASS BDM Previous Name: software wher (build_number) Change Status: Added © into the software build number. BDM Data Type: string(100) wuctName (dml_product_name) Change Status: Added © bute hold the Definative Media Liberary name of a software product. It is the responsibility of the user/customer to define the product names. BDM Data Type: string(900) Change Status: Added © omponent (is_suite_component) Change Status: Added © thware is part of a suite (like MS Access from MS Office suite) BDM Data Type: boolean Language (software_language) Change Status: Added © passociated with the software installed. This is offen used in license compliance checks. BDM Data Type: string(50) vendor) Change Status: Added © dor/manufacturer name of a software, host, or element BDM Data Type: string(256) vendor) Change Status: Modified © redVendor (discovered_vendor) Change Status: Modified © ampath (file_system_path) Change Status: Modified ©				
	•						
	ripition: This class represents a software installed on a node. filers: Added: RANDOM_GENERATED_ID_CLASS is: BDM Attribute: BuildNumber (build_number) Description: Represents the software build number. Scope: BDM Attribute: DmlProductName (dml_product_name) Description: This attribute hold the Definative Media Libera taxonomy of normalized software product name. Scope: BDM Attribute: IsSuiteComponent (is_suite_component Description: If the software is part of a suite (like MS Access Scope: BDM Attribute: SoftwareLanguage (software_language) Description: Language associated with the software installed Scope: BDM Attribute: Vendor (vendor) Description: The vendor/manufacturer name of a software, Scope: BDM Attribute: DiscoveredVendor (discovered_vendor) Description: The node vendor name as determined during the Scope: BDM Attribute: FileSystemPath (file_system_path) Description: A path in a FileSystem. Such as: /etc/hosts on Scope: BDM Attribute: Name (name) Description: Added: DDM_ID_ATTRIBUTE Removed: ID_ATTRIBUTE Scope: BDM Attribute: Container (root_container) Description: Container (Toot_container) Description: Container (Ind. TTRIBUTE Removed: ID_ATTRIBUTE Removed: ID_ATTRIBUTE Scope: CMS	•			Change Status: Modified (△)		
		The node vend		luring discovery (e	_		
	Scope:		BDM		Previous Name:	software_vend	or
	Attribute: F	ileSystemPat	h (file_system_path)				Change Status: Modified 🙆
	Description:	A path in a File	System. Such as: /etc/ho	sts on unix; or C:\	WINDOWS on windows		
	Scope:		BDM		Previous Name:	software_insta	llpath
	Attribute: N	lame (name)					Change Status: Modified 🙆
		(
	Qualifiers:	Added: DDM_II Removed: ID_A	O_ATTRIBUTE ATTRIBUTE				
	Scope:		BDM				
	Attribute: C	Container (roo	t container)				Change Status: Modified ()
	Qualifiers:	Added: DDM_II Removed: ID_A	Is a software installed on a node. SENERATED_ID_CLASS DM Previous Name: software In (build_number) Change Status: Added Interest Statu				
	Scope:		CMS		Previous Name: software Change Status: Added Change Status: Added Software product. It is the responsibility of the user/customer to define the Data Type: string(900) Change Status: Added Office suite) Data Type: boolean Change Status: Added Change Status: Added Change Status: Added Office suite) Data Type: string(50) Change Status: Added Office suite Change Status: Modified Office suite Change Status: Modified Change Sta		
	Attribute: V	/ersion (version	on)				Change Status: Modified 🙆
	Description:	Version informa	ation associated with the	configuration item	(software, hardware, etc	c).	
	Scope:		BDM		Previous Name:	software_versi	on
~! T-	- · Im - 4 · · · ·	(i.e4					Change Status Madified
		on (instruction					Change Status: Modified (△)
Scope:		M event system j			Previous Name:		
Parent:			iguration (configuration)		ricvious Ivalile.		

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Qualifiers:

Scope:

Added: DDM ID ATTRIBUTE

BDM

CI Type: Interface (interface) Change Status: Modified @ Description: Describes a logical interface (Note: This is NOT a physical interface card) that supports various data link layer and other higher layer protocols such as tunnels, mpls, frame, atm etc. Qualifiers: Added: RANDOM GENERATED ID CLASS Scope: **BDM** Previous Name: Parent: NodeElement (node_element) Attribute: AdminStatus (interface admin status) Change Status: Added 📀 Description: Scope: **CMS** Data Type: interfaceindex status enum Attribute: InterfaceAlias (interface_alias) Change Status: Added Q This is an alias string set up for the network interface by network device administrators. The alias is a more descriptive name for the interface and is well understood by the network administrators. Qualifiers: Added: DDM ID ATTRIBUTE Scope: **BDM** Data Type: string(256) Attribute: InterfaceIndex (interface index) Change Status: Added 💚 The index of the network interface. A node will have many interfaces and each interface has an index value which is unique on that node. Some types of devices tend to reindex themselves upon a reboot even though there are no configuration or other changes on those interfaces. This means the same interface will have a different index after a reboot. Qualifiers: Added: DDM ID ATTRIBUTE Scope **BDM** Data Type: integer Attribute: InterfaceName (interface name) Change Status: Added 💚 This attribute is the name automatically assigned by a device to a network interface. Sometimes it is unique per device and sometimes not. It depends upon the device type. Qualifiers: Added: DDM ID ATTRIBUTE BDM Data Type: string(256) Scope: Change Status: Added 📀 Attribute: OperationalStatus (interface_operational_status) Description: CMS Data Type: interfaceindex_status_enum Scope: Attribute: InterfaceRole (interface role) Change Status: Added 💚 Description: The roles available in an Interface. **BDM** Data Type: string list Scope: Change Status: Added 📀 Attribute: InterfaceSpeed (interface speed) Description: The configured speed of a network interface. The speed value is in bits per second. Qualifiers: Added: DDM ID ATTRIBUTE Scope BDM Data Type: long Change Status: Added 📀 Attribute: InterfaceType (interface_type) Description: The type of the protocol running on an interface. Added: DDM ID ATTRIBUTE Qualifiers: Scope: **BDM** Data Type: interfaceindex_type_enum(256) Attribute: MacAddress (mac address) Represents the entities MAC address. In computer networking, a Media Access Control address (MAC address) is a unique identifier assigned to most network adapters or network interface cards (NICs) by the manufacturer for identification, and used in the Media Access Control protocol sublayer.

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Data Type:

string(50)

•						ounicu 🧃
Qualifiers.						
Scope:		BDM				
Attribute: lı	nterfaceDescri	iption (interface_description)		Change Status: M	odified (
Description: Qualifiers:		•	reported by the dev	rice. This is not a	a user specified description.	
Scope:		BDM				
Attribute: I	nterface MAC	Address (interface_macaddr	·)		Change Status: M	odified (
Description: Qualifiers:	value contained Added: HIDDEN	by this object. we get the macad NATTRIBUTE				nat of the
Scope:	Removed: ID_A	CMS				
Attribute: N	lame (name)				Change Status: M	odified (
	idilio (lidilio)				enange etateen	
Scope:		BDM				
Attribute: C	Container (root	t container)			Change Status: M	odified (
Description: Qualifiers:	Added: DDM_ID	_ATTRIBUTE				
Scope:	_	CMS				
e: internalio	l (internalid)				Change Status: M	odified (
	. ()					46
	CMS		Previous	Name:		
	Confi	iguration (configuration)				
					Change Status: M	
e: lpAddres	s (ip_address)			Onango Cialao. W	odified 🄇
•		•	ode on the network.	An IP Address ca	<u> </u>	-
tion: This cl	ass represents th	ne logical network identifier of a no			<u> </u>	-
otion: This cl	ass represents the	ne logical network identifier of a no			an represent either an IPv4 or an IPv6 add	ess.
otion: This cl	BDM DAddressProp Specifies the privaddresses (virtual)	ne logical network identifier of a no nerty (ip_address_property) operties of an IP Address, as know all interfaces on a device for comm	Previous	Name:	an represent either an IPv4 or an IPv6 add ip Change Status: as Properties supports the notion of loopba	Added C
otion: This cl	BDM DAddressProp Specifies the privaddresses (virtual)	ne logical network identifier of a no nerty (ip_address_property) operties of an IP Address, as know all interfaces on a device for comm	Previous vn by NNMi. Curren	Name: tly, the IP Addres) and anycast (lo	an represent either an IPv4 or an IPv6 add ip Change Status: as Properties supports the notion of loopba	Added C
Attribute: Ip Description: Scope:	ass represents the BDM DAddressProp Specifies the preaddresses (virtue network configuents)	ne logical network identifier of a not need to be a need	Previous vn by NNMi. Curren	Name: tly, the IP Addres) and anycast (lo	change Status: See Properties supports the notion of loopba popback addresses used for routers in multiple and in the second se	Added (ck -cast
Attribute: Ip Description: Scope: Attribute: Ip	ass represents the BDM DAddressProp Specifies the properties of the BDM DAddressType The type of the	ne logical network identifier of a not neerty (ip_address_property) operties of an IP Address, as known in interfaces on a device for common rations). BDM e (ip_address_type) IP Address (e.g. IPv4, IPv6)	Previous vn by NNMi. Curren	Name: tly, the IP Addres) and anycast (lo	an represent either an IPv4 or an IPv6 add ip Change Status: as Properties supports the notion of loopba appback addresses used for routers in mult ip_address_property_enum	Added (ck -cast
Attribute: InterfaceDescription (Interface_description) Change Description: This is the description on the network interface as reported by the device. This is not a user specified description. Qualifiers: Added: DDM_ID_ATTRIBUTE Scope: BDM Attribute: Interface MAC Address (Interface_macaddr) Description: The interfaces address at its protocol such-layer. The interfaces media-specific MIB must define the bit and byte ordering value contained by this object. Qualifiers: Added: HIDDEN_ATTRIBUTE Scope: CMS Attribute: Name (name) Description: Scope: BDM Attribute: Container (root_container) Description: Container Cl of this Cl Qualifiers: Added: DDM_ID_ATTRIBUTE Removed: D_ATTRIBUTE Scope: CMS Attribute: Container (root_container) Description: Container Cl of this Cl Qualifiers: Added: DDM_ID_ATTRIBUTE Scope: CMS Previous Name: Change Description: Container Cl of this Cl Qualifiers: Added: DDM_ID_ATTRIBUTE Scope: CMS Previous Name: Change Description: This class represents the logical network identifier of a node on the network. An IP Address can represent either an IP-v4 or an addresses (interfaces on a device for communication purposes) and anycast (loopback addresses used for route network ordingurations). Attribute: IpAddressProperty (ip_address_property) Description: Specifies the properties of an IP Address, as known by NNM. Currently, the IP Address Properties supports the notion addresses (virtual interfaces on a device for communication purposes) and anycast (loopback addresses used for route network ordingurations). Scope: BDM Data Type: ip_address_Property_en Attribute: IpAddressType (ip_address_type) Description: This propesents the value of an IP-v4 or IPv6 address. Both IPv6 address values are kept in an IPv6 address. Soph address some are proported in an IPv6 address ordinates as as port the qualifier in the IPv6 address rought as as as port the qualifier in the IPv6 address rought as as as port the qualifier in the IPv6 address ordinates as as port the qualifier in th	change Status: See Properties supports the notion of loopba popback addresses used for routers in multip_address_property_enum Change Status:	Added (ck -cast				
Attribute: Ip Description: Scope: Attribute: Ip Description: Qualifiers: Scope:	ass represents the BDM DAddressProp Specifies the proposed service of the proposed service of the Added: STATIC	ne logical network identifier of a not neerty (ip_address_property) operties of an IP Address, as known in interfaces on a device for common rations). BDM e (ip_address_type) IP Address (e.g. IPv4, IPv6) BDM	Previous vn by NNMi. Curren nunication purposes Data	Name: tly, the IP Addres) and anycast (lo	change Status: See Properties supports the notion of loopba popback addresses used for routers in multip_address_property_enum Change Status:	Added (ck -cast
Attribute: In Description: Scope: Attribute: In Description: Qualifiers: Scope: Default Value	ass represents the BDM DAddressProp Specifies the properties of the Added: STATIC et.	ne logical network identifier of a not neerty (ip_address_property) operties of an IP Address, as known all interfaces on a device for common rations). BDM e (ip_address_type) IP Address (e.g. IPv4, IPv6) BDM IPv4	Previous vn by NNMi. Curren nunication purposes Data	Name: tly, the IP Addres) and anycast (lo	change Status: See Properties supports the notion of loopba popback addresses used for routers in multip_address_property_enum Change Status:	Added Cki-cast
Attribute: Ip Description: Scope: Attribute: Ip Description: Qualifiers: Scope: Default Value Attribute: Ip	ass represents the BDM DAddressProp Specifies the proposed service of the proposed service of the AddressType The type of the Added: STATIC DAddressValue This represents addresses are roughly a	ne logical network identifier of a not neerty (ip_address_property) operties of an IP Address, as known all interfaces on a device for common rations). BDM e (ip_address_type) IP Address (e.g. IPv4, IPv6) BDM IPv4 e (ip_address_value) the value of an IPv4 or IPv6 addresnapped to IPv6 address format as	Previous vn by NNMi. Curren nunication purposes Data Data Data ess. Both IPv6 and as per the guideline Note: The lov6 addr	Name: tly, the IP Addres) and anycast (lo Type: Type: IPv4 address val es in http://www.icesses are fully si	change Status: ip Change Status: is Properties supports the notion of loopbase popback addresses used for routers in multip_address_property_enum Change Status: ip_address_type_enum Change Status: ues are kept in an IPv6 address format. IF	Added Added Added

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Universal CMDB Change Status: Modified @ Attribute: AuthoritativeDnsName (authoritative_dns_name) Description: This is the authoritative DNS name for an IP address. This name will distinguish it from the aliases assigned to the IP address. Qualifiers: Added: STATIC **BDM** Previous Name: Scope: ip_dnsname Attribute: IP Address (ip_address) Change Status: Modified @ Description: The ip address Qualifiers: Added: HIDDEN_ATTRIBUTE, CALCULATED_ATTRIBUTE Removed: ID_ATTRIBUTE Scope: CMS Change Status: Modified (0) Attribute: IP Network Mask (ip_netmask) Description: The mask of the network this ip is a member in Added: COMPARABLE Scope CMS Attribute: Name (name) Change Status: Modified @ Description: Added: ID_ATTRIBUTE, STATIC Qualifiers: **BDM** Scope: Change Status: Modified 🔕 Attribute: RoutingDomain (routing_domain) This is a continuous region of an IP network within which routing is possible without any intervening Network Address Translation (NAT) devices.The literal "\$DefaultDomain" should be used if the routing domain is unknown, unspecified, or known to be the default domain. Qualifiers: Added: STATIC, COMPARABLE **BDM** Previous Name: ip_domain Scope: CI Type: IpServiceEndpoint (ip_service_endpoint) Change Status: Modified @

Represents any kind of a network service end point based on a variety of protocols such as UDP or TCP or more specific ones such as SMTP, SNMP etc. The class describes the IP address and network port a service end point is bound to and the type of protocol it uses to expose an Description: end point.

