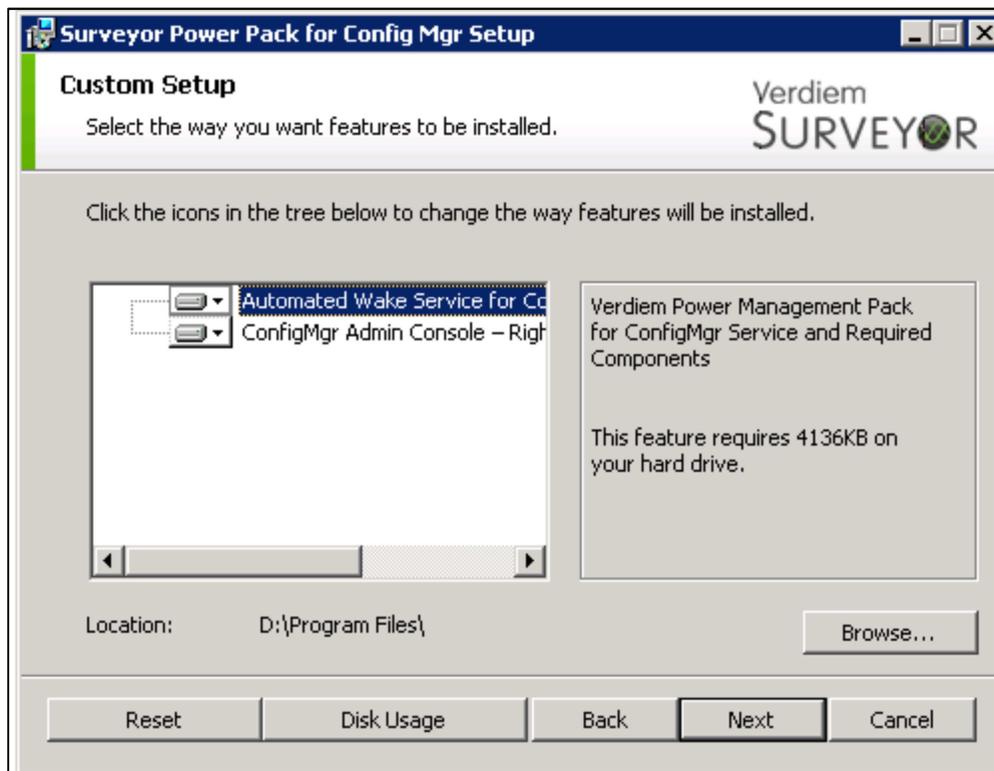


Installing Connect for MSFT System Center

Selecting Feature to Install

Login to the SCCM Site Server Machine as Administrator (Who has complete privileges on the machine)
Run the setup file, 'PowerPackInstaller', proceed and accept the End User License Agreement
And then Click on Next.

1. If you want to install only the plugin Services select "Automated Wake Service for ConfigMgr"
 2. If you want only the plugin, choose "ConfigMgr Admin Console – Right Click Context Menu Addon"
- In my case, SCCM Site server and ConfigMgr Console both are in single machine. Hence, I have to select both the options. Select these option based on your SCCM setup and requirement. And Click on Next.



Server Information

Please enter your ConfigMgr and Surveyor server information.

1. **ConfigMgr Site Server Name:** Enter the Site server name onto which the Surveyor services and add-on needs to be installed.
2. **ConfigMgr Site Code:** Enter the corresponding site code of the site server entered.
3. **Surveyor Server Name:** Enter the Surveyor server name.

The screenshot shows a Windows-style dialog box titled "Surveyor Power Pack for Config Mgr". The dialog has a blue header bar with the title and a close button (X). Below the header, the text "Server Information" is displayed in a bold font, followed by the instruction "Please enter your ConfigMgr and Surveyor Server information." In the top right corner, the "Verdiem SURVEYOR" logo is visible. The main area of the dialog contains three text input fields: "ConfigMgr Site Server Name" with the value "DGA1UTL01SCCM", "ConfigMgr Site Code" with the value "ATL", and "Surveyor Server Name" with the value "dga1sup1vrldm.devops.lclad.org". Below these fields, a note states: "Note: There may be a delay in connecting to the ConfigMgr server. Please wait." At the bottom of the dialog, there are three buttons: "< Back", "Next >", and "Cancel".

