

# **REPORT MANAGER**

Health QuickView Report

*Issued: April 11, 2012*

## Health QuickView Report

This report provides a summary view of the Top 5 critical devices in several system health categories.

### Requirements

The minimum Report Manager release to run this report is 3.2 GA (3.2.0173).

### N-central Dependencies

Connectivity, CPU, Disk and Memory services

### Files Included

This package contains the following:

- The custom report file (Health QuickView.rdl)
- A configuration file ( Health QuickView Parameters.xml), which will configure the UI control parameters for the report when uploaded
- A sample of the report (Health QuickView Report.pdf)
- Report Parts (Health QuickView Parts.rpz). For more details on Report Parts, refer to the *Creating Custom Reports* section in the **Report Manager** online help.

### Uploading the Files to Report Manager

The RDL and Report Parts files included in this package are ready to be uploaded to Report Manager. Each RDL file also has a corresponding XML file that configures the UI control details.

1. Sign in to the Report Manager Administration Console.
2. Click **Custom Report Management**.
3. Click **Upload Custom Report**.
4. Click **Browse** to navigate to the file you want to upload.

#### To upload a report and configure UI controls using a configuration file

1. Select the RDL file and click **Open**.
2. Select the **Upload a Config File** check box.
3. Click the **Browse** button that appears and navigate to the XML configuration file that corresponds to the RDL file you are uploading.
4. Select the configuration file and click **Open**.
5. Click **Next** to upload the report with the UI controls configured.

### To upload Report Parts

1. Select a report part or parts file and click **Open**. A single report part is contained in an RSC file; multiple parts are packaged together in an RPZ zip file.
2. Click **Next** to upload the report parts.
3. Report Manager detects the file extension and prompts you for a description of the report part. When parts are uploaded in a zip file, the description is set automatically and this step will be skipped.
4. If applicable, in the **Report Description** field, type a description for the report part and click **Save**.

*The screen displays a success page and redirects you to the **Custom Report Management** screen.*

## Running the Report

This report has been configured with a Validation Group that contains the following list controls: **Device Class List**, **Rule List** and **Device List**. Each of these list controls also has a dependency upon **Customer List**.

This configuration means that at runtime:

- When a selection is made from Customer List, each of the dependent list controls is populated
- The user can make one or more selections in any combination of the list controls that are included in the Validation Group
- The user is forced to make a selection from at least one of these list controls

All devices that meet selected criteria will be used in the report's calculations, however, only the top 5 will appear within each chart and table in the report.

## Modifying the Report in Report Builder

For further instructions to modify the report in Report Builder, refer to the *Creating Custom Reports* section in the **Report Manager** online help.

Report Parts

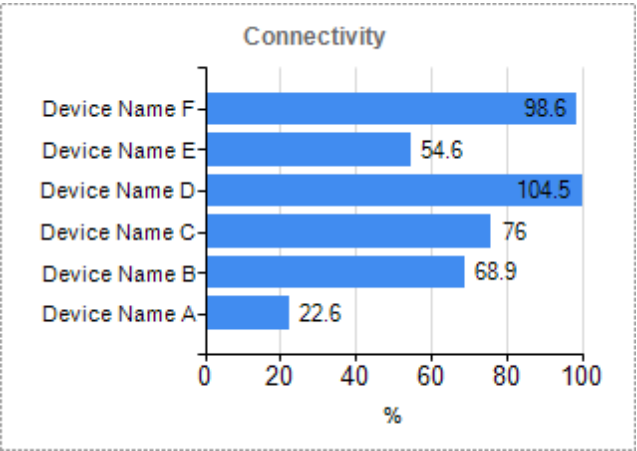
Seven new report parts have been included in this package for your use in custom report creation.