Scope: **BDM** Previous Name: ipserver

Parent: CommunicationEndpoint (communication endpoint)

Attribute: BoundTolpAddressType (bound_to_ip_address_type) Change Status: Added 📀

Description: The type of the IP Address (e.g. IPv4, IPv6)

Qualifiers: Added: STATIC

BDM Data Type: Scope: ip_address_type_enum

Default Value: IPv4

Attribute: PortType (port_type)

Attribute: IpServiceName (ip_service_name)

Description: The well known name for the protocol service available over TCP or UDP over IP.

Qualifiers: Added: STATIC, COMPARABLE

Scope: **BDM** Data Type: string(100)

Description: This is the port type protocol active on a service access point. For example udp or tcp

Qualifiers: Added: ID_ATTRIBUTE, STATIC, COMPARABLE

Scope: **BDM** Data Type: ipprotocol_type_enum

Attribute: BoundTolpAddress (bound_to_ip_address)

This attribute represents the IP Address to which a UDP/TCP service is bound. Typically, a service is bound to one specific IP address or all of the IP addresses on the system. In case of a service bound to all of the IP addresses on the system the value of "IPv6 mapped

Change Status: Added 📀

Change Status: Added 🥥

Change Status: Modified <a>O

0.0.0.0" will be used to represent that binding.

Qualifiers: Added: ID ATTRIBUTE, STATIC

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Scope **BDM** Previous Name: ip address Attribute: Address Type (ipport_type) Change Status: Modified @ Description: Port type tcp, udp or url Added: HIDDEN ATTRIBUTE Qualifiers: Removed: ID_ATTRIBUTE Scope: **CMS** Attribute: Service Address (ipserver_address) Change Status: Modified @ Description: TCP/IP address or URL Qualifiers: Removed: ID_ATTRIBUTE Scope: CMS Change Status: Modified 🔕 Attribute: Name (name) Description: Qualifiers: Removed: STATIC, COMPARABLE Scope: **BDM** Change Status: Modified 🙆 Attribute: NetworkPortNumber (network_port_number) Description: This is the TCP/UDP port number to which a network service binds Added: ID ATTRIBUTE, STATIC **BDM** ipport_number Scope: Previous Name: Change Status: Modified @ Attribute: Container (root container) Description: Container CI of this CI Qualifiers: Added: ID_ATTRIBUTE Scope: CMS Change Status: Modified (1) CI Type: IpSubnet (ip_subnet) Description: This class represents an IP subnet in a network. The network could be an IPv4 or an IPv6 network. An instance of this class will exists for each IP subnet in a routing domain. Added: RANDOM_GENERATED_ID_CLASS Qualifiers: Scope: **BDM** Previous Name: network Attribute: IpAddressType (ip_address_type) Change Status: Added 💚 Description: The type of the IP Address (e.g. IPv4, IPv6) **BDM** Data Type: ip_address_type_enum Scope: Default Value: IPv4 Change Status: Added 📀 Attribute: IpAddressValue (ip_address_value) Description: This represents the value of an IPv4 or IPv6 address. Both IPv6 and IPv4 address values are kept in an IPv6 address format. IPv4 addresses are mapped to IPv6 address format as as per the guidelines in http://www.ietf.org/rfc/rfc4291.txt. Examples: *
ABCD:EF01:2345:6789:ABCD:EF01:2345:6789 *Note: The Ipv6 addresses are fully specified, simplification rules (like omitting leading zeros or dropping parts of the address by using '::' will not be applied). **BDM** Scope: Data Type: string Change Status: Added 📀 Attribute: IpPrefixLength (ip_prefix_length) Description: The prefix length is the number of contiguous bits that are turned on in any IP address be it a subnet address or just an IP address. Qualifiers: Added: DDM_ID_ATTRIBUTE **BDM** Scope: Data Type: integer Change Status: Modified @ Attribute: Name (name) Description: Qualifiers: Added: DDM_ID_ATTRIBUTE **BDM** Scope:

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Universal CMDB Change Status: Modified @ Attribute: Network Mask (network_netmask) Description: The value of the mask is an IP address with all the network bits set to 1 and all the hosts bits set to 0. Qualifiers: Removed: ID_ATTRIBUTE Scope: Change Status: Modified (1) Attribute: Routing Domain (routing domain) Description: This is a continuous region of an IP network within which routing is possible without any intervening Network Address Translation (NAT) devices. The literal "\$DefaultDomain" should be used if the routing domain is unknown, unspecified, or known to be the default domain. Qualifiers: Added: DDM_ID_ATTRIBUTE Removed: ID_ATTRIBUTE Previous Name: network domain Scope: **BDM** CI Type: J2EE SAP Central Services (j2ee_sap_central_services) Change Status: Modified @ AS J2EE instance of an SAP system containing the enqueue server and the message server (AS = Application Server, ASCS = ABAP SAP Central Services). There can only be one such instance in the SAP system. Qualifiers: Added: RANDOM GENERATED ID CLASS Scope: **CMS** Previous Name: Attribute: DiscoveredProductName (discovered product name) Change Status: Modified (Description: Default Value: SAP J2EE Central Services Scope: CMS Change Status: Modified @ Attribute: ProductName (product name) Description: The name of the software product which could be a Database (e.g., Oracle, Sybase), and Application Server (e.g., JBoss, WebLogic), a Web Server (e.g., Apache, SunOne), etc. Default Value: Scope: **BDM** j2ee_sap_central_services Change Status: Modified @ CI Type: J2EE Application (j2eeapplication) J2EE application - is a deployable unit of J2EE functionality Key Attributes: 1. Name (data_name) - A unique name that identifies application in Description: the J2EE domain. 2. Container (root_container) - The relevant J2EE Domain Scope: Previous Name: Attribute: J2EE Application Full Path (j2eeapplication_fullpath) Change Status: Modified (0) Description: The path to the source of the application unit on the Administration Server. Qualifiers: Added: STATIC Scope: **CMS** CI Type: J2EE Cluster (j2eecluster) Change Status: Modified (0) Description: Cluster of Java EE Servers that provides high availability, scalability and fault tolerance services Added: DOCUMENTED Qualifiers: CMS Previous Name: Scope: Attribute: J2EE Cluster Address (j2eecluster clusteraddress) Change Status: Modified 🙆 Description: The address that forms a portion of the URL a client uses to connect to this cluster. Qualifiers: Added: STATIC Scope: CMS Attribute: J2EE Cluster Name (j2eecluster_clustername) Change Status: Modified <a>O Description: The name of J2EE cluster. Added: STATIC Qualifiers: Scope: CMS Change Status: Modified (0) Attribute: J2EE Cluster Algorithm (j2eecluster_defaultloadalgorithm)

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Description: The algorithm to be used for load-balancing(round-robin, weight-based, etc.).

Added: STATIC, COMPARABLE

CMS

Qualifiers:

Scope:

	Attribute:	J2EE Cluster M	lulticast Address (j2eecluster_multio	castaddress)		Change Status: Modified 🔕
			ddress used by cluster members to commur			
	Qualifiers:	Added: STATIC				
	Scope:		CMS			
	Attribute: I	Name (name)				Change Status: Modified 🙆
	Description:					
	Qualifiers:	Added: STATIC	, DOCUMENTED			
	Scope:		BDM			
	Attribute: (Container (root	_container)			Change Status: Modified 🙆
		Container CI of				
	Qualifiers:	Added: DOCUM				
	Scope:		CMS			
СІ Ту	pe: J2EE De	ployed Object	(j2eedeployedobject)			Change Status: Modified 🙆
Descr	ription: j2ee o	deployed object				
Scop	e:	CMS		Previous Name:		
	Attribute: .	J2EE Deployed	Object Server Name (j2eedeployed	obiect servername)		Change Status: Modified 🙆
		Server Name	,			
	Qualifiers:					
	Scope:		CMS			
	Attribute: I	Name (name)				Change Status: Modified 🔕
	Description:					
	Qualifiers:	Added: STATIC	, COMPARABLE			
	Scope:		BDM			
CI Ty	pe: J2EE Do	main (j2eedom	nain)			Change Status: Modified 🔕
			f Java EE resources (i.e. servers, clusters, a	application components, etc.)		
Qualit	fiers: Added	d: DOCUMENTED	D, RANDOM_GENERATED_ID_CLASS, DE	DM_ID_PER_TRIGGER, DDM_	REQUIRED_TOP	OLOGY
Scop	e:	CMS		Previous Name:		
	Attribute: I	Name (name)				Change Status: Modified 🔕
	Description:					
	Qualifiers:	Added: STATIC Removed: ID A	, DOCUMENTED, DDM_ID_ATTRIBUTE TTRIBUTE, COMPARABLE			
	Scope:	_	BDM	Previous Name:	data_name	
		Vendor (vendo	•			Change Status: Modified 🙆
	Qualifiers:		nufacturer name ofa software, host, or elementer (COMPARABLE)	ent		
	Scope:		BDM			
	•		(j2eemanagedobject)			Change Status: Modified 🙆
	•	I class to all j2ee r		Descious Nomes		
Scop	С.	CMS		Previous Name:		
	Attribute: 、	J2EE Managed	Object Context Root (j2eemanaged	object_contextroot)		Change Status: Modified 🙆
	Description: Qualifiers:	context root nan Added: STATIC	ne			
	Scope:	Added. STATIC	CMS			
	осорс.		JJ			

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Attribute: J2EE Managed Object Data Source Name (j2eemanagedobject_datasourcename)

Description: data source name Added: STATIC Qualifiers:

CMS Scope:

Attribute: J2EE Managed Object JNDI Name (j2eemanagedobject_jndiname)

Change Status: Modified @

Change Status: Modified @

Qualifiers: Added: STATIC

CMS Scope:

Attribute: J2EE Managed Object Name (j2eemanagedobject_objectname)

Change Status: Modified (0)

Description: object name Qualifiers: Added: STATIC

CMS Scope:

Attribute: Name (name)

Change Status: Modified (

Description:

Qualifiers: Added: STATIC, COMPARABLE

Scope: **BDM**

CI Type: J2EE Server (j2eeserver)

Change Status: Modified @

Description: The J2EE server identifies the server core of one instance of a J2EE platform product as described in the Java 2 Enterprise Edition Platform

specification.

Qualifiers: Added: RANDOM GENERATED ID CLASS, DOCUMENTED

Scope: Previous Name:

Parent: ApplicationServer (application server)

Attribute: AdministrationDomain (administration domain)

Change Status: Modified @

Change Status: Modified (0)

Change Status: Modified @

Description: This attriute includes the name of an administration domain. An administration domain is formed by a group of managed systems that are administered similarly, either by the same user, group of users, or policy.

Qualifiers: Added: DOCUMENTED

Scope: **BDM**

Attribute: J2EE Server Listen Address (j2eeserver_listenadress)

Description: The IP address this server uses to listen for incoming connections.

Qualifiers: Removed: STATIC

CMS Scope:

Attribute: Protocol (j2eeserver_protocol)

Description: Indicates the type of communication protocol:http or https

Qualifiers: Added: STATIC, COMPARABLE

Scope: CMS

Attribute: J2EE Server Name (j2eeserver_servername)

Change Status: Modified <a>O

Description: J2EE Server Name used to identify server instance.

Added: HIDDEN ATTRIBUTE Qualifiers:

Removed: ID_ATTRIBUTE

Scope: CMS

Attribute: J2EE Server SSL Port (j2eeserver_sslport)

Change Status: Modified @

Description: The TCP/IP port at which this server listens for SSL connection requests.