Once all the required information is entered, click on Next.

Login Information

Specify the user name and password. You could either choose

- **Local System Account:** This will choose the current logged in user of the machine to run the service.
- **This account:** You can explicitly specify service user, which will be used to run the service irrespective of the user who is logged in.

Surveyor Power Pack for Config Mgr

Logon Information
Specify a user name and password

Verdiem
SURVEYOR

Specify the account that the Power Management Pack for ConfigMgr service will run as.

Local System account

This account

Username:
userName

Domain
dominName

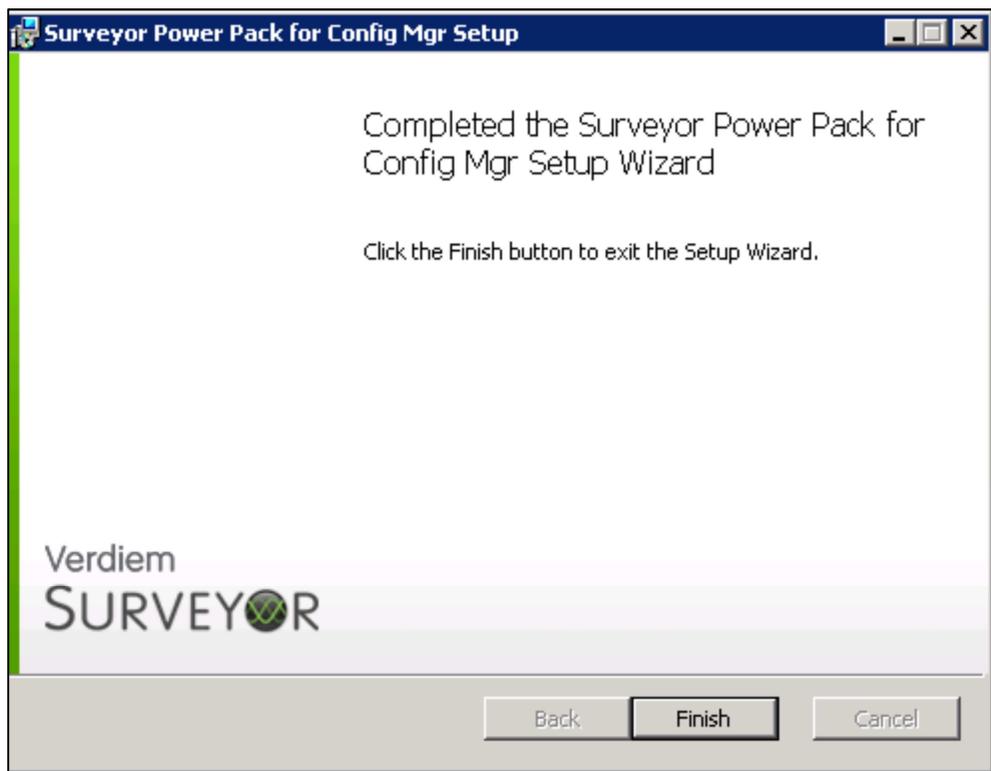
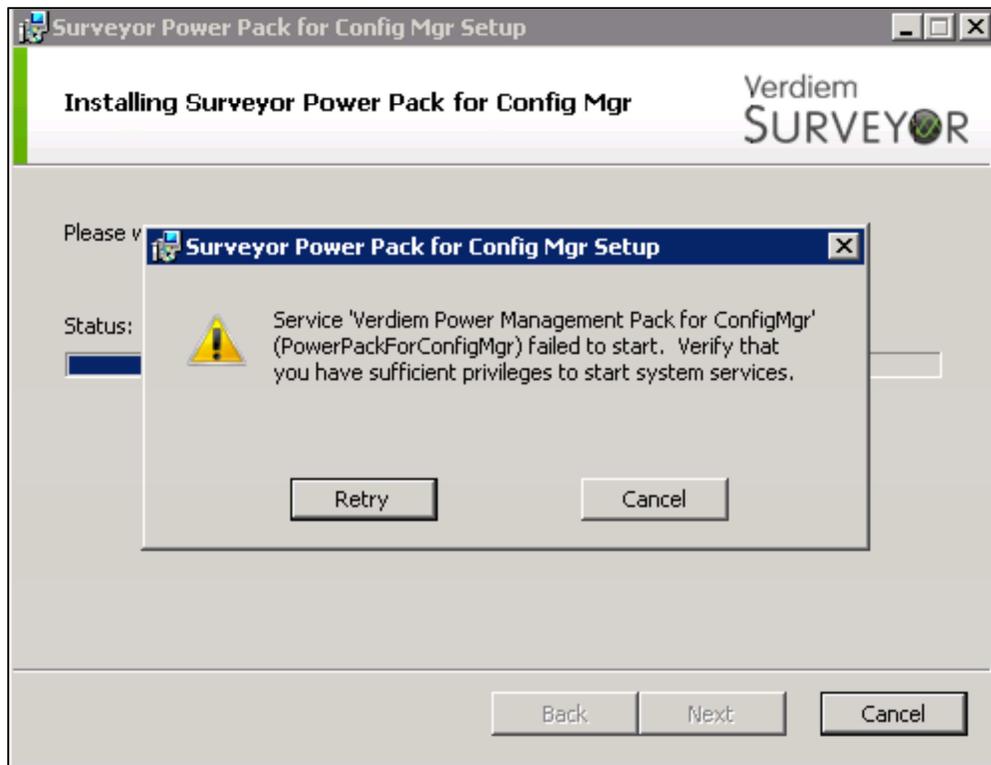
Password:
●●●●●●●●●●