Connectivity

Type of Part: Chart

Name to Search on in Report Part Gallery:

HealthQuickView\_Chart\_Connectivity\_Model

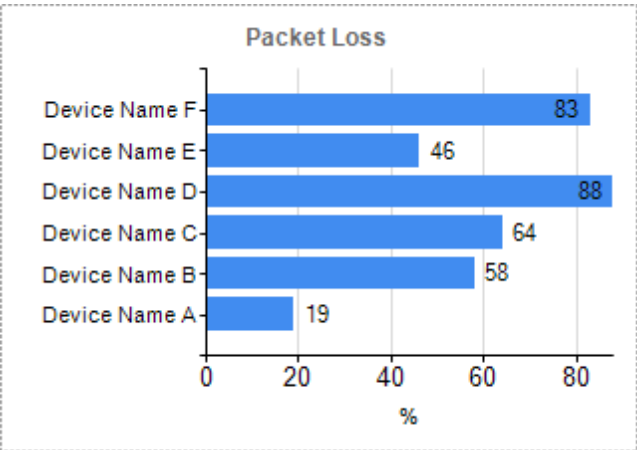


Packet Loss

Type of Part: Chart

Name to Search on in Report Part Gallery:

HealthQuickView\_Chart\_PacketLoss\_Model

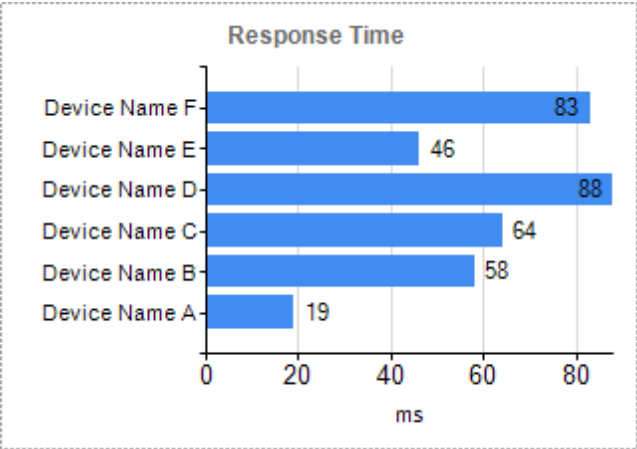


**Response Time**

Type of Part: Chart

Name to Search on in Report Part Gallery:

HealthQuickView\_Chart\_ResponseTime\_Model

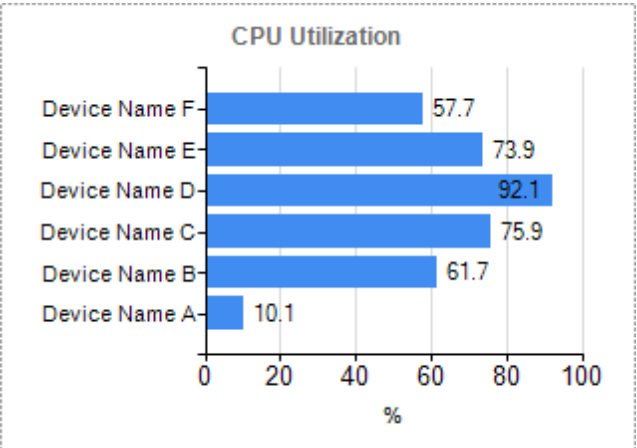


**CPU Utilization**

Type of Part: Chart

Name to Search on in Report Part Gallery:

HealthQuickView\_Chart\_CPUUtilization\_Model

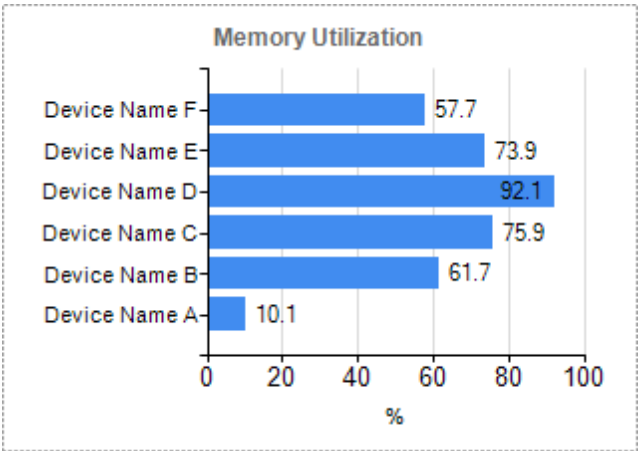


**Memory Utilization**

Type of Part: Chart

Name to Search on in Report Part Gallery:

HealthQuickView\_Chart\_MemoryUtilization\_Model

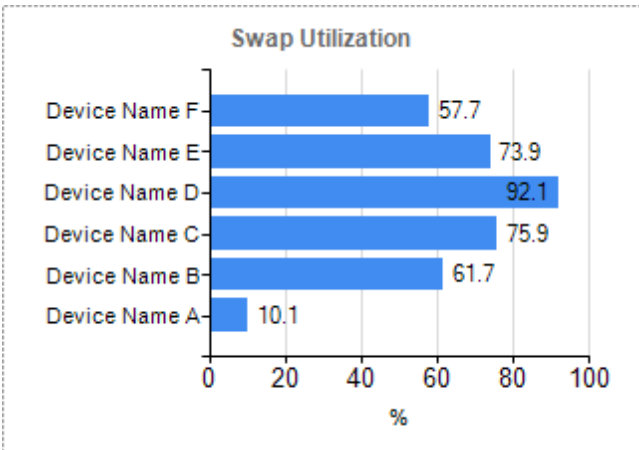


**Swap Utilization**

Type of Part: Chart

Name to Search on in Report Part Gallery:

HealthQuickView\_Chart\_SwapUtilization\_Model



## Current Disk Usage

**Type of Part:** Table

**Name to Search on in Report Part Gallery:**

HealthQuickView\_Table\_CurrentDiskUsage\_SQL

Current Disk Usage			
Device	Volume	Capacity	Usage
[DeviceName]	[Monitored Element]	«Expr» GB	Usage Percent

### Order and Configuration of UI Controls

After uploading a report with one or more of these Report Parts to Report Manager, follow the steps below for configuration.

1. Reorder **Prompts** to match the order in the table below.
2. Create a **Validation Group** and place **Device Class List**, **Rule List** and **Device List** in it.

**What this means at runtime:** User will be forced to make a selection from one of these list controls.

3. Assign **Data Dependency** for **Device Class List**, **Rule List** and **Device List** to **Customer List**.

**What this means at runtime:** When a selection is made from Customer List, each of the list controls that are in a Validation Group and dependent upon Customer list will be populated.

4. Type or copy the hint help into the table. The suggested hint help is included in a table below.

#### Order and Configuration of UI Controls

Prompt	Parameter Name	Parameter Type	Data Dependency	Validation Group
Start Date	StartDate	Date		
End Date	EndDate	Date		
Customer	Customer_ID	Customer List		
Device Classes	Device_Class_ID	Device Class List	Customer List	1
Rules	Rule_ID	Rule List	Customer List	1
Devices	Device_ID	Device List	Customer List	1

*Hint Help*

<b>Prompt</b>	<b>Parameter Name</b>	<b>Hint</b>
Start Date	StartDate	Specify a start date for the reporting period. The reporting period starts at 12:00 am on the selected start date, unless a start time is specified for time based SLA break-downs.
End Date	EndDate	Specify an end date for the reporting period. The reporting period ends at 11:59 pm on the selected end date, unless an End Time is specified for time based SLA breakdowns.
Customer	Customer_ID	Select the customer for which you would like to generate the report.
Device Classes	Device_Class_ID	Select a device class or device classes. Only devices within the selected device classes will be included in the report.
Rules	Rule_ID	Select a Rule or Rules. Devices associated to selected Rules will be included in the report.
Devices	Device_ID	Select devices to include in the report.



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