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HEALTH CHECK REPORTS
FOR OPERATIONS MANAGER 2012 R2

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Intro to the Health Check Reports MP

The Health Check Reports Management Pack (MP) for System Center 2012 R2 Operations Manager (OpsMgr) contains 26 reports designed to reveal information about the health and configuration of your OpsMgr deployment.

The reports are required to run on the Data warehouse or the Operations database. You need to create a custom shared data source on your report server pointing to the OpsMgr Operations database (OperationsManager) to enable to run the reports on the Operations database. Step-by-step instructions for configuring this data source are included in the [“Installation and Configuration”](#) section later in this document.

This version of the management pack has been updated to support the latest revision of OpsMgr, OpsMgr 2012 R2. The following is a list of reports in the management pack:

Report Name	Queries Database
Alerts - per User Count	OperationsManagerDW
Alerts - Per User ID	OperationsManagerDW
Alerts – Top 20 Alerts	OperationsManagerDW
Alerts – Total Daily	OperationsManagerDW
Events – Total events per computer (drill trough)	OperationsManagerDW
Events – Total Events per day	OperationsManagerDW
Events – Total events per Event number (drill trough)	OperationsManagerDW
Misc – Agents Overview	OperationsManager
Misc – APM Agents	OperationsManager
Misc – Config Churn Overview (drill trough)	OperationsManagerDW
Misc – Curent Health Status Down Agents	OperationsManager
Misc – Database State	OperationsManager
Misc – Health Service Action Accounts Overview	OperationsManager
Misc – Health Service Runas Distribution	OperationsManager
Misc – Infrastructure	OperationsManager
Misc – Maintenance Mode	OperationsManager
Misc – Management Packs	OperationsManager
Misc – OMS Managed Agents Overview	OperationsManager
Misc – Overview Groups	OperationsManagerDW
Monitors – Noisiest Monitors	OperationsManager
Monitors – State Changes per Day	OperationsManager
Monitors - State Data Not Groomed	OperationsManager
Performance – Performance Baseline Collection Rules	OperationsManager
Performance – Performance By Computer	Both
Performance – Performance Inserts Daily per Counter	Both
Performance – Performance Inserts Daily Total	Both

Installation and Required Configuration

Before we can start by importing the management you need to create a custom Shared Datasource on your reporting server pointing to the OpsMgr Operationsdatabase (OperationsManager).

1. Logon to your reporting server and go to <http://localhost/reports>
2. In the root of the reporting website click details on the right side. You will now see the Datasource for the reporting server called **Data Warehouse Main**.
3. Look at its properties and take note of the **connection string** details we going to need it when designing our custom data source.

data source="<ServerName>";initial catalog=OperationsManagerDW;Integrated Security=SSPI

4. Go back to the root of the reporting website <http://localhost/reports> and select New Datasource.
5. Now fill in the details (see screen print) pay close attention to its name this needs to be **OperationalDataBaseMain**

Also make sure you are connecting to the appropriate server if your Ops DB is located on another server you need to change the connection string appropriately like:

data source=test01

data source=test01\customSQLInstance

6. For the **initial catalog** enter the name of your OpsMgr Operationsdatabase, which by default is named OperationsManager.

The screenshot shows the 'Properties' dialog box for a data source, with the 'Security' tab selected. The 'Name' field is set to 'OperationalDataBaseMain'. The 'Data Source Type' is 'Microsoft SQL Server'. The 'Connection string' is 'data source="<Server Name>";initial catalog=OperationsManager'. Under 'Connect using', the 'Windows integrated security' option is selected. At the bottom, there are buttons for 'Apply', 'Move', 'Generate Model', and 'Delete'.

Properties	Dependent Items	Subscriptions
General	Name: OperationalDataBaseMain	
Security	Description:	
	<input checked="" type="checkbox"/> Hide in list view	
	<input checked="" type="checkbox"/> Enable this data source	
	Data Source Type: Microsoft SQL Server	
	Connection string: data source="<Server Name>";initial catalog=OperationsManager	
	Connect using:	
	<input type="radio"/> Credentials supplied by the user running the report	
	Display the following text to prompt user for a user name and password: Type or enter a user name and password to access the data source	
	<input type="checkbox"/> Use as Windows credentials when connecting to the data source	
	<input type="radio"/> Credentials stored securely in the report server	
	User name:	
	Password:	
	<input type="checkbox"/> Use as Windows credentials when connecting to the data source	
	<input type="checkbox"/> Impersonate the authenticated user after a connection has been made to the data source	
	<input checked="" type="radio"/> Windows integrated security	
	<input type="radio"/> Credentials are not required	
	Apply	Move
	Generate Model	Delete

7. Also be sure to check **Windows Integrated security**.
8. To verify your configuration is correct, click the **Test Connection** button. If your configuration is correct, the test returns the message 'Connection created successfully'.

Windows integrated security
 Credentials are not required

Test Connection

Connection created successfully.

Apply

After adding the datasource you can simply import the MP and start running reports. The datasource is required to query the Ops DB which is not supported by Microsoft and therefore no datasource is present.

Known Issues:

The following are known issues with use of the OpsMgr Health Check Reports MP:

Error:

"An error occurred during client rendering. An error has occurred during report processing. Cannot create a connection to data source 'OperationalDataBaseMain". For more information about this error navigate to the report server on the local server machine, or enable remote errors."

Resolution:

This error has been reported by several users. The procedure for resolving this issue:

Instead of "Windows Integrated Security" select "Credentials stored securely in the report server and use windows creds when connecting to the data source" Fill in the Service account used for SQL/SCOM for the data warehouse. This fix has been reported by several users.

Feedback

Please post feedback on the Microsoft TechNet Gallery page where you downloaded this management pack.