Qualifiers: Added: STATIC, COMPARABLE

Scope: CMS

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Scope:

CMS

Attribute: J2EE Server Vendor (j2eeserver_vendor) Change Status: Modified @ Description: The vendor of the server Added: HIDDEN_ATTRIBUTE Qualifiers: Removed: STATIC Scope: CMS Attribute: J2EE Server Version (j2eeserver_version) Change Status: Modified 🙆 Description: The version of the J2EE server Removed: STATIC, COMPARABLE Qualifiers: CMS Scope: Attribute: Name (name) Change Status: Modified (0) Description: Qualifiers: Added: DOCUMENTED Scope: **BDM** Attribute: Container (root container) Change Status: Modified @ Description: Container CI of this CI Qualifiers: Added: DOCUMENTED Scope: CMS CI Type: JBoss AS (jbossas) Change Status: Modified @ Description: The Jboss Application Server Added: RANDOM_GENERATED_ID_CLASS Qualifiers: Scope: **CMS** Previous Name: Change Status: Modified @ CI Type: JDBC Data Source (jdbcdatasource) Represents JDBC connector to data source. JDBC Data Source provides database connectivity through a pool of JDBC connections Description: Qualifiers: Added: DOCUMENTED Scope: CMS Previous Name: Attribute: Connection Pool Delay (jdbcdatasource_connectiondelaytime) Change Status: Modified 🙆 Description: The number of seconds after which a call to reserve a connection from the connection pool will timeout. Qualifiers: Added: STATIC, COMPARABLE Scope: CMS Change Status: Modified 🔕 Attribute: Database name (jdbcdatasource_databasename) Description: The name of the database related to the datasource. Qualifiers: Added: STATIC CMS Scope: Change Status: Modified (0) Attribute: JDBC Data Source Is Transaction (jdbcdatasource_istransaction) Description: Qualifiers: Added: STATIC, COMPARABLE Scope: CMS Change Status: Modified @ Attribute: J2EE Managed Object JNDI Name (jdbcdatasource_indiname) Description: jndi name Qualifiers: Added: STATIC

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Attribute: J2EE Managed Object Name (jdbcdatasource_objectname) Change Status: Modified @ Description: object name Added: STATIC Qualifiers: CMS Scope: Change Status: Modified 🔕 Attribute: JDBC Data Source Pool Name (jdbcdatasource_poolname) Description: JDBC Data Source Connection Pool Name Qualifiers: Added: COMPARABLE CMS Scope: Attribute: Name (name) Change Status: Modified @ Description: Qualifiers: Added: DOCUMENTED, COMPARABLE Scope: **BDM** Change Status: Modified (0) Attribute: Container (root_container) Description: Container CI of this CI Qualifiers: Added: DOCUMENTED Scope: CI Type: JMS Data Store (jmsdatastore) Change Status: Modified 🔕 Description: jms server data store CMS Previous Name: Scope: Change Status: Modified @ Attribute: JMS Data Store Pool Name (jmsdatastore_poolname) Description: jms data store jdbc connection pool name Qualifiers: Added: STATIC Scope: **CMS** Change Status: Modified @ Attribute: Name (name) Description: Qualifiers: Added: COMPARABLE **BDM** CI Type: JMS Destination (jmsdestination) Change Status: Modified (0) Description: jms destination Scope: CMS Previous Name: Change Status: Modified @ Attribute: JMS Destination Type (jmsdestination_type) Description: is it JMSTopic or JMSQueue Qualifiers: Added: STATIC, COMPARABLE Scope: CMS Attribute: Name (name) Change Status: Modified @ Description: Qualifiers: Added: COMPARABLE Scope: **BDM** Change Status: Modified @ CI Type: job (job) Description: An executable task at MAM scheduler **CMS** Scope: Previous Name: Parent: Configuration (configuration)

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CI Type: JVM (jvm) Change Status: Modified @ Description: Key Attributes: 1. Name (data_name) - JVM 2. Container (root_container) - The container Software Element Scope: CMS Previous Name: Attribute: JVM Initial Heap Size (jvm_initialheapsize) Change Status: Modified @ Description: Initial Heap Size Qualifiers: Added: COMPARABLE Scope: **CMS** Attribute: JVM Maximal Heap Size (jvm_maximumheapsize) Change Status: Modified @ Description: Maximal Heap Size Qualifiers: Added: COMPARABLE CMS Scope: Attribute: JVM OS Name (jvm_osname) Change Status: Modified @ Description: Operating system on which the JVM is running Qualifiers: Removed: STATIC CMS Scope: Attribute: JVM OS Version (jvm_osversion) Change Status: Modified @ Description: Operating system version on which the JVM is running Removed: STATIC Qualifiers: Scope: **CMS** Change Status: Modified (0) CI Type: key (key) Description: Scope: CMS Previous Name: Parent: Configuration (configuration) CI Type: Kpi (kpi) Change Status: Modified @ Description: Key Performance Indicators are quantifiable measurements that reflect the critical success factors of an organization. Qualifiers: Removed: ABSTRACT CLASS BDM Previous Name: Scope: Parent: Managed Object (managed_object) Attribute: KpiName (kpi_name) Change Status: Modified (0) Description: KPI name or type (i.e. Availability, Performance, Compliance, etc.) Scope: Change Status: Modified (CI Type: Load Balancer (lb) Description: Load Balancer device Qualifiers: Added: RANDOM_GENERATED_ID_CLASS Scope: CMS Previous Name: CI Type: Load balancer software (lb_software) Change Status: Modified @ Description: Abstract class for all Load balancers software Qualifiers: Added: RANDOM_GENERATED_ID_CLASS CMS Previous Name: Scope: Change Status: Modified (0) CI Type: License Server (license_server) Description: Represents the License Server software Qualifiers: Added: RANDOM_GENERATED_ID_CLASS Scope: **CMS** Previous Name:

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Description:

Universal CMDB Change Status: Modified 🙆 CI Type: Licenses Management Software (licenses_management_software) Description: License Management Software Key Attributes: 1. Name (data_name) - Name of Licenses Management Software 2. Container (root_container) Software's container, usually a Host Qualifiers: Added: RANDOM GENERATED ID CLASS Scope: CMS Previous Name: CI Type: LogicalVolume (logical_volume) Change Status: Modified 0 Description: A region of storage on which a FileSystem can be created **BDM** Previous Name: logicalvolume Scope: CI Type: Mainframe Logical Partition (Ipar) Change Status: Modified <a>O Mainframe Ipar Qualifiers: Added: RANDOM_GENERATED_ID_CLASS Previous Name: Scope: CMS Change Status: Modified 🔕 CI Type: Mainframe (mainframe) Description: Main computer which can serve many users Qualifiers: Added: RANDOM_GENERATED_ID_CLASS CMS Previous Name: Scope: Change Status: Modified 0 CI Type: Managed Relationship (managed_relationship) Description: All managed relationships Previous Name: it_world_links Scope: Change Status: Modified (2) CI Type: map layer (maplayer) Description: map layer Previous Name: CMS Scope: Parent: Configuration (configuration) Change Status: Modified (a) CI Type: Marconi ATM Switch (marconiatmswitch) the atmswitch class represents a network element that his oid represent an marconiatmswitch Description: Qualifiers: Added: RANDOM GENERATED ID CLASS Scope: CMS Previous Name: CI Type: Membership (membership) Change Status: Modified (0) Description: Scope: **BDM** Previous Name: member Parent: Aggregation (aggregation) CI Type: messagecatalog (messagecatalog) Change Status: Modified 🙆 Description: Scope: Previous Name: Parent: Configuration (configuration) Change Status: Modified 🙆 CI Type: MessagingServer (messaging_server)

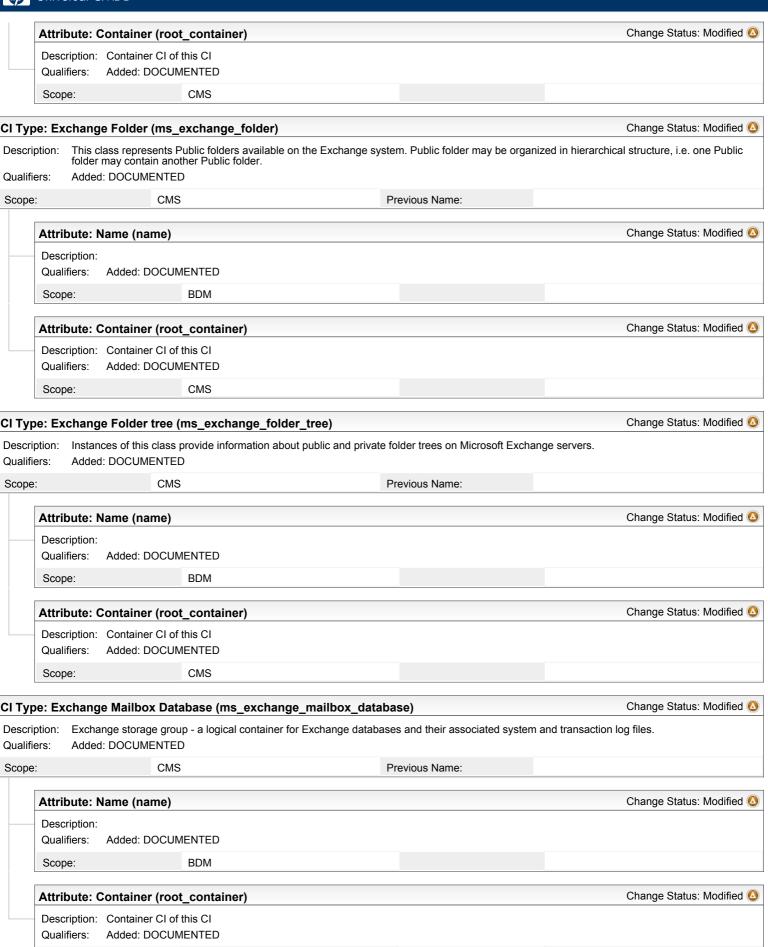
distributed over multiple heterogeneous platforms. It reduces the complexity of developing applications that span multiple operating systems and network protocols by insulating the application developer from the details of the various operating system and network interfaces. Qualifiers: Added: RANDOM_GENERATED_ID_CLASS

A client/server infrastructure that increases the interoperability, portability, and flexibility of an application by allowing the application to be

Scope **BDM** Previous Name:

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CMS

Scope:

CI Type: Exchange role (ms_exchange_role) Change Status: Modified @ Role of exchange server in global scope. One exchange server can have several roles. Server roles allow an administrator to split the functions Description: of an Exchange server and place each role, or a combination of roles, on different servers in the organization. This type is a common super-type for specific roles, which are: - Edge Transport - Hub Transport - Client Access - Mailbox - Unified Messaging Qualifiers: Added: DOCUMENTED Scope: **CMS** Previous Name: Attribute: Name (name) Change Status: Modified (0) Description: Qualifiers: Added: DOCUMENTED **BDM** Scope: Change Status: Modified @ Attribute: Container (root_container) Description: Container CI of this CI Qualifiers: Added: DOCUMENTED Scope: **CMS** CI Type: MicrosoftExchangeServer (ms_exchange_server) Change Status: Modified @ Description: This class represents Microsoft Exchange server software installed on some host. Added: RANDOM GENERATED ID CLASS, DOCUMENTED Qualifiers: Scope: CMS Previous Name: Parent: MailServer (mail server) Attribute: Name (name) Change Status: Modified <a>O Description: Qualifiers: Added: DOCUMENTED Scope: **BDM** Change Status: Modified @ Attribute: Container (root container) Description: Container CI of this CI Qualifiers: Added: DOCUMENTED Scope: CMS Change Status: Modified 🙆 CI Type: Exchange Storage Group (ms_exchange_storage_group) Description: Exchange storage group - a logical container for Exchange databases and their associated system and transaction log files. Qualifiers: Added: DOCUMENTED Scope: CMS Previous Name: Change Status: Modified (0) Attribute: Name (name) Description: Qualifiers: Added: DOCUMENTED BDM Scope: Change Status: Modified @ Attribute: Container (root_container) Description: Container CI of this CI Qualifiers: Added: DOCUMENTED Scope: CMS Change Status: Modified @ CI Type: MS Cluster (mscluster) Microsoft cluster server provides a clustering technology that keeps server-based applications available, regardless of individual component Description: Added: RANDOM_GENERATED_ID_CLASS, DOCUMENTED, DDM_REQUIRED_TOPOLOGY Qualifiers: Scope: **CMS** Previous Name:

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Change Status: Modified @ CI Type: MSMQ Manager (msmqmanager) Description: Microsoft Message Queue Mannager Qualifiers: Added: RANDOM_GENERATED_ID_CLASS

Scope: CMS Previous Name: CI Type: MySQL (mysql) Change Status: Modified 🔕

Description: MySQL database

Added: RANDOM_GENERATED_ID_CLASS Qualifiers:

Removed: ID_ATTRIBUTE

Previous Name: Scope: **CMS**

CI Type: Net Device (netdevice)

Description: The Net Device class represents a specific purpose machines such as Routers, Switches, Printers

Qualifiers: Added: RANDOM_GENERATED_ID_CLASS

Scope: **CMS** Previous Name:

Change Status: Modified 🙆 CI Type: Net Printer (netprinter)

Change Status: Modified @

Change Status: Modified <a>O

Change Status: Modified @

Change Status: Modified (0)

Change Status: Modified @

Description: A printer device, which serves the network's users Qualifiers: Added: RANDOM_GENERATED_ID_CLASS

Scope: CMS Previous Name:

CI Type: NetworkEntity (network_entity) Base class for classes representing cross device network objects such as Vlan and Subnet.

Qualifiers: Added: ABSTRACT CLASS

Scope: **BDM** Previous Name: networkresource

Change Status: Modified @ Attribute: Name (name)

Description:

Qualifiers: Added: STATIC

Scope: **BDM**

CI Type: NLB Cluster Software (nlb_clustersoftware)

Description: Represents the Microsoft NLB Software Added: RANDOM_GENERATED_ID_CLASS Qualifiers:

CMS Previous Name: Scope:

Attribute: ClusterIPAddress (cluster_ip_address)

Added: HIDDEN_ATTRIBUTE Removed: ID_ATTRIBUTE Qualifiers:

Scope: CMS

Description: Cluster IP Address

Attribute: Name (name)

Description:

Qualifiers: Removed: ID_ATTRIBUTE

Scope: **BDM**

CI Type: Node (node) Change Status: Modified @

The Node class represents a general purpose machine (i.e., computer). This also is a base class from which all the other classes representing Description: devices such as virtual machines will inherit. Machines are typically reachable via the network but there are times when users model a machine

even when it is not reachable via the network. Examples of machines include UNIX/Windows systems, switches, routers, firewalls etc.