< Back Next > Cancel

After entering the logon user information, click on Next.

Note: The user selected to run the service, has permission to interact with Surveyor Server and also has privileges to the DB of the Surveyor Server.

If invalid logon details are provided, the installation process will fail with an exception as below:

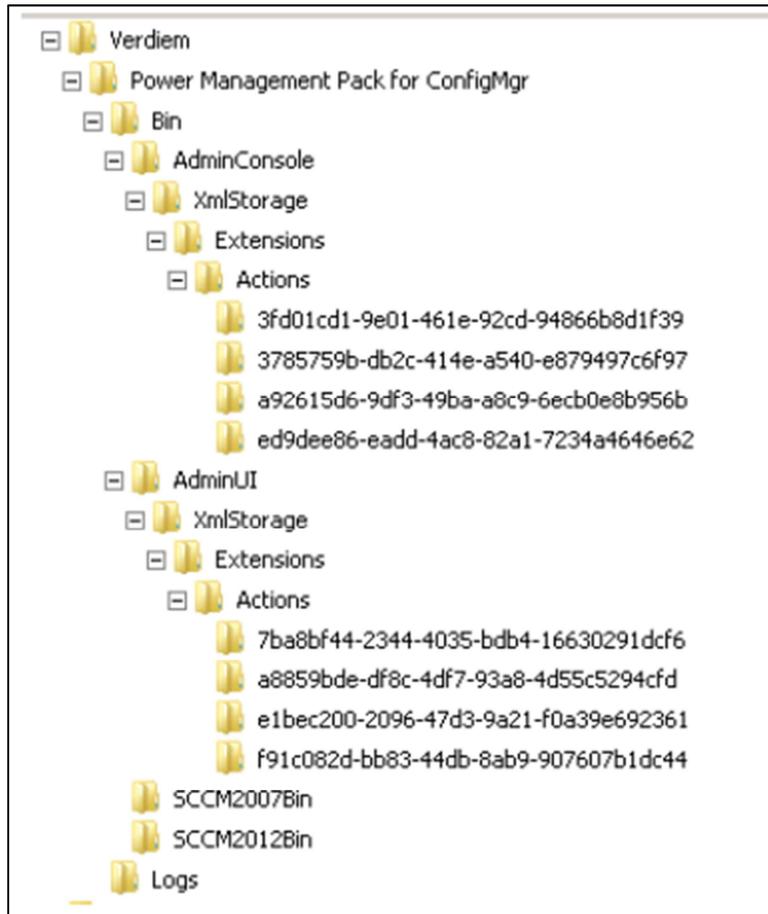


You can confirm the setup by Clicking on Finish button.

Validating the Setup and configuration

Files deployed

- Under the installed directory, C:\Program Files (x86)\Verdiem\Power Management Pack for ConfigMgr, the following file structure is expected to appear:



- You can find the log files under the installed location for the services and Admin Console
- And the PMP processor log can be found under %appdata%\Verdiem\Logs.

