



NetIQ[®] Aegis[™] Adapter for Microsoft System Center Operations Manager Configuration Guide

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This document provides information on how to install and configure the NetIQ Aegis Adapter for Microsoft System Center Operations Manager in your environment.

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Overview

The NetIQ Aegis Adapter for Microsoft System Center Operations Manager (Operations Manager adapter) allows the automation of run books and broader processes in Operations Manager from your NetIQ Aegis Console.

The Operations Manager adapter includes a library of workflow activities specific to System Center Operations Manager that Process Authors can use in the Workflow Designer.

For more information about activities or activity libraries, see the *Administrator Guide for Aegis*.

Supported Products

The Operations Manager adapter supports the following software versions:

- NetIQ Aegis 2.1
- Microsoft System Center Operations Manager 2007 SP1

Implementation Overview

To install and configure the Operations Manager adapter, follow the steps provided in the following table.

<input checked="" type="checkbox"/>	Steps	See Section
<input type="checkbox"/>	1. Install the Operations Manager Adapter.	"Installing the Operations Manager Adapter" on page 2
<input type="checkbox"/>	2. Install the Event Renderer for the Operations Manager Adapter.	"Installing the Event Renderer for the Operations Manager Adapter" on page 2
<input type="checkbox"/>	3. Configure the Operations Manager Adapter.	"Configuring the Operations Manager Adapter" on page 3
<input type="checkbox"/>	4. Configure a New Root Management Server.	"Configuring a New Root Management Server" on page 3
<input type="checkbox"/>	5. Configure the License Assignment.	"Configuring the License Assignment" on page 3
<input type="checkbox"/>	6. Verify the installation was successful.	"Verifying a Successful installation" on page 4

Installing the Operations Manager Adapter

This section describes the prerequisites and steps to install the Operations Manager Adapter in your environment.

To install the Operations Manager Adapter, the activity library, and the templates, the following prerequisites must be met:

- The Operations Manager Adapter must be installed locally on an Aegis server computer. (It cannot be installed remotely.)
- The Operations Manager Adapter must be installed on a server with network connectivity to the Microsoft System Center Operations Manager Root Management Server.
- Operations Manager users that install the adapter must have the Operations Manager administrator role assigned to them at that Operations Manager server.

To install the Operations Manager adapter in your environment:

1. Log on to the Aegis server. Ensure you use an Aegis Server user account that is a member of the Administrators group.
2. Run the setup program located in the Operations Manager adapter installation kit. Have your NetIQ Aegis and your Operations Manager credentials at hand.
3. Click on the **Adapter Setup** link located in the html setup page.
4. Follow the instructions in the wizard until you have completed the adapter installation.

Installing the Event Renderer for the Operations Manager Adapter

The NetIQ Event Renderer for the Operations Manager adapter works with the Aegis Operations Console, providing rendering functionality for the layout of the event attributes.

You can launch the Event Renderer setup from the adapter setup page.

To install the NetIQ Event Renderer:

1. Click on the **Event Renderer Setup** link located in the html setup page.
2. Follow the instructions in the wizard until you have finished installing the Event Renderer.

This setup is not required if the Aegis server and the Operations console are installed on the same computer. If the Aegis environment has a distributed installation, the Event Renderer must be installed on the server where the Operations console is installed.

Configuring the Operations Manager Adapter

You must use the NetIQ Aegis Adapter Configuration Console to configure the Operations Manager adapter. You can find the configuration information for the Operations Manager Adapter on the Operations Manager tab of the console window.

The NetIQ Aegis Adapter Configuration Console enables you to specify the connection settings to the System Center Operations Manager Root Management Server. These settings include user and domain credentials, IQRM integration parameters, the licence information, whether the parent object will include the alerts of its contained objects, and the alert check interval for events in Aegis.

Configuring a New Root Management Server

Once you install the Operations Manager adapter, you can add a new Root Management Server through the NetIQ Aegis Adapter Configuration Utility.

To configure a new Root Management Server:

1. In the NetIQ program group, click Aegis > NetIQ Aegis Adapter Configuration.
2. In the left panel, click on the Operations Manager folder.
3. Right click on the folder and select Add New Entry.
4. Enter valid values in the appropriate field.
5. Press Test Connectivity, to verify the server is available and the credentials are valid.
6. You can also specify whether to include alerts of the contained objects, define the IQRM synchronization interval and the alert check interval.
7. Click File > Save All.
8. Restart the NetIQ Aegis Namespace Provider service.

Configuring License Assignment

The Operations Manager adapter licensing defines an Operations Manager System as an environment that has one Root Management Server with one or more additional Management Servers. The Operations Manager Adapter currently enforces licensing on a per System basis, that is, an Aegis user will require one license for each active Root Management Server.

If you have more than one Operations Manager environment, you may configure the order in which the available licenses are assigned.

To configure license assignment:

1. In the NetIQ program group, click on Aegis > NetIQ Aegis Adapter Configuration.
2. In the left panel click on the Operations Manager folder.

3. In the right panel under Licensing Order, click on the Root Management Server for which you want to assign the license order.
4. Select the order in which the server will have the license assigned.
5. On the File menu, click Save All.
6. Restart the NetIQ Aegis Namespace Provider service.

Verifying a Successful Installation

Once you install the Operations Manager adapter, you can verify whether your installation was successful.

Start the Aegis Configuration Console. For more information about starting the configuration console, please see the *Administrator Guide for Aegis*.

1. In the lower left panel, click **Administration**.
2. In the left panel, click **Namespace Browser**.
3. Expand the IQOPSMGR provider node.
4. Expand the IQOPSMGR_System node.
5. Inside this node, expand the node of the Root Management Server configured during installation.
6. Expand the IQOPSMGR_ManagementPack node to display a group of management packs.
7. Inside a management pack, expand the IQOPSMGR_MonitoringClass node.
8. Each monitoring class contains an IQOPSMGR_MonitoringObject node, inside of which you should see the monitoring objects.

Workflow Activities Overview

The activities included in the Aegis Operations Manager Adapter library allows NetIQ Aegis to perform the following tasks:

- Update monitoring alert attributes, including their resolution state.
- Find monitoring alerts and retrieve their details.
- Find monitoring objects and retrieve their details.
- Submit and execute Operations Manager tasks, or obtain their results.
- Use events in Aegis related to monitoring alerts to perform custom automated processes.
- Start and stop maintenance mode in monitoring objects.
- Find and retrieve data from performance counters, including performance charts.