Qualifiers: Added: RANDOM_GENERATED_ID_CLASS

Scope: **BDM** Previous Name: host

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Attribute: Bio	sSerialNumb	per (bios_serial_number)			Change Status: Added 🥥
Description: A	manufacturer s	specified serial number or unique ID of th	e BIOS.		
Scope:		BDM	Data Type:	string(500)	
Attribute: Cal	culatedLoca	tion (calculated_location)			Change Status: Added 🥝
Description:					
Scope:		CMS	Data Type:	string(250)	
Attribute: Det	faultGateway	lpAddress (default_gateway_ip_a	ddress)		Change Status: Added 🥥
Description: T	his is the IP add	dress of the default router for a given devutes are defined for a destination.	•	y device as the next hop	-
Scope:		BDM	Data Type:	string(50)	
Attribute: Def	faultGateway	lpAddressType (default_gateway_	_ip_address_type)		Change Status: Added 🥥
Description: T	he type of the II	P Address of the default gateway (e.g. IP	v4, IPv6)		
Scope: Default Value:		BDM IPv4	Data Type:	ip_address_typ	e_enum
	and Com				Change Status: Added 🗸
		tact (discovered_contact)	at value as namentad by an C	NIMD areast as a decise.	
Description: R	epresents a dis ontainsspecific	scoverable contact infoe.g. the SysContact contact information.		-	wnichis often
Scope:		BDM	Data Type:	string(512)	
Attribute: Dis	coveredDesc	cription (discovered_description)			Change Status: Added 🥥
		coverable descriptione.g.the SysDescr vn about the device including its role.	alue reported by an SNMP a	agent on a device which	isoften contains some
Scope:		BDM	Data Type:	string(512)	
Attribute: Dis	coveredLoca	ation (discovered_location)			Change Status: Added 🥥
lo	cation info such	coverable location e.g.the SysLocation v	alue reported by an SNMP	agent on a devicewhich i	s oftenincludesspecific
	dded: STATIC				
Scope:		BDM	Data Type:	string(512)	
Attribute: Me	morySize (m	emory_size)			Change Status: Added 🥥
		ile memory (RAM, SRAM, DRAM, ZRAM COMPARABLE, ALLOW_VOLATILITY	, TRAM) in megabytes.		
Scope:		BDM	Data Type:	integer	
		net_bios_name)			Change Status: Added 🥥
cl	haracter denotir	ne is used by NetBios services running on ng the service. The NetBios name of a co n) but may also be completely different.	n a computer. It is combination imputer is usually the same	ion of a 15 character (by as the computer's host r	te) name and a 16th name (truncated to 15
Scope:		BDM	Data Type:	string	
Attribute: No	deFamily (no	de family)			Change Status: Added 🗸
		f the node/hardware/device as commonly	y advertised by the device ve	endor. For example C-C	ass, 6500Series etc.
Scope:		BDM	Data Type:	string(500)	
Attribute: No	deModel (no	de model)			Change Status: Added 🗸
Description: T		presents a specific model of a node/hardv	vare/device.		Enange Claude, Audust
Scope:		BDM	Data Type:	string(250)	
				J. ,	

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Change Status: Added 📀 Attribute: NodeRole (node_role) This describes all possible role a node can have such as router, switch, firewall, etc.. Users can also add additional capabilities to the Node on the fly for their own purposes. For example, they may want to identify a device as CPE (Customer Premise Equipment) and will add a capability called isCPE. Added: CONTRADICTION_GROUPS Qualifiers: Scope: BDM Data Type: string_list Change Status: Added 💟 Attribute: OsDescription (os_description) Thisattribute is used to describe the characteristics of the hardware/device operating system running ona node. This description can include detailed version and patch information **BDM** Scope: Data Type: string(500) Change Status: Added 📀 Attribute: OsFamily (os_family) Description: This attribute is a course grain descriptor for the operating system family. For example, Windows, Unix, etc **BDM** os_family_enum Scope: Data Type: Attribute: OsVendor (os_vendor) Change Status: Added 💚 Description: The name of the vendor of the operating system (e.g. Microsoft, HP, etc). Added: COMPARABLE, STATIC string Scope: **BDM** Data Type: Change Status: Added 📀 Attribute: SwapMemorySize (swap_memory_size) Description: Added: STATIC, COMPARABLE, ALLOW VOLATILITY Qualifiers: Scope: BDM Data Type: integer Attribute: SysObjecttld (sys_object_id) Change Status: Added 💚 Description: The system object identifier of the node if the node supports SNMP. **BDM** Data Type: string(250) Scope: Change Status: Added 💚 Attribute: Vendor (vendor) Description: The vendor/manufacturer name of asoftware, host, or element Added: STATIC Qualifiers: BDM Scope: Data Type: string Change Status: Modified @ Attribute: BiosAssetTag (bios_asset_tag) Description: Asset tag number of the Node, as defined by the DMTF SYMBIOS specification. RDM Scope: Previous Name: host_systemassettag Change Status: Modified @ Attribute: BiosUuid (bios_uuid) Description: A System Management BIOSidentifier that is designed to be unique across both time and space, and requires no central registration process. The UUID is 128 bits long. See the DMTF SYMBIOS Reference Specification for more details. **BDM** Previous Name: host biosuuid Scope: Change Status: Modified @ Attribute: DiscoveredModel (discovered_model) Description: The node model as determined during discovery (e.g. Proliant DL140 G2, VMware Virtual Platform, etc.) Qualifiers: Added: STATIC Scope: **BDM** Previous Name: host_model Attribute: DiscoveredOsName (discovered_os_name) Change Status: Modified @ Description: The operating system name as determined during discovery (e.g. Windows XP, Windows 2003, SunOS) Scope: **BDM** Previous Name: host_os

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Attribute: DiscoveredOsVendor (discovered_os_vendor)

Description: The operating system vendor name as determined during discovery (e.g. Windows, Sun Microsystems).

Added: STATIC Qualifiers:

BDM Previous Name: host_vendor Scope:

Attribute: DiscoveredOsVersion (discovered_os_version)

Description: The operating system version as determined during discovery.

RDM Previous Name: host osversion Scope:

Attribute: DiscoveredVendor (discovered_vendor)

Description: The node vendor name as determined during discovery (e.g. HP, VMware Inc., etc.)

Qualifiers: Added: COMPARABLE

Scope: **BDM** Previous Name: host_manufacturer

Attribute: Display Label (display_label)

Description: Used as calc attribute for display Qualifiers: Modified: CALCULATED ATTRIBUTE

Scope: **BDM**

Attribute: DomainName (domain_name)

This is the domain name of which the node is part of. Typically domains are used to structure entities because of organizational /

authorization oriented reasons. The domain name differs from the hostname in the way that the hostname is based on DNS, whereas the

DomainName is based on other kind of domains (yp, nis, AD).

Qualifiers: Added: COMPARABLE

BDM Previous Name: host osdomain Scope:

Attribute: Host Is Virtual (host_isvirtual)

Description: True value marks that the host is virtual

Qualifiers: Added: STATIC

CMS Scope:

Attribute: Host Key (host_key)

Unique string identifying the specific host (On complete hosts this value will hold the smallest MAC address of the host and on non-complete hosts this value will hold host_ip Probe name)

Added: DDM_ID_ATTRIBUTE Removed: ID_ATTRIBUTE Qualifiers:

Scope: CMS

Attribute: Host Boot Time (host_last_boot_time)

Description: Host last boot time

Qualifiers: Added: ALLOW_VOLATILITY

Removed: STATIC

Scope: CMS

Attribute: Host Operating System accuracy (host_osaccuracy)

Description: Operating System Model accuracy

Qualifiers: Removed: COMPARABLE

Scope:

Attribute: Host Operating System Installation type (host_osinstalltype)

Description: Host Operating System Installation type

Qualifiers: Added: STATIC

Scope: CMS

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Change Status: Modified @

Change Status: Modified @

Change Status: Modified @

Change Status: Modified (0)

Change Status: Modified (

Change Status: Modified @

Change Status: Modified @

Change Status: Modified 🙆

Change Status: Modified (0)

Change Status: Modified @

Attribute: Host Operating System Release (host_osrelease) Change Status: Modified @ Description: Operating System Release Qualifiers: Added: STATIC CMS Scope: Change Status: Modified (2) Attribute: Name (name) Description: BDM Scope: Change Status: Modified @ Attribute: PrimaryDnsName (primary_dns_name) Description: This attribute is a fully qualified dns domain name for a node (also known as DNS name). A node could have many IP addresses on it and some of those IP addresses are also private. So, selecting one DNS name for a node is a non-trivial task. This attribute will typically be populated by selecting one of the IP addresses on the node and resolving the DNS name for that address and then using it as the hostname for the node. Removed: HIDDEN_ATTRIBUTE Qualifiers: BDM Previous Name: host dnsname Scope: Change Status: Modified (0) Attribute: SerialNumber (serial_number) Description: A manufacturer specified serial number or unique ID for a product or element **BDM** host_serialnumber Scope: Previous Name: Attribute: SnmpSysName (snmp_sys_name) Change Status: Modified @ Description: This is name reported by a SNMP agent on a device. It is different from a DNS name. Qualifiers: Removed: STATIC Scope: BDM Previous Name: host_snmpsysname Change Status: Modified @ CI Type: NodeElement (node element) This class represents a logical or physical part of a Node. The element might be virtualized by a virtualization software. Examples: DiskDrive, Description: CPU, Blade, PhysicalPort, FileSystem, Process, InstalledSoftware Qualifiers: Added: ABSTRACT CLASS Scope: **BDM** Previous Name: hostresource Attribute: SerialNumber (serial number) Description: A manufacturer specified serial number or unique ID for a product or element Added: STATIC Qualifiers: Scope: BDM Data Type: string(100) Change Status: Modified @ Attribute: Name (name) Description: Qualifiers: Added: STATIC BDM Scope: Change Status: Modified (0) CI Type: Windows (nt) Host with Microsoft Operation system (NT). Description: Qualifiers: Added: RANDOM GENERATED ID CLASS Scope: CMS Previous Name: Change Status: Modified @ Attribute: Host Operating System accuracy (host_osaccuracy) Description: Operating System Model accuracy Qualifiers: Removed: STATIC, COMPARABLE Scope: CMS

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Qualifiers:

Added: RANDOM_GENERATED_ID_CLASS

Attribute: Windows Registered Owner (nt_registeredowner) Change Status: Modified @ Description: Registered owner Qualifiers: Added: STATIC CMS Scope: Change Status: Modified (0) Attribute: Windows Registered Organization (nt_registrationorg) Description: Registered organization Qualifiers: Added: STATIC Removed: COMPARABLE **CMS** Scope: Change Status: Modified @ Attribute: Windows Service Pack (nt_servicepack) Description: Service pack Qualifiers: Added: COMPARABLE CMS CI Type: NTCMD (ntcmd) Change Status: Modified @ Description: xcmd or pstools Added: RANDOM_GENERATED_ID_CLASS Qualifiers: CMS Previous Name: Scope: CI Type: Oracle (oracle) Change Status: Modified @ Description: Oracle database Qualifiers: Added: RANDOM_GENERATED_ID_CLASS Scope: **CMS** Previous Name: Change Status: Modified @ Attribute: File type (oracle_filetype) Description: sp/p-file Qualifiers: Added: STATIC, COMPARABLE Scope: **CMS** Attribute: Instance Number (oracle_instancenumber) Change Status: Modified <a>O Description: The oracle instance number (Relevant on RAC) Qualifiers: Added: STATIC Scope: Change Status: Modified 🔕 CI Type: Oracle TNS Listener (oracle_listener) Represents the Oracle TNS Listener Qualifiers: Added: RANDOM_GENERATED_ID_CLASS Scope: CMS Previous Name: Change Status: Modified (0) Attribute: TNS Listener Name (listener_name) Description: Qualifiers: Added: HIDDEN ATTRIBUTE Removed: ID_ATTRIBUTE **CMS** Scope: Change Status: Modified 🙆 Attribute: Name (name) Description: Scope: **BDM** CI Type: Oracle iAS (oracleias) Change Status: Modified @ Description: The Oracle IAS Application Server

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Scope	:			CMS			Previous Name:		
CI Typ	e: Ora	cle E-	Busines	s Suit	e (oraclesystem)				Change Status: Modified 🙆
			E-Busines		•				•
Scope	:			CMS			Previous Name:		
								<u> </u>	
СІ Тур	e: Org	janiza	tion (org	anizat	tion)				Change Status: Modified 🔕
Description: This is a single node in a structure of groupings within a company an administrative structure. The organization will be hierarchical a members of the leaf nodes of the organization.Different structures Qualifiers: Added: RANDOM_GENERATED_ID_CLASS			nd typically follow a sort of	level 1 to level N	structure with Persons being				
		Added	. KANDON		IERATED_ID_CLASS		Dunidaya Nama	h	
Scope				BDM	(party)		Previous Name:	business_	unit
Faleii				Гану	(рану)				
	Attrib	ute: C)rganizat	ionTy	pe (organization_typ	oe)			Change Status: Added 🤡
	Descri	iption:	Departme	nts an	d useful relationships ma	av need to be forn	n organization. For example ned in the model between a nsible to support the various	Service Level A	Company, L2 Business Unit and L3 greement and a Department. The
	Scope	e :			BDM		Data Type:	organiz	ation_type_enum
	Attrib	ute: D	isplay La	abel (display label)				Change Status: Modified 🙆
				•	ribute for display				onango otatao moamoa 🍚
	Qualifi	•			ULATED_ATTRIBUTE				
	Scope	e:			BDM				
	Attrib	ute: N	lame (na	me)					Change Status: Modified 🔕
	Descri	iption:							
	Qualifi	iers:	Added: S' Removed		TTRIBUTE				
	Scope	e:		_	BDM				
	Attrib	ute: C	ontact Ir	form	ation (contact_info)				Change Status: Deprecated 🔔
	Descri	iption:	Contact Ir	nforma	tion				
	Scope) D:			CMS				
CI Typ	e: out	put (o	utput)						Change Status: Modified 🙆
Descri	ption:	A MAN	I event sys	stem a	ction/job output				
Scope	:			CMS			Previous Name:		
Paren	t:			Confi	guration (configuration)				
CI Tyr	e. Ow	nersh	ip (owne	rshin)					Change Status: Modified (a)
Descri		1101311	ip (owne	i Silip)					Change Clatae. Meanica
	•			BDM			Previous Name:	ownor	
Scope					ection (connection)		Previous Name.	owner	
1 dicii				001111	coulon (connection)				
СІ Тур	e: par	am (p	aram)						Change Status: Modified 🔕
Descri	ption:	A MAN	I event sys	stem co	ondition parameter				
Scope	:			CMS			Previous Name:		
Paren	t:			Confi	guration (configuration)				
CI Tyr)O: PO=	amda	finition /-)aram	definition)				Change Status: Modified 🔕
					Action in MAM event sy	retem			Change Status, Mounted
		Pellile	s a paraine		Action in Main event Sy	31CIII	Decidence Name		
Scope				CMS	guration (configuration)		Previous Name:		

