

How to create Custom Reports using Query Studio 9.20

Approach: This information can be helpful if you would like to generate a different view for your reports.

1- Please log in your Performance Metrics Server.

Network Performance Server - Mozilla Firefox

file=en_US&Interface UUID=\${uuid}&package=Interface_Health&CAMNamespace=ErsTru...

Current Status

User: system
Path: Interface_Health
Report:
Status: Ready
Filter: Unset

Preferences

Reports

Refresh

- Quicklaunch ReportViews
- iSPI Metrics
 - AtmPvc_Health
 - Component_Health
 - FrameRelayPvc_Health
 - FrameRelayPvcMetrics
 - Interface_Health
 - InterfaceMetrics
 - Reportlets
- Realtime Slaves

hp

NNM iSPI

Launch a Report
Use the navigation panel on the left to select a package and report, and the report to your needs.

Save your own Quicklaunch ReportViews

2-Please access **Query Studio**.



Launch a Report

Use the navigation panel on the left to select a package and report, and then configure the report to your needs.

Save your own Quicklaunch ReportViews

When you have customized all the report options, use Keep This Version / Save As or that you can use for automatic scheduling. Save personal content in My Folders.

Create and View Saved Content

Create saved report versions by scheduling your ReportViews, or by using Keep This Version / Save As.

3-Click in the folder called iSPI Metrics.

4-Click the extension pack that would like to generate metrics in this example the selected component was Interface Health.

Select a package (Navigate)

Select which package to use.

Recently used packages:

[Interface Health](#)
[All ExtensionPacks](#)

List of all packages:

[Cognos](#) > [Public Folders](#) > [iSPI Metrics](#)

	Name 
	AtmPvc Health 
	Component Health 
	FrameRelayPvc Health 
	Interface Health 

[Cancel](#)

5-Here you can select topology time periods and metrics.

A-Please insert the topology in this case the table selected was “d_Interface Topology”. The selected table was the Node Name and the interface Name.

The screenshot displays a software interface with a menu on the left and a main workspace on the right. The menu includes options like "Insert Data", "Edit Data", "Change Layout", "Run Report", and "Manage File". Below the menu is a tree view under "d_InterfaceTopology" listing various attributes such as "Qualified Interface Name", "Interface Name", "Interface Alias", "Interface Descr", "Interface Index", "Interface Type", "Interface Physical Address", "Interface Speed (In:Out)", "Interface ID", "Interface UUID", "Interface ODBID", "Node Name", "Node Short Name", "Node Contact", "Node Location", "Node Family", "Node Vendor", and "Node ID". The "Node Name" attribute is highlighted with a red oval. At the bottom of the tree view, there is an "Insert" button with a right-pointing arrow, also circled in red. The main workspace on the right shows a toolbar with font and size settings, a large empty area with the text "Select and insert items from the tree to fill in the rep...", and a "Select the report (Navigate)" section. This section contains the instruction "Navigate the folders or search to find the report to open." and a breadcrumb path: "Cognos > Public Folders > SPI Metrics > Interface_Health". Below this is a table with a header "Name" and one entry "InterfaceMetrics". At the bottom of the workspace are "OK" and "Cancel" buttons.

HP NNM iSPI Performance BI Query Studio

Menu

Insert Data

[Edit Data](#)

[Change Layout](#)

[Run Report](#)

[Manage File](#)

Font

- d_InterfaceTopology
 - Qualified Interface Name
 - Interface Name
 - Interface Alias
 - Interface Descr
 - Interface Index
 - Interface Type
 - Interface Physical Address
 - Interface Speed (In:Out)
 - Interface ID
 - Interface UUID
 - Interface ODBID
 - Node Name
 - Node Short Name
 - Node Contact
 - Node Location
 - Node Family
 - Node Vendor
 - Node ID

Insert 

Node Name	Interface N
cisco	Fa0/0
cisco	Fa0/1
10.1	Gi1/1
10.1	Gi1/2
10.1	Lo0
10.1	Lo1
10.1	VI100
10.1	VI102
10.1	VI103
10.1	VI104
10.1	VI105
10.1	VI150
10.1	VI151
10.1	VI152
10.1	VI153

B-Inject the metrics by selecting the table Called f_Virtual_Interface_Metrics.