Verifying logs for connectivity

To check the logs navigate to (Install path)\Verdiem\Power Management Pack for ConfigMgr\Logs\
For a successful configuration the log looks like:

```

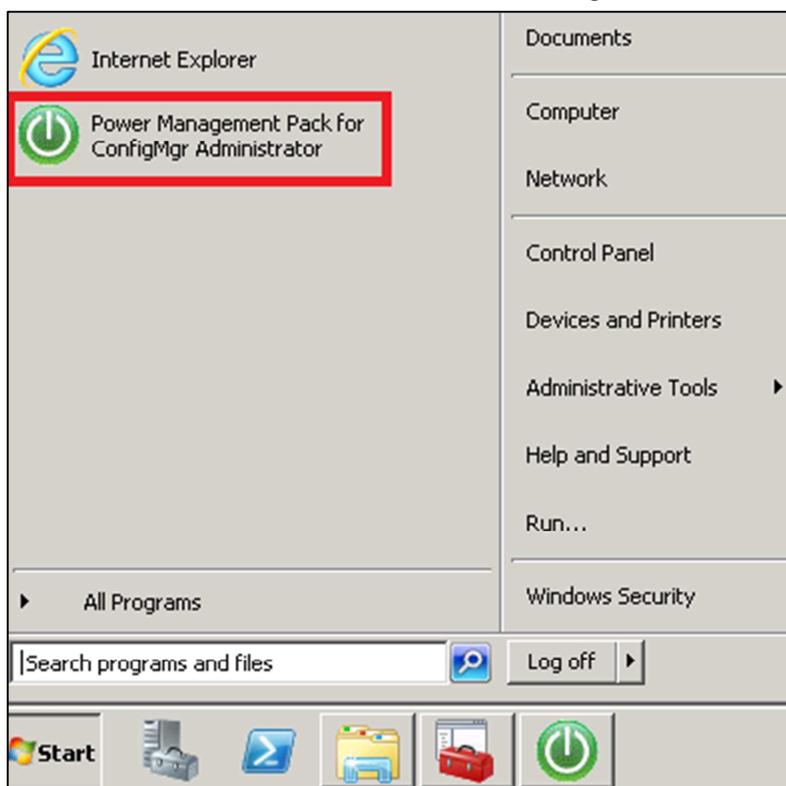
SMS Trace - [C:\Users\stomas1\Desktop\PowerPackForConfigMgr.log]
File Tools Window Help
Log Text
Initializing logger Service, with config ():
Running version 6.1.306.0 with .NET 4.0.30319.18444 on Microsoft Windows NT 6.1.7601 Service Pack 1
Loading config file: C:\Program Files (x86)\Verdiem\Power Management Pack for ConfigMgr\Bin\PowerPackForConfigMgrConfig.xml
Loaded config: <SMSIntegrationConfiguration><GeneralProperties><WakeForAdvertByDefault>True</WakeForAdvertByDefault><OnlyWakeAssignedToSite>true</OnlyWakeAssignedToSite><Only
Initializing logger Service, with config (C:\Program Files (x86)\Verdiem\Power Management Pack for ConfigMgr\Bin\PowerPackForConfigMgrConfig.xml): <SMSIntegrationConfiguration><GeneralProp
Running version 6.1.306.0 with .NET 4.0.30319.18444 on Microsoft Windows NT 6.1.7601 Service Pack 1
Integration Service Starting...
SMSIdentification() = Site identification:Aptean Primary (ATL), Version 5.0 (Build Number 7958), Service Account 'NT AUTHORITY\SYSTEM',Site Server dga1utl01sccm.prod.lclad.com, Provider Se
Successful connection to ConfigMgr. User 'SWG\stomas1' is able see: 1 Advertisements 31 Collections 3453 systems in the All Systems collection to wake for this Site 3308 Status Messages (within
Connected to Surveyor as SWG\stomas1 (S-1-5-21-1211901429-4127454929-894062573-62413), isAdministrator=True. Able to see 29 devices
>>>PowerPackForConfigMgr service started successfully
Polling ConfigMgr... time now=4/24/2015 2:52:21 AM (Eastern Standard Time, 4/24/2015 6:52:21 AM UTC)

```

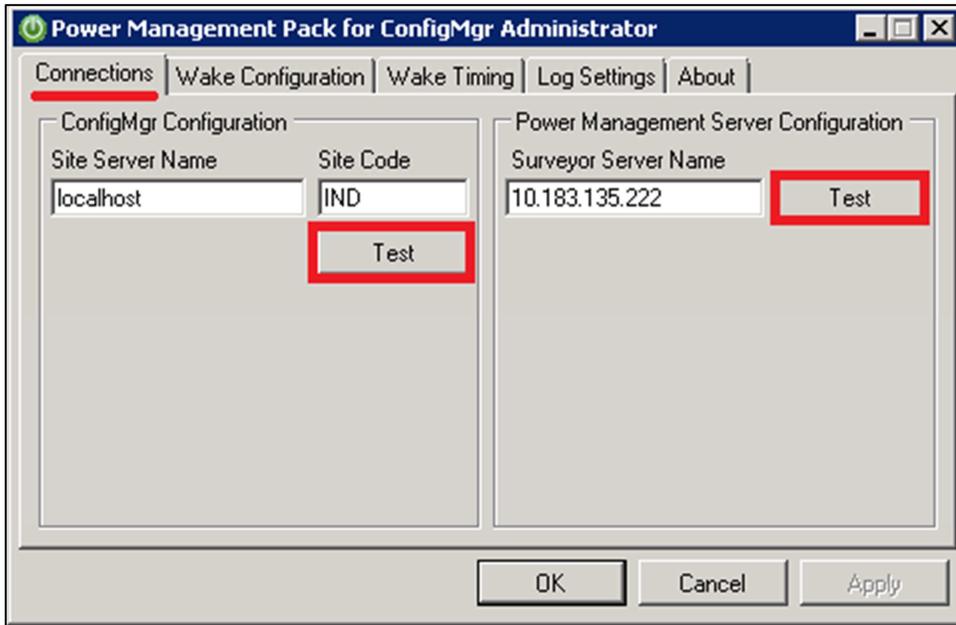
Power Pack Test

To check the connectivity of Power Management Pack for SCCM, we can follow these instructions:

- Go to Start and Search and click on “Power Management Pack for ConfigMgr Administrator”.

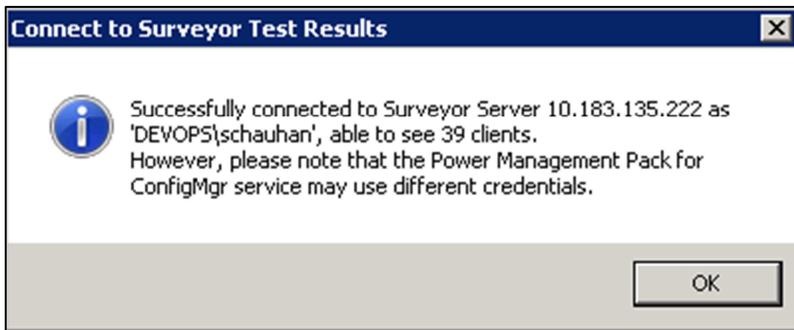


- In the opened Console select “Connections” tab.
- In the connection tab, there will be two sections named “ConfigMgr Configuration” and “Power Management Server Configuration”.



The ConfigMgr Configuration will show the current Site Server Name and the Site Code. To test the scenarios simply press the “Test” button. Similarly, In the Power Management server configurations press the “Test” button to check the connection of the Surveyor Server Name.

- If the tests are successful, the following window will pop up:



Confirming Server Connections upon Startup

The Power Management Pack service starts automatically upon system startup, and you can use the Windows Services Management Console to stop and start it. When the service starts, connections are established to both the power management server and the Configuration Manager Site server. If either the Surveyor server or Configuration Manager Site server is unavailable, the Power Management Pack service will start, but it might fail to connect. To confirm that the connections were made successfully, view the most recent log file, PowerPackForConfigMgr.log, created in the location specified on the **Log Settings** tab of the Power Management Pack Administrator console.

Test Status Message Logging

To confirm that status messages are being logged properly, first you send a test message, and then you view it from the Configuration Manager console.