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pe: Person	(person)					Change Status: Modified O
ription: A pe	rson. Used as a co	ntact, owner, etc.				
e:	BDM			Previous Name:		
nt:	Party	(party)				
Attribute:	ActivePerson (a	active nerson)				Change Status: Added 📀
	•	er or not this person is	active from a workfl	ow perspective		onango otataon nadaa o
•	. Indicates whether	BDM	active from a working	<u> </u>	boolean	
Scope:		BDIVI		Data Type:	boolean	
Attribute:	DistinguishedN	ame (distinguished	d_name)			Change Status: Added 🥥
	connected by co format. The follo	mmas.An RDN is an a wing is an example of	ttribute with an ass	ociated value in the form	s a sequence of relative dis n attribute=value; normally Sales,DC=Fabrikam,DC=C0	expressed in a UTF-8 string
Qualifiers:	Added: ID_ATTF					
Scope:		BDM		Data Type:		
Attribute:	EmployeeNumb	per (employee num	nber)			Change Status: Added 🥥
Description	: A number which	is assigned to an emp	loyee by an organiz	zation. This number is or	nly globally unique in the co	ontext of the organization.
Scope:		BDM	, , ,	Data Type:	string(50)	· ·
					3(**)	
Attribute:	GivenName (giv	/en_name)				Change Status: Added 📀
Description Qualifiers:	: In Western cultu Added: ID_ATTF	res this is commonly ki RIBUTE	nown as the "first na	ame".		
Scope:		BDM		Data Type:	null(900)	
A ttributo:	HomoDhonoNu	mhar (hama nhan	n numbor)			Change Status: Added 📀
		mber (home_phone		ganization		Onlange Glatus. Added
	. The nome phone	e number used to conta	act the person or or		4: (50)	
Scope:		BDM		Data Type:	string(50)	
Attribute:	MobilePhoneNu	ımber (mobile_pho	ne_number)			Change Status: Added 🥥
Description	: The mobile phor	ne number used to con	tact the person or o	rganization.		
Scope:		BDM		Data Type:	string(50)	
		mber (office_phone	-			Change Status: Added 💟
Description	: The office phone	e number used to conta	act the person or or	ganization.		
Scope:		BDM		Data Type:	string(50)	
Attribute:	MiddleName (m	iddle name)				Change Status: Modified 🔕
			ame and surname (o	or family name). Compa	re: FirstName and Lastnam	
Scope:		BDM		, , , , , , , , , , , , , , , , , , , ,		
Сооро.		55W				
Attribute:	Surname (surna	ame)				Change Status: Modified 🙆
Description Qualifiers:	: The family name Added: ID_ATTF		tern cultures, this is	commonly called "last i	name".	
Scope:		BDM		Previous Name:	last_name	
Attribute	Title (title)					Change Status: Modified 🙆
Attribute: Title (title) Description: Title for an individual. This could bea title which is e		tle which is employe	ment related organization	on related oto	Shangs Status, Moullieu 💇	
	. THE IOI AII IIIQIVI		ue willon is employi	nent relateu, organizatio	on relateu, etc.	
Scope:		BDM				
Attribute:	Identification K	ey (identification_k	(ey)			hange Status: Deprecated 🔔
Description Qualifiers:	: Employee-ID, SS Removed: ID_A					
Scope.		CMS				

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	A	1 4161							Observe Otstore	. Danis and A
		dentificat	tion Type (lae	ntification_type)					Change Status	: Deprecated 🔔
	Description:	Domovod	I. ID. ATTDIDLIT	_						
	Qualifiers:	Removed	I: ID_ATTRIBUT	<u> </u>						
	Scope:		CMS							
CI Tyn	e: Physical	Port (nhy	rsical nort)						Change Sta	atus: Modified 🙆
				a router or other multi-functio	n notwor	k infrastructura da	vice Men	, times this of		
Descri	Interfa want t	ice since th o work with	nere is one to one	e correspondence in general lect that supports an interface	between	them. However, t	here are in	stances wher	n Port is importar	nt when we
Scope	•		BDM		Prev	vious Name:	ŗ	oort		
Parent	:		NodeElement (node_element)						
	Attribute: D	OuplexSe	tting (duplex_	setting)					Change S	Status: Added 📀
	Description:	This is the semantical	e duplex setting ally meaningful to	on a PhysicalPort. The values of the user.	s are full,	half, auto-negotia	ted and oth	ner where oth	er refers to value	s that are not
	Scope:		BDM			Data Type:		duplex_set	ing_enum	
	Attribute: F	ortIndex	(port_index)						Change S	Status: Added 🥥
	Description:	A typically	v non-volatile nu	mber assigned to a physical p	oort by th	e network device				
	Qualifiers:	• • • •	_ATTRIBUTE	, , , , , , , , , , , , , , , , , , ,						
	Scope:		BDM			Data Type:		integer		
	Attribute: N	lame (na	me)						Change Sta	atus: Modified 🔕
	Description:									
	Scope:		BDM							
	·									
СІ Тур	e: Process	(process)						Change Sta	atus: Modified 🔕
	otion: An ins									
Qualifie	ers: Added	I: RANDON	//_GENERATED	_ID_CLASS						
Scope			CMS		Prev	vious Name:				
	Attribute: N	lamo (na	ma)						Change Sta	atus: Modified 🔕
		vaille (lla	ille)						Onlarige Ota	itas. Modifica
	Description: Qualifiers:	Added: D	DM_ID_ATTRIB I: ID_ATTRIBUT	UTE E						
	Scope:		BDM							
	Attribute: F	Process C	CMD Line (pro	cess_cmdline)					Change Sta	atus: Modified 🙆
	Description: Qualifiers:	Added: D	mdline of the pro DM_ID_ATTRIB I: ID_ATTRIBUT	cess. This cmdline can later l UTE E	be used t	to restart the proce	ess.			
	Scope:		CMS							
	Attribute: C	Container	r (root_contain	ner)					Change Sta	atus: Modified 🙆
	Description:	Containe	CI of this CI							
	Qualifiers:	Added: D Removed	DM_ID_ATTRIB I: ID_ATTRIBUT	UTE E						
	Scope:		CMS							
~! T	o profil- /	wofile'							Change Ct-	otuo: Madifiad 🙉
	e: profile (p	rome)							Change Sta	atus: Modified 🙆
Descri										
Scope			CMS	6	Prev	vious Name:				
Parent	:		Configuration (contiguration)						

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CI Typ	oe: providerreposit	ory (providerreposit	ory)			Change Status: Modified 🔕
Descri	ption:					
Scope):	CMS		Previous Name:		
Paren	t:	Configuration (config	guration)			
CI Typ	oe: Oracle RAC (rac	C)				Change Status: Modified (
Descri Qualifi				software simultaneously wh DDM_REQUIRED_TOPOLO		latabase
Scope	: :	CMS		Previous Name:		
	Attributes Name (s	\				Change Status: Modified 🔕
	Attribute: Name (name)				Change Status, Mounted
	Description: Qualifiers: Added: Remov	: DDM_ID_ATTRIBUTE, /ed: ID_ATTRIBUTE	DOCUMENTED			
	Scope:	CMS				
						-
	Attribute: Service	Name (rac_servicer	name)			Change Status: Modified 🔕
	Description:					
		: DDM_ID_ATTRIBUTE /ed: ID_ATTRIBUTE				
	Scope:	CMS				
СІ Тур	oe: Remote Access	Service (ras)				Change Status: Modified 🙆
Descri Qualifi	ption: RAS - Remote ers: Added: RAND	Access Service OM_GENERATED_ID_0	CLASS			
Scope	: :	CMS		Previous Name:		
	oe: Realization (rea	-				Change Status: Modified (
Descri	ption: This link repre	sents an element being	realized by some other ele	ment.		
Scope	:	BDM		Previous Name:		
CI Tyrr	no: Possiva Conno	otor (rossive conne	ntor)			Change Status: Modified (0)
		ctor (receive_connec		sich all inhaund massages a	are received to the LILID	
Qualifi			logical gateway through w	nich all inbound messages a	ire received to the HOB	
Scope		CMS		Previous Name:		
Соорс		O.M.C		Trovious rams.		
	Attribute: Name (ı	name)				Change Status: Modified 🔕
	Description: Qualifiers: Added:	: DOCUMENTED				
	Scope:	BDM				
	Attribute: Contain	er (root_container)				Change Status: Modified 🙆
	Description: Contain Qualifiers: Added	ner CI of this CI : DOCUMENTED				
	Scope:	CMS				
017						Change Ctature Marker J
	pe: report (report)					Change Status: Modified (a)
Descri						
Scope		CMS Configuration (config		Previous Name:		
Paren		Connairation (confid	IIII/AII/ON)			

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СІ Тур	e: reportcolumn (rep	portcolumn)		Change Status: Modified 🔕
Descri	ption:			
Scope	:	CMS	Previous Name:	
Paren		Configuration (configuration)		
	e: reportfuncdef (rep	portfuncdef)		Change Status: Modified 🔕
Descri	ption:			
Scope	:	CMS	Previous Name:	
Paren	t:	Configuration (configuration)		
CI Tvr	e: reportfuncparamo	def (reportfuncparamdef)		Change Status: Modified 🔕
Descri		(•
Scope		CMS	Previous Name:	
Paren		Configuration (configuration)	r revious rvanie.	
		oomgaraton (comgaraton)		
СІ Тур	e: reportfunction (re	portfunction)		Change Status: Modified 🔕
Descri	ption:			
Scope	:	CMS	Previous Name:	
Paren	t:	Configuration (configuration)		
OI T				Change Status Madified
		ram (reportfunctionparam)		Change Status: Modified 🙆
Descri				
Scope		CMS	Previous Name:	
Paren	<u> </u>	Configuration (configuration)		
СІ Тур	e: reportnode (repor	rtnode)		Change Status: Modified 🙆
Descri	ption:			
Scope	:	CMS	Previous Name:	
Paren	t:	Configuration (configuration)		
	e: reportrule (report	rule)		Change Status: Modified 🔕
Descri	ption:			
Scope		CMS	Previous Name:	
Paren	t:	Configuration (configuration)		
CI Tvr	pe: Root (root)			Change Status: Modified 🔕
Descri				3
Scope		CMS	Previous Name:	
Зсоре		CIVIS	FIEVIOUS INAITIE.	
	Attribute: CreateTin	ne (create_time)		Change Status: Modified 🔕
	Description: When wa	s this CI created		
	Scope:	BDM	Previous Name:	root_createtime
		fiedTime (last_modified_time)		Change Status: Modified 🔕
	Description: When wa	s this CI last updated		
	Scope:	BDM	Previous Name:	root_updatetime
	Attribute: Actual De	letion Period (root_actualdeletionperiod	1)	Change Status: Modified O
	Description: What is the	ne period after the CI will be deleted		
		IDDEN_ATTRIBUTE		
	Scope:	CMS		

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	Attribute: Container (root_o	container)		Change Status: Modified 🔕
	Description: Container CI of thi	is CI		
	Scope:	CMS		
	Attribute: Deletion Candida	ate Period (root_deletioncandidat	eperiod)	Change Status: Modified 🔕
	Description: What is the period Qualifiers: Added: HIDDEN_	fafter the CI will be candidate for delete ATTRIBUTE		
	Scope:	CMS		
	Attribute: Enable Aging (ro	ot_enableageing)		Change Status: Modified 🙆
	Description: Is aging enabled Qualifiers: Added: HIDDEN_	ATTRIBUTE		
	Scope:	CMS		
Э Ту	pe: Router (router)			Change Status: Modified 🔕
	ription: A router is a device or sof information packet. fiers: Added: RANDOM_GENE		networks and decides the next netw	vork point to which destination to send the
Scop	e: CMS		Previous Name:	
\ T.	mor Evolungo Bouting Conn	octor (routing connector)		Change Status: Modified
	rpe: Exchange Routing Conner ription: CIT represents a common	ector (routing_connector) n super-type for Send and Receive Con	nactors in Evaluation 2007	Change Status, Mounieu
	fiers: Added: DOCUMENTED	I super-type for Seria and Receive Com	nectors in Exchange 2007.	
Scop	e: CMS		Previous Name:	
	Attribute: Name (name)			Change Status: Modified 🙆
	Description: Qualifiers: Added: DOCUME	NTED		
	Scope: E	BDM		
	Attribute: Container (root_c	container)		Change Status: Modified 🙆
	Description: Container CI of thi Qualifiers: Added: DOCUME			
	Scope:	CMS		
Э Ту	rpe։ Exchange Routing Group	p (routing_group)		Change Status: Modified 🙆
Desci Quali	relies on the Active Direct	touting Group that exists in Exchange or strict access of users in specific areas. tory Sites configuration to connect between	rganization. Routing groups are use In Exchange 2007 there are no long een different Exchange Servers.	ed to supply varying network connectivity er Routing Groups. Instead Exchange 2007
Scop	e: CMS		Previous Name:	
	Attribute: Name (name)			Change Status: Modified 🔕
	Description: Qualifiers: Added: DOCUME	NTED		
	Scope: E	BDM		
	Attribute: Container (root_c	container)		Change Status: Modified 🔕
	Description: Container CI of thi Qualifiers: Added: DOCUME			
	Scope:	CMS		

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Description:

BDM

Scope:

CI Type: Routing Group Connector (routing_group_connector) Change Status: Modified (0) CIT represents a Routing Group Connector a one-way communication link between two Routing Groups. Although it is possible to use an X.400 connector or an SMTP connector to connect routing groups, the routing group connector is specifically designed for this purpose and is the preferred method of connecting routing groups in most cases. Description: Qualifiers: Added: DOCUMENTED Scope: **CMS** Previous Name: Attribute: Name (name) Change Status: Modified (0) Description: Qualifiers: Added: DOCUMENTED **BDM** Scope: Change Status: Modified @ Attribute: Container (root_container) Description: Container CI of this CI Qualifiers: Added: DOCUMENTED Scope: CMS CI Type: rules (rules) Change Status: Modified @ Description: A MAM event system rule Previous Name: Scope: Parent: Configuration (configuration) CI Type: RunningSoftware (running software) Change Status: Modified <a>O This class represents the runtime aspects of a software system that is currently running or intended to be running on a Node. An instance of the RunningSoftware class is the place for runtime overview information such as last-startup-time and application-instance-name. The rather static characteristics of an installed software are represented by the InstalledSoftware class. Qualifiers: Added: RANDOM GENERATED ID CLASS Scope: **BDM** Previous Name: application Attribute: DiscoveredProductName (discovered product name) Description: Qualifiers: Added: DDM_ID_ATTRIBUTE, STATIC, COMPARABLE Scope: CMS Data Type: string(900) Change Status: Added 📀 Attribute: ProductName (product_name) The name of the software product which could be a Database (e.g., Oracle, Sybase), and Application Server (e.g., JBoss, WebLogic), a Web Server (e.g., Apache, SunOne), etc. Qualifiers: Added: STATIC. COMPARABLE Scope: BDM Data Type: product_name_enum Change Status: Added 💚 Attribute: StartupTime (startup_time) The time a RunningSoftware or a Node was booted. This is different from the StartDate attribute which is used to capture when an IT Process is initiated.

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Data Type:

date

Change Status: Modified (0) Attribute: MENU (MENU) Description: <MENU> <MENU NAME="View Sublayer" METHOD="view subLayer" ICON="view_sublayer.png"/> <MENUME="Pagazetics" < MENUME="Pagazetics" / MENUME="Pagazetics" / MENUME="Pagazetics" / MENUME="Pagazetics" / MENUME="Pagazetics" / MENUME="Pagazetics" / MENUME="View sublayer.png"/> < MENUME="Pagazetics" / MENUME="View sublayer.png"/> < MENUME="Pagazetics" / MENUME="View sublayer.png"/> < MENUME="View sublayer.png"/> < MENUME | M CMS Default Value: Scope: **<MENU** NAME="Properties" METHOD="data_showObjectAttributes" INETHOD= data_showObjectAttributes
ICON="properties.png"/> <MENU
NAME="CI History"
METHOD="data_showObjectAttributesHist
ory" ICON="object_history.png"/>
<MENU NAME="SEPARATOR"/>
<MENU NAME="Label"> <MENU
NAME="Tdit Label"> <MENU NAME="Edit Label" METHOD="data_editLabel"
ICON="edit.png"/> <M
NAME="Reset Label" <MENU METHOD="data_resetLabel" ICON="reset.png"/>
<MENU NAME="Note"> </MENU> <MENU NAME="Add Note" METHOD="data_addNote" ICON="note.png"/>
NAME="Delete Note" <MENU METHOD="data_deleteNote" METHOD= data_deletenote
ICON="delete.png"/> </MENU>
<MENU NAME="Delete from CMDB"
METHOD="data_delete"
ICON="delete.png"/> <MENU
NAME="SEPARATOR"/> <MENU
NAME="Get Related Cis"> <MENU
NA <MENU <MENU NAME="From View" METHOD="data view" NAME="From View" METHOD="data_view" ICON="neighbours_in_view.png"/>

*MENU NAME="From Database without Filter" METHOD="data_database" ICON="neighbours_in_db.png"/>

*MENU NAME="From Database with Filter" METHOD="data_advanced" ICON="neighbours_in_db_with_filter.png"/>

*MENU NAME="Reveal From Database without Filter" without Filter" METHOD="data_nextInDatabase" ICON="neighbours_reveal_from_db.png"/> <MENU NAME="Reveal From Database with Filter" METHOD="data_nextInAdvanced" METHOD= data_nextInAdvanced
ICON="neighbours_reveal_from_db_with_fi
Iter.png"/> <MENU NAME="Reveal
from View" METHOD="data_nextInView"
ICON="neighbours_reveal_from_view.png"/
> </MENU> <MENU
NAME="SEPARATOR"/> <MENU
NAME="Relate to CI"
METHOD="data_insertLink" <MFNU <MENU <MENU NAME="Add CI to Discovery Job" METHOD="data_addDiscoveryPattern" ICON="task_dispatch.png"/> <MENU
NAME="Remove CI from Discovery Job"
METHOD="data_removeDiscoveryPattern"
ICON="task_undispatch.png"/>
<MENU NAME="Show Discovery status" METHOD="data showDiscoveryStatus" ICON="ictb_discovery_run_16.png"/>
<MENU NAME="Open Credentials Information"

METHOD="data_openAppCredentials" />
</MENU>

<MENU

<MENU

<MENU

<MENU

<MENU

<MENU NAME="SEPARATOR"/>
NAME="Run Impact" <MENU METHOD="data_runImpact" ICON="run.png"/> <MENU NAME="Show Impact" METHOD="data_showImpact" ICON="showImpact.gif"/> NAME="Show Root Cause" <MENU <MENU METHOD="data_showRecursiveRootCaus METHOD= data_snowrectars/recorded set | CON="showcorrelation.gif"/>
<MENU NAME="SEPARATOR"/>
<MENU NAME="Compare CIs"
METHOD="data_compareCompoundAttrsB vView' ICON="navigation_item_group_compliance </MENU> small_icon.png"/>

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Scope:

Parent:

Change Status: Modified @ Attribute: Application Category (application_category) Qualifiers: Added: COMPARABLE CMS Scope: Change Status: Modified @ Attribute: Application Listening Port Number (application_port) Description: Qualifiers: Added: DDM_ID_ATTRIBUTE Removed: STATIC, COMPARABLE Scope: **CMS** Change Status: Modified 🙆 Attribute: Application Username (application_username) Qualifiers: Removed: STATIC, COMPARABLE Scope: **CMS** Attribute: Application Version Description (application version) Change Status: Modified @ Description: Full Application Version Qualifiers: Added: STATIC, COMPARABLE **CMS** Scope: Attribute: Display Label (display_label) Change Status: Modified 🔕 Description: Used as calc attribute for display Qualifiers: Modified: CALCULATED_ATTRIBUTE Scope: **BDM** Change Status: Modified @ Attribute: Name (name) Description: Added: DDM_ID_ATTRIBUTE, STATIC Removed: ID_ATTRIBUTE Qualifiers: Scope: **BDM** Attribute: Container (root container) Change Status: Modified @ Description: Container CI of this CI Qualifiers: Added: DDM_ID_ATTRIBUTE Removed: ID_ATTRIBUTE Scope: **CMS** Attribute: Vendor (vendor) Change Status: Modified <a>O Description: The vendor/manufacturer name of asoftware, host, or element Qualifiers: Added: STATIC **BDM** Scope: Attribute: Version (version) Change Status: Modified @ Description: Version information associated with the configuration item (software, hardware, etc). Qualifiers: Added: STATIC, COMPARABLE **BDM** Previous Name: Scope: application_version_number CI Type: SapApplicationServer (sap_app_server) Change Status: Modified 🙆 Description: SAP Application Server Qualifiers: Added: RANDOM_GENERATED_ID_CLASS

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ApplicationServer (application_server)

Previous Name:

4/2						
	Attribute	e: Name (na	me)			Change Status: Modified 🔕
	Description	•				
	Scope:		BDM			
	осоро.		22			
СІ Тур	e: SAP A	Application (Component (sap_ap	olication_componer	nt)	Change Status: Modified 🔕
Descri	ption: A	group of SAP t	ransactions with some c	ommon denominator, or	r of a few Application Componen	ts
Scope	:		CMS		Previous Name:	
CLTvr	00. SVD (Client (sap_c	liont)			Change Status: Modified 🔕
	ption: SA		inent)			Change Status, Modified
Scope		a Gilone	CMS		Previous Name:	
Осорс	•		OWO		1 revious tvarrie.	
CI Typ	e: SAP (Sateway (sa _l	o_gateway)			Change Status: Modified 🔕
Descri	•	P Gateway				
Qualifi		ded: RANDON	//_GENERATED_ID_CL	ASS		
Scope	:		CMS		Previous Name:	
CI Typ	e: SAP I	TS AGate (s	ap_its_agate)			Change Status: Modified 🔕
Descri	red	quired to move	Transaction Server com data between R/3 applid J_GENERATED_ID_CL	cations and the Internet		n and performs processing of tasks that are
Scope			CMS		Previous Name:	
-					_	
CI Typ	e: SAP J	2EE Applica	ation Server (sap_j2	e_app_server)		Change Status: Modified 🔕
Descri Qualifi	•	•	stance of the J2EE Appl //_GENERATED_ID_CL			
Scope	:		CMS		Previous Name:	
	Attribut	a. Discovere	edProductName (disc	covered product n	amo)	Change Status: Modified 🔕
	Descripti		ar roductivanie (disc	<u>zoverea_product_m</u>	umoj	enange etataen meanier 🥌
	Scope:		CMS		Default Value:	SAP J2EE Application Server
	сооро.		O.M.C		Boldan Value.	CAN OZZZ Application Colver
	Attribut	e: ProductNa	ame (product_name)			Change Status: Modified 🙆
	Descripti	on: The name Web Serv	e of the software product ver (e.g., Apache, SunOr	which could be a Datable), etc.	pase (e.g., Oracle, Sybase), and	Application Server (e.g, JBoss, WebLogic), a
	Scope:		BDM		Default Value:	sap_j2ee_application_server
CI Tyr	ο· SAP /	ARAP Annlic	ation Server (sap r3	l server)		Change Status: Modified 🔕
Descri		• • • • • • • • • • • • • • • • • • • •	software solution for clie	<u> </u>	d open systems.	
Qualifi	'	O	_GENERATED_ID_CL			
Scope	:		CMS		Previous Name:	
	A				•	
			edProductName (disc	coverea_product_n	ame)	Change Status: Modified 🔕
	Description	on:	0140		D (11)/ 1	048 4848 4 1 1 0
	Scope:		CMS		Default Value:	SAP ABAP Application Server
	Attribut	e: ProductNa	ame (product_name)			Change Status: Modified 🔕
	Descripti	on: The name Web Serv	e of the software product ver (e.g., Apache, SunOr	which could be a Datable), etc.	pase (e.g., Oracle, Sybase), and	Application Server (e.g, JBoss, WebLogic), a
	Scope:		BDM		Default Value:	sap_abap_application_server
CI Tu	o PEC	Connection /	can rfo connection	1		Change Status: Modified 🔕
Descri		omecion (sap_rfc_connection)		Change Status, Mounieu
_ 55011	r					

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Previous Name:

CMS

Scope:

CI Type: SA	AP System (sap_sys	tem)		Change Status: Modified 🔕		
Description:	A logical unit, grouping	together SAP-related entities (and possibly	other entities as well) into one ho	mogenous SAP deployment		
Scope:	CMS	S	Previous Name:			
	AP Transport (sap_tr	ansport)		Change Status: Modified 🙆		
·	SAP Transport					
Scope:	CMS	5	Previous Name:			
CI Type: sc	heduler_job (schedu	ıler_job)		Change Status: Modified 🙆		
Description:	A MAM scheduler job					
Scope:	CMS	3	Previous Name:			
Parent:	Con	figuration (configuration)				
CI Type: sc	hedulerjob (schedul	eriob)		Change Status: Modified 🔕		
	A MAM scheduler job					
Scope:	CMS	5	Previous Name:			
Parent:	Con	figuration (configuration)				
				Ohanna Ohataa Madifad 🔊		
	nd Connector (send	- · · · · · · · · · · · · · · · · · · ·	- II	Change Status: Modified 🙆		
Description: Qualifiers:	Added: DOCUMENTE	Connector - a logical gateway through which D	all outgoing messages are sent fr	om the HOB.		
Scope:	CMS	3	Previous Name:			
			_			
	bute: Name (name)			Change Status: Modified 🔕		
	ription: ifiers: Added: DOCUI	MENTED				
Scop		BDM				
Attril	bute: Container (roo	t_container)		Change Status: Modified 🔕		
	ription: Container CI of ifiers: Added: DOCUI					
Scop		CMS				
Сор	Je.	CIVIO				
CI Type: Se	rvice (service)			Change Status: Modified 🔕		
Description:	A Service is an abstract support of a Business	ct class which may represent an IT or Busin Service	ess Service, including Infrastructur	e Services which are delivered by IT in		
Qualifiers:	Added: ABSTRACT_C					
Scope:	BDN	1	Previous Name:	ogical_service		
A 44 . 11				Change Chakes Added C		
	bute: ServiceState (Dualizada Orandos an IT Orandos - Fr	Change Status: Added 🕖		
Desc	Description: This attribute represents the current lifecycle state for the Business Service or IT Service. For example, the lifecycle state of a Business Service could be designed, built, deployed, operated, etc.					
Scop	oe:	BDM	Data Type:	service_state_enum		
Attril	bute: Name (name)			Change Status: Modified 🔕		
	ription:			Change Status. Mounted		
Scop	•	BDM				
σωμ		55141				
CI Type: Se	rvice Guard Cluster	(serviceguardcluster)		Change Status: Modified 🔕		
Description:	A Service Guard Clust	er NERATED ID CLASS DOCUMENTED D	DM REQUIRED TOPOLOGY			

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Previous Name:

CMS

Scope:

СІ Тур	e: Servlet (servlet	t)		Change Status: Modified 🔕
Descri	ption: servlet			
Scope	:	CMS	Previous Name:	
	Attribute: Name (name)		Change Status: Modified 🧿
	Description:			· ·
	Qualifiers: Added	I: COMPARABLE		
	Scope:	BDM		
CI Typ	e: Shell (shell)			Change Status: Modified 🔕
Descri		stem shell		<u> </u>
Qualific	ers: Added: RANI	DOM_GENERATED_ID_CLASS		
Scope	:	CMS	Previous Name:	
CI Tvr	e: Siebel Applicat	tion Server (siebel_app_server)		Change Status: Modified 🔕
		running the business logic tier		g
Qualific		DOM_GENERATED_ID_CLASS		
Scope	:	CMS	Previous Name:	
Parent	:	ApplicationServer (application_server)	
	Attribute: Discov	eredProductName (discovered_pro	aduct name)	Change Status: Modified 🔕
	Description:	<u> </u>		-
	Scope:	CMS	Default Value:	Siebel Serve
	Attribute: Name (name)		Change Status: Modified 🔕
	Description: Qualifiers: Added Remo	i: DDM_ID_ATTRIBUTE ved: ID_ATTRIBUTE, REQUIRED_ATTRI	вите	
	Scope:	BDM		
	Attribute: Produc	etName (product_name)		Change Status: Modified 🔕
	Description: The na		e a Database (e.g., Oracle, Sybase), ar	nd Application Server (e.g, JBoss, WebLogic), a
	Scope:	BDM	Default Value:	siebel_application_server
	-			
		ner (root_container)		Change Status: Modified 🔕
	Description: Conta Qualifiers: Added Remo	iner CI of this CI l: DDM_ID_ATTRIBUTE ved: ID_ATTRIBUTE		
	Scope:	CMS		
CI Tvr	ne: Siehel Gateway	/ (siebel_gateway)		Change Status: Modified 🔕
Descrip	ption: A coordinating	g server, which routes requests to the corr	ect component	<u> </u>
Scope		CMS	Previous Name:	
Parent	::	ApplicationServer (application_server	·)	
	Attribute: Discov	eredProductName (discovered_pro	oduct name)	Change Status: Modified 🔕
	Description:		_ ,	-
	Scope:	CMS	Default Value:	Siebel Gateway Name Server
				·
	Attribute: Name (name)		Change Status: Modified 🔕
	Description:			
	Scope:	BDM		

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Description:

(In) Universal CMDB Change Status: Modified @ Attribute: ProductName (product_name) The name of the software product which could be a Database (e.g., Oracle, Sybase), and Application Server (e.g., JBoss, WebLogic), a Web Server (e.g., Apache, SunOne), etc. **BDM** Default Value: Scope: siebel_gateway Change Status: Modified (0) CI Type: Siebel Enterprise (siebel_site) Description: A logical unit, which describes a group of servers that function together to build a full-blown Siebel toolset experience Scope: **CMS** Previous Name: CI Type: SMTP Connector (smtp_connector) Change Status: Modified @ CIT represents SMTP Connector, which connects Exchange Organization with the Internet or with another organization using SMTP as a Description: transport protocol. Added: DOCUMENTED Qualifiers: Scope: CMS Previous Name: Change Status: Modified <a>O Attribute: Name (name) Description: Qualifiers: Added: DOCUMENTED BDM Scope: Attribute: Container (root container) Change Status: Modified @ Description: Container CI of this CI Qualifiers: Added: DOCUMENTED CMS Scope: CI Type: SNMP (snmp) Change Status: Modified @ Description: snmp agent Scope: CMS Previous Name: Change Status: Modified (a) Attribute: Container (root_container) Description: Container CI of this CI Qualifiers: Added: ID_ATTRIBUTE Scope: **CMS** CI Type: SQL Server (sqlserver) Change Status: Modified <a>O Description: SQL server Qualifiers: Added: RANDOM_GENERATED_ID_CLASS Scope: **CMS** Previous Name: Change Status: Modified @ CI Type: SSH (ssh) Description: Qualifiers: Added: RANDOM_GENERATED_ID_CLASS **CMS** Previous Name: Scope: Change Status: Modified @ CI Type: Storage Array (storagearray) Description: Qualifiers: Added: RANDOM GENERATED ID CLASS Scope Parer

Attribute: DiscoveredDescription (discovered_description)				Change Status: Modified 🔕
ent	<u>:</u>	Net Device (netdevice)		
ре	:	CMS	Previous Name:	

Represents a discoverable descriptione.g.the SysDescr value reported by an SNMP agent on a device which isoften contains some useful information about the device including its role. BDM Previous Name: data_description Scope:

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	Attribute: DiscoveredModel (discovered_model)		el)	Change Status: Modified 🔕
	Description: 1	The node model as determined during dis	scovery (e.g. Proliant DL140 G2, VMware Virtu	al Platform, etc.)
	Scope:	BDM	Previous Name:	storagearray_model
	Attribute: Dis	scoveredVendor (discovered_ven	dor)	Change Status: Modified 🧿
	Description: 1	The node vendor name as determined du	ring discovery (e.g. HP, VMware Inc., etc.)	
	Scope:	BDM	Previous Name:	storagearray_vendor
	Attribute: Sto	orage Array Version (hardware_ve	ersion)	Change Status: Modified 🔕
	Description:			
	Scope:	CMS	Previous Name:	storagearray_version
	Attribute: Se	rialNumber (serial_number)		Change Status: Modified 🔕
	Description: A	A manufacturer specified serial number o	r unique ID for a product or element	
	Scope:	BDM	Previous Name:	storagearray_serialnumber
СІ Тур	e: Storage Pr	ocessor (storageprocessor)		Change Status: Modified O
Descri	ption:			
Scope	:	CMS	Previous Name:	
	Attribute: Se	rialNumber (serial_number)		Change Status: Modified 🔕
		A manufacturer specified serial number o	r unique ID for a product or element	5.00.90 5.00.00
	Scope:	BDM	Previous Name:	storageprocessor_serialnumber
	e: subchart (subchart)		Change Status: Modified 🙆
Descri	'			
Scope		CMS	Previous Name:	
Parent	:	Configuration (configuration)		
СІ Тур	e: SunOne (s	unoneserver)		Change Status: Modified 🔕
Descri _l Qualific		ss represents an instance of Sun One W RANDOM_GENERATED_ID_CLASS	eb Server	
Scope	:	CMS	Previous Name:	
CI Tvr	e: Switch (sw	vitch)		Change Status: Modified 🔕
Descri _l Qualific	ption: A switch	•	m any of multiple input to specific output port.	J
Scope	:	CMS	Previous Name:	
Cl Tyr	a: Switch Bo	utor (switchroutor)		Change Status: Modified 🧿
Descrip Qualific	ption: the swite	uter (switchrouter) chrouter class represent a network eleme RANDOM_GENERATED_ID_CLASS	ent that his oid represent switch but have more	then one ip addresses in diferent net addresses
Scope		CMS	Previous Name:	
	e: Sybase (sy	ybase)		Change Status: Modified 🙆
Descri _l Qualific	•	RANDOM_GENERATED_ID_CLASS		
Scope	:	CMS	Previous Name:	
СІ Тур	e: Telnet (teli	net)		Change Status: Modified 🔕
Descri _l Qualific	ption: telnet	RANDOM_GENERATED_ID_CLASS		
Scope		CMS	Previous Name:	

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CI Type: Terminal Server (terminalserver) Change Status: Modified @ Description: A terminal server device. Qualifiers: Added: RANDOM_GENERATED_ID_CLASS Scope: CMS Previous Name: CI Type: timerules (timerules) Change Status: Modified 🔕 Description: A MAM event system time rule Scope: **CMS** Previous Name: Parent: Configuration (configuration) Change Status: Modified @ CI Type: Apache Tomcat (tomcat) Description: This class represents an instance of Apache Tomcat Web Server Qualifiers: Added: RANDOM_GENERATED_ID_CLASS Scope: **CMS** Previous Name: Change Status: Modified @ Attribute: ConfigurationFilePath (configuration_file_path) Description: The full path to a configuration file Removed: ID_ATTRIBUTE Qualifiers: Scope: **CMS** Change Status: Modified (0) Attribute: Name (name) Description: **BDM** Scope: Change Status: Modified @ CI Type: Apache Tomcat Cluster (tomcatcluster) Description: Apache Tomcat Cluster based on session replication Qualifiers: Added: DOCUMENTED Scope: CMS Previous Name: Attribute: Name (name) Change Status: Modified @ Description: Qualifiers: Added: DOCUMENTED BDM Scope: Change Status: Modified (a) CI Type: Apache Tomcat Service (tomcatservice) Description: This class represents a Apache Tomcat Service Qualifiers: Added: DOCUMENTED CMS Scope: Previous Name: Attribute: Name (name) Change Status: Modified @ Description: Qualifiers: Added: DOCUMENTED Scope: **BDM** Change Status: Modified @ Attribute: Container (root_container) Description: Container CI of this CI Qualifiers: Added: DOCUMENTED CMS Scope: CI Type: triggercondition (triggercondition) Change Status: Modified @ Description: a condition on the trigger of the correlation, a threshold for activation of the correlation, and some other definitions Scope: Previous Name: Parent: Configuration (configuration)

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Change Status: Modified @ CI Type: triggernodes (triggernodes) Description: description of a trigger in a correlation rule Scope: CMS Previous Name: Parent: Configuration (configuration) CI Type: UDDI Registry (uddiregistry) Change Status: Modified 🙆 Description: Represent a UDDI Registry Scope: **CMS** Previous Name: Change Status: Modified 🙆 CI Type: Unix (unix) Description: Host with Unix Operation system. Added: RANDOM_GENERATED_ID_CLASS Qualifiers: Previous Name: Scope: Change Status: Modified @ CI Type: UriEndpoint (uri_endpoint) A Uniform Resource Identifier (URI) as a communication endpoint describes a service endpoint which is accessible via a URI specified in the "Uri" attribute. It must be an Absolute URI as specified in RFC3986 Section 4.3 (http://www.ietf.org/rfc/rfc3986.txt). Scope: Previous Name: Parent: CommunicationEndpoint (communication_endpoint) Change Status: Modified <a>O Attribute: Name (name) Description: Qualifiers: Removed: ID ATTRIBUTE Scope: **BDM** Change Status: Modified @ Attribute: Uri (uri) Description: An Absolute URI as specified in RFC3986 Section 4.3:http://www.ietf.org/rfc/rfc3986.txt Qualifiers: Added: STATIC Scope: **BDM** Previous Name: url connectstring Change Status: Modified 🔕 CI Type: Usage (usage) Description: Monitor system Relationships depends_on Scope: **BDM** Previous Name: Parent: Dependency (dependency) CI Type: userfilter (userfilter) Change Status: Modified (0) Description: **CMS** Previous Name: Scope: Configuration (configuration) Parent: CI Type: VAX (vax) Change Status: Modified (0) Description: VAX (Virtual Address eXtension) machine. Qualifiers: Added: RANDOM_GENERATED_ID_CLASS **CMS** Previous Name: Scope: Change Status: Modified (0) CI Type: Veritas Cluster (veritascluster) Veritas cluster server provides a clustering technology that keeps server-based applications available, regardless of individual component Description: Qualifiers: Added: RANDOM_GENERATED_ID_CLASS, DOCUMENTED, DDM_REQUIRED_TOPOLOGY

CI Type: Virtual Host Resource (virtual_host_resource)

CMS

Description: Virtual Host Resource Key Attributes: 1. Name (data_name) - Name of Host Resource 2. Container (root_container) - Host Resource's

container, usually a Host

Scope:

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Previous Name:

Change Status: Modified <a>O

CMS Previous Name: Scope: CI Type: Virtual Management Software (virtual management software) Change Status: Modified <a>O Represents a Virtual Management Software Qualifiers: Added: RANDOM_GENERATED_ID_CLASS **CMS** Previous Name: Scope: Change Status: Modified (0) CI Type: Virtualization Layer Software (virtualization_layer) Represents the thin software layer running on bare metal. It can represent a kernel of the ESX Server's hypervisor for Vmware virtualization Description: solution or any other hypervisor for other vendors Qualifiers: Added: RANDOM_GENERATED_ID_CLASS Scope: CMS Previous Name Change Status: Modified @ CI Type: Vlan (vlan) This class represents one instance of a Local Area Network logical broadcast domain set up across LAN switches. This logical domain is also Description: called a virtual LAN or Vlan in short. Vlans provide some level of traffic isolation. Switches in a Vlan will forward frames over ports in the same vlan. There could be many Vlans that exist in a physical LAN with interconnected LAN switches. Added: RANDOM GENERATED ID CLASS, DDM REQUIRED TOPOLOGY Qualifiers: **BDM** Scope: Previous Name: Change Status: Modified 🙆 Attribute: Name (name) Description: BDM Scope: Change Status: Modified (0) Attribute: Container (root_container) Description: Container CI of this CI Qualifiers: Removed: ID_ATTRIBUTE Scope: CMS Attribute: VlanId (vlan_id) Change Status: Modified 🙆 Description: This is a number given to a VLAN by a network engineer or administrator. The ID helps LAN switches isolate traffic to certain segments of the network. The id is assigned to switch ports by network administrator. In some environments, the ID is automatically discovered as Added: DDM_ID_ATTRIBUTE Removed: ID_ATTRIBUTE Qualifiers: **RDM** Previous Name: Scope: vlan number Change Status: Modified 🙆 CI Type: VMware Cluster (vmware_cluster) VMware Cluster is a collection of ESX Server hosts with shared resources and a shared management interface. When you add a host to a Description: cluster, the host's resources become part of the cluster's resources. The cluster manages the resources of all hosts Qualifiers: Added: DOCUMENTED Scope: CMS Previous Name: Change Status: Modified 🙆 Attribute: Name (name) Description: Qualifiers: Added: ID_ATTRIBUTE Scope **BDM** Change Status: Modified @ Attribute: Container (root_container) Description: Container CI of this CI Added: DOCUMENTED Qualifiers: Scope: CMS CI Type: VMware ESX Server (vmware_esx_server) Change Status: Modified @

VMware ESX Server is a computer that uses virtualization software, such as ESX Server 3.5 or ESX Server 3i, to run virtual machines. ESX Description:

Hosts provide CPU and memory resources, access to storage, and network connectivity to virtual machines that reside on them

Qualifiers: Added: RANDOM_GENERATED_ID_CLASS

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Scope: CMS Previous Name: CI Type: VMware Resource Pool (vmware resource pool) Change Status: Modified @ VMware Resource Pool represents a pool where Virtual machines execute in, and draw their resources from Added: DOCUMENTED Qualifiers: Scope: **CMS** Previous Name: Change Status: Modified (0) Attribute: Name (name) Description: Qualifiers: Added: DOCUMENTED **BDM** Scope: Change Status: Modified @ Attribute: Container (root_container) Description: Container CI of this CI Qualifiers: Added: DOCUMENTED Scope: **CMS** CI Type: VMware VirtualCenter (vmware_virtual_center) Change Status: Modified @ Description: VMware VirtualCenter is the representation of the VirtualCenter application which runs on some host and is used to manage the VirtualLab Added: RANDOM GENERATED ID CLASS Qualifiers: Scope: **CMS** Previous Name: CI Type: WebServer (web_server) Change Status: Modified (0) A software that accepts http requests and delivers as a response web pages. WebServers allow web-clients to access the pages and resources of web-applications. Examples: 'Apache web Server', 'IIS'. Description: Qualifiers: Added: RANDOM_GENERATED_ID_CLASS Scope: **BDM** Previous Name: webserver Change Status: Modified @ Attribute: ConfigurationFilePath (configuration_file_path) Description: The full path to a configuration file **BDM** Previous Name: webserver_configfile Scope: Change Status: Modified @ CI Type: Weblogic AS (weblogicas) Description: The Weblogic Application Server Qualifiers: Added: RANDOM_GENERATED_ID_CLASS Scope: CMS Previous Name: Change Status: Modified (0) Attribute: J2EE Server Is Admin Server (weblogic_isadminserver) Description: is this server is the Admin Qualifiers: Added: STATIC, COMPARABLE Scope: **CMS** CI Type: Web Service (webservice) Change Status: Modified 🙆 Description: Represent a web service Scope: CMS Previous Name: Change Status: Modified @ Attribute: Message Protocol (message_protocol) Description: Qualifiers: Added: STATIC, COMPARABLE CMS Scope: Change Status: Modified (0) Attribute: Web Service Name (service_name) Description: The name of the web service Qualifiers: Added: STATIC, COMPARABLE

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Scope:

Parent:

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Universal CMDB Scope: **CMS** CI Type: Websphere AS (websphereas) Change Status: Modified 🔕 Description: The Websphere Application Server Added: RANDOM_GENERATED_ID_CLASS Qualifiers: Scope: **CMS** Previous Name: Change Status: Modified (0) Attribute: Name (name) Description: Added: DDM_ID_ATTRIBUTE, STATIC Removed: ID_ATTRIBUTE Qualifiers: BDM Scope: Change Status: Modified 🔕 Attribute: Container (root_container) Description: Container CI of this CI Qualifiers: Added: DDM_ID_ATTRIBUTE Removed: ID_ATTRIBUTE Scope: CMS Change Status: Modified (2) Attribute: J2EE Server Node Name (websphere_nodename) Description: Node name Qualifiers: Added: STATIC Scope: **CMS** Attribute: J2EE Server Platform Name (websphere platformname) Change Status: Modified <a>O Description: The name of the platform Qualifiers: Added: STATIC CMS Scope: Change Status: Modified (a) CI Type: IBMWebSphereMQ (webspheremq) Description: Represents IBM WebSphere MQSeries Software Qualifiers: Added: RANDOM_GENERATED_ID_CLASS Scope: **CMS** Previous Name: Change Status: Modified @ CI Type: WindowsService (windows_service) Description: Software that can be controlled by the Microsoft Management Console. Scope: CMS Previous Name: service Attribute: Name (name) Change Status: Modified @ Description: BDM Scope: Change Status: Modified (a) CI Type: WMI (wmi) Description: wmi agent Qualifiers: Added: RANDOM_GENERATED_ID_CLASS Scope: CMS Previous Name: Change Status: Modified 🙆 CI Type: ConfigurationDocument (configuration document) Description: A document that contains a block of arbitrary information, or resource for storing information, which is available to a computer program and is usually based on some kind of durable storage

Application Resource (applicationresource)

Previous Name:

configfile

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Description:	nent (containment)			Change Status: Modified 🙆
	·			
Scope:	BDM	Previous Name:	contains	
Parent:	Managed Relationship (managed_relationship)			
CI Type: Depender	ncy (denendency)			Change Status: Modified 🙆
	ents a dependency between 2 objects			onango otatao moamoa
Scope:	BDM	Previous Name:	depend	
Parent:	Managed Relationship (managed_relationship)	i revious ivalile.	черени	
Cl Type: Ownershi				Change Status: Modified @
Description:	p (Ownership)			Onange Status. Wodined
•	DDM	Designa Name	natantially mus	
Scope: Parent:	BDM Connection (connection)	Previous Name:	potentially_run	
CI Type: Usage (us	<u> </u>			Change Status: Modified @
Description: Monito	r system Relationships			
Scope:	BDM	Previous Name:	use	
Parent:	Dependency (dependency)			
CI Type: EmailRec	sipient (EmailRecipient)			Change Status: Removed 😧
CI Type: eychange	e_routing_group (exchange_routing_gr	oup)		Change Status: Removed 🔇
or Type. exchange		оцру		Onlinge Glatus. Removed
Cl Type: it_proces	s (it_process)			Change Status: Removed 🔇
CI Type: it_proces	s_link (it_process_link)			Change Status: Removed &
CI Type: it_proces	s_link (it_process_link)			Change Status: Removed 🔇
CI Type: it_proces CI Type: mqalias (Change Status: Removed
CI Type: mqalias (mqalias)			Change Status: Removed &
	mqalias)			Change Status: Removed &
CI Type: mqalias (i	mqalias)			-
CI Type: mqalias (i CI Type: mqaliasq CI Type: mqchann	mqalias) (mqaliasq) elof (mqchannelof)			Change Status: Removed
CI Type: mqalias (i CI Type: mqaliasq CI Type: mqchann	mqalias) (mqaliasq)			Change Status: Removed Change Status
CI Type: mqalias (i CI Type: mqaliasq CI Type: mqchann	mqalias) (mqaliasq) elof (mqchannelof) annel (mqmqichannel)			Change Status: Removed

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Universal Civida	
CI Type: mqmsglink (mqmsglink)	Change Status: Removed 😵
CI Type: mqqueuelocal (mqqueuelocal)	Change Status: Removed 😵
CI Type: mqqueueremote (mqqueueremote)	Change Status: Removed 😵
CI Type: mqrepository (mqrepository)	Change Status: Removed 😯
CI Type: mqresolve (mqresolve)	Change Status: Removed 😯
CI Type: mqxmitq (mqxmitq)	Change Status: Removed 😯
CI Type: patternstats (patternstats)	Change Status: Removed 🔾
CI Type: RealTimeKPI (real_time_kpi)	Change Status: Removed 😯
CI Type: reconciliation_configuration (reconciliation_configuration)	Change Status: Removed &
CI Type: WebResource (webresource)	Change Status: Removed 📀

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2. UCMDB Class Model Deprectation

This section includes all CITs and attributes that are marked as deprecated in version 9.00.

"Deprecation" means that this class or attribute will be removed from the class model in future releases.

A class or attribute that is marked for deprecation will not be reported to UCMDB by any data population engine.

For backward compatibility during upgrade, the class or attribute remains in the class model.

2.1 CI Types Deprecation

CI Type: Concentrator (concentrator)

Change Status: Deprecated 🛝

Replacement Details: Not used anymore. Layer2Connection CIT used instead

CI Type: File (file)

Change Status: Deprecated 🗥

Replacement Details: This CIT is replaced with the configuration_document CIT

CI Type: Interface Index (interfaceindex)

Change Status: Deprecated 🔔

Replacement Details: The Interface Index CIT has been merged with the Interface CIT. All relevant attributes are now reported on the Interface CIT.

CI Type: Layer 2 (layertwo)

Change Status: Deprecated 🗥

Replacement Details: Not used anymore. Layer2Connection CIT used instead

CI Type: Memory (memory)

Change Status: Deprecated 🔔

Replacement Details: The memory info is now stored on the Node CIT in attributes: memory_size, swap_memory_size

CI Type: NameServer (nameserver)

Change Status: Deprecated 🔔

Replacement Details: This CIT is not needed, the DNS Server CIT should be used instead

2.2 Attributes Deprecation

CI Type: IpAddress (ip_address)

Attribute: IP Is DHCP (ip_isdhcp)

Change Status: Deprecated 🗥

Replacement Details: This info is reported on the ip address property new attribute instead.

CI Type: WebServer (web_server)

Attribute: Version (webserver_version)

Change Status: Deprecated 🔔

Replacement Details: This attribute is deprecated and its value is reported in application_version attribute instead.

CI Type: RunningSoftware (running_software)

Attribute: Application Instance Name (application_instancename)

Change Status: Deprecated 🔔

Replacement Details: This attribute is replaced with Name attribute

CI Type: Storage Array (storagearray)

Attribute: Resources on this Array (storagearray_hostresourcelist)

Change Status: Deprecated 🗥

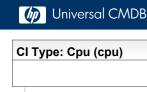
Replacement Details: This attribute is a not needed.

Attribute: Storage Array IP Address (storagearray_ip)

Change Status: Deprecated 🔔

Replacement Details: This attribute will be replaced by creating an IP object and relating it to the storage Array object with containment relation.

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Attribute: CPU Speed (cpu speed)

Change Status: Deprecated 🗥

Replacement Details: This attribute was replaced with the cpu_clock_speed attribute, which is of type Integer instead of String, to allow comparison

CI Type: Database (database)

Attribute: Port (database_dbport)

Change Status: Deprecated 🔔

Replacement Details: This attribute is deprecated and its value is reported in applicaiton_port attribute instead.

Attribute: Version (database_dbversion)

Change Status: Deprecated 🔔

Replacement Details: This attribute is deprecated and its value is reported in version attribute instead.

CI Type: ConfigurationItem (configuration_item)

Attribute: Country or Province (country)

Change Status: Deprecated 🔔

Replacement Details: This info is now reported on the Location CIT

CI Type: ConfigurationDocument (configuration_document)

Attribute: Document Description (document_description)

Change Status: Deprecated 🔔

Replacement Details: This attribute is replaced with description attribute

Attribute: Document Extension (document_extension)

Change Status: Deprecated 🔔

Replacement Details: This attribute is replaced with the document_content_type attribute

CI Type: PhysicalPort (physical_port)

Attribute: Port Number (port_number)

Change Status: Deprecated 🔔

Replacement Details: This attribute is not used any more, port_index should be used instead.

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3. Valid Links Changes

Name	End1	End2	Change Status	Scope
client_server	running_software	communication endpoint	✓ Added	BDM
usage	running_software	communication_endpoint		BDM
containment	interface	ip_address		BDM
dependency	logical_volume	disk_device		BDM
dependency	file_system	logical_volume		BDM
containment	hardware_board	hardware_board		BDM
containment	_	-		BDM
	hardware_board physical port	physical_port interface	✓ Added ✓ Added	BDM
realization				
membership	vlan	physical_port		BDM
membership	layer2_connection	interface		BDM
realization	file_system_export	file_system		BDM
dependency	file_system_export	file_system	⊘ Added	BDM
execution_environment	cluster_software	cluster_resource_group		BDM
ownership	cluster_software	cluster_resource_group	⚠Modified	BDM
containment	failover_cluster	cluster_resource_group		BDM
membership	failover_cluster	cluster_software		BDM
execution_environment	hypervisor	node		BDM
membership	ip_subnet	ip_address		BDM
composition	node	communication_endpoint	⊘ Added	BDM
containment	node	ip_address		BDM
composition	node	node_element	⚠Modified	BDM
composition	node	running_software		BDM
membership	functional_group	person		BDM
connection	asset	attachment		BDM
connection	contract	attachment		BDM
connection	asset	configuration_item		BDM
connection	asset	cost_category		BDM
connection	asset	cost_center		BDM
time_bound_connection	contract	asset		BDM
composition	contract	contract		BDM
connection	contract	cost_category		BDM
connection	contract	cost_center		BDM
composition	cost center	cost_center		BDM
aggregation	maintenance_contract	location		BDM
ownership	organization	contract		BDM
usage	organization	contract		BDM
connection	party	asset		BDM
ownership	party	asset		BDM
ownership	party	contract		BDM
ownership		cost center		BDM
•	party	_		BDM
responsibility	party	it_process_record		
ownership	party	project		BDM
ownership	person	project		BDM
containment	business_element	business_element	<u> </u>	CMS
usage	business_element	business_element	<u> </u>	CMS
containment	business_element	ci_collection		BDM
usage	business_element	ci_collection		CMS
usage	ci_collection	infrastructure_element	⊘ Added	CMS
containment	business_application	business_transaction		BDM
containment	business_application	infrastructure_element		BDM
usage	business_activity	business_process		BDM
usage	business_activity	business_transaction		BDM
usage	business_activity	infrastructure_element	Added	BDM

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usage	business_activity	service		BDM
usage	business_application	infrastructure_element		BDM
usage	business_application	infrastructure_service		BDM
containment	business_application	infrastructure_service		BDM
usage	infrastructure_service	infrastructure_service		BDM
containment	infrastructure_service	infrastructure_service		BDM
containment	business_function	business_application		BDM
usage	business function	business_application		BDM
containment	business_function	business_function		BDM
containment	business_function	business_service		BDM
containment	business_function	business_process		BDM
usage	business_function	business_service		BDM
usage	business_function	business_application		BDM
usage	business_function	business process		BDM
usage	business_process	service		BDM
usage	business_process	business_process		BDM
containment	business_process	business_process		BDM
containment	business_process	business_activity		BDM
containment	business_service	business application		BDM
usage	business_service	business_application		BDM
containment	business_service	business_process		BDM
usage	business_service	business_process		BDM
containment	business_service	service		BDM
usage	business_service	service		BDM
containment	business_service	business_transaction		BDM
	business_transaction	infrastructure_element		BDM
usage membership	ci_collection	configuration_item		BDM
containment	ci_collection	configuration_item		BDM
composition	_		✓ Added ✓ Added	BDM
composition	kpi	kpi_objective kpi	✓ Added ✓ Added	BDM
·	configuration_item	location		BDM
containment	location		✓ Added ✓ Added	BDM
membership membership	location	party node	✓ Added ✓ Added	BDM
•				CMS
membership	location	configuration_item		
containment	organization	organization		BDM BDM
membership	organization	person		BDM
usage	service	infrastructure_element infrastructure element		BDM
	service	_	_	
ownership	party	service		BDM BDM
ownership	party	business_application	_	
ownership	party	business_function		BDM
ownership	party	business_process		BDM
ownership	party	node		BDM
ownership	party	running_software		BDM
ownership	party	application_system		BDM
ownership	party	service_level_objective		BDM
aggregation	operational_level_agreement	infrastructure_service		BDM
aggregation	underpinning_contract	infrastructure_service		BDM
aggregation	service_level_agreement	business_service		BDM
containment	service_contract	service_level_objective		BDM

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