HP NNM iSPI Performance BI Query Studio

Menu

- Insert Data**
- Edit Data
- Change Layout
- Run Report
- Manage File

Font [v] Size [v]

g_MPLS VRF Type1_InterfaceTopology

g_MPLS VRF Type2_InterfaceTopology

f_Virtual_InterfaceMetrics

- Date/Time
- InterfaceTopology
- Metrics**
 - LAN Deferred Frames
 - SDH / SONET
 - Wireless LAN
 - Packet Size
 - Packet Types
 - Utilization
 - Sample Counts
 - Queue Drops
 - Errors
 - SNMP Response Time (msecs)

Node Name	Interface Name
cisco	Fa0/0
cisco	Fa0/1
10.12	Gi1/1
10.12	Gi1/2
10.12	Lo0
10.12	Lo1
10.12	Vl100
10.12	Vl102
10.12	Vl103
10.12	Vl104
10.12	Vl105
10.12	Vl150
10.12	Vl151
10.12	Vl152
10.12	Vl153

C-Now when all the data was implemented all It can use labels to present this data in a different types of graphs.

HP Network Node Manager | Select a package (Navigate) | New - HP NNM iSPI Performance BI Quer... | HP Communities - Network Node Man

HP NNM iSPI Performance BI Query Studio

Menu

Insert Data

- Edit Data
- Change Layout
- Run Report
- Manage File

Switch Response Time (Mbps)

- LAN FCS Errors
- Discards
- Throughput
- Volume
- LAN Collisions
- LAN Abnormal Errors

Node Name	Interface Name	Availability (avg)
10.129.	Gi1/1	100.00%
10.129.	Vl152	100.00%
10.129.	Vl105	100.00%
10.129.	Vl102	100.00%
10.129.	Vl100	100.00%

Font | Size | A | B | I | U | |

Title

Chart

Specify how the data is to be graphed. Choose None to remove the chart.

Chart type:

- None
- Column

Show the values on the chart

Show the following in the report

- Chart and table
- Chart only

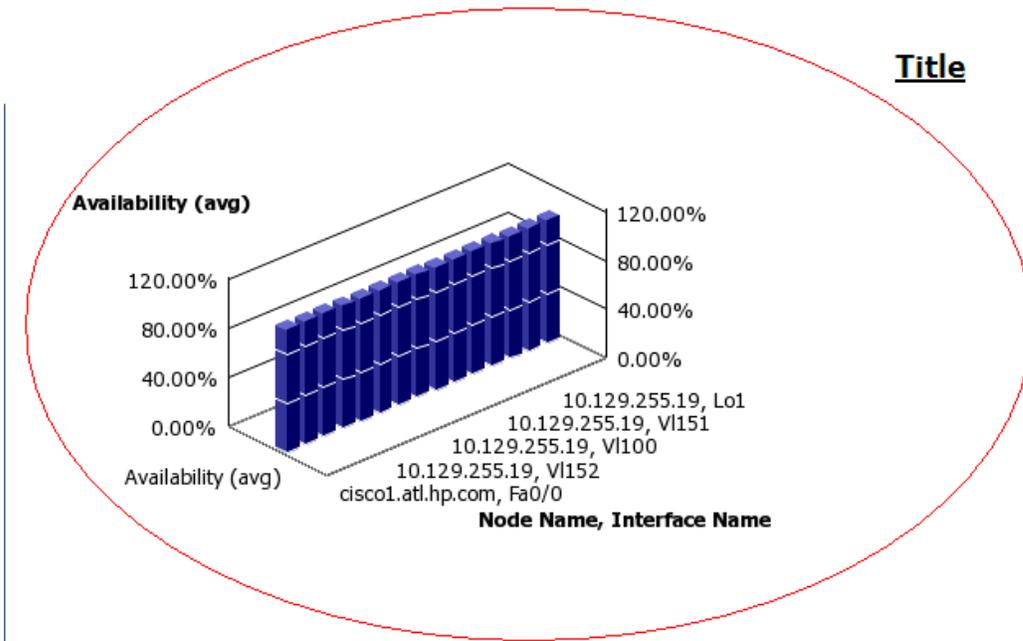
Standard

Stacked

100-Percent Stacked

3-D Axis

D-Finally it can be visible the collected data in a detail chart.



Node Name	Interface Name	Availability (avg)
10.129.	Gi1/1	100.00%
10.129.	Vl152	100.00%
10.129.	Vl105	100.00%
10.129.	Vl102	100.00%
10.129.	Vl100	100.00%
10.129.	Gi1/2	100.00%
10.129.	Vl104	100.00%
cisco1.a	Fa0/1	100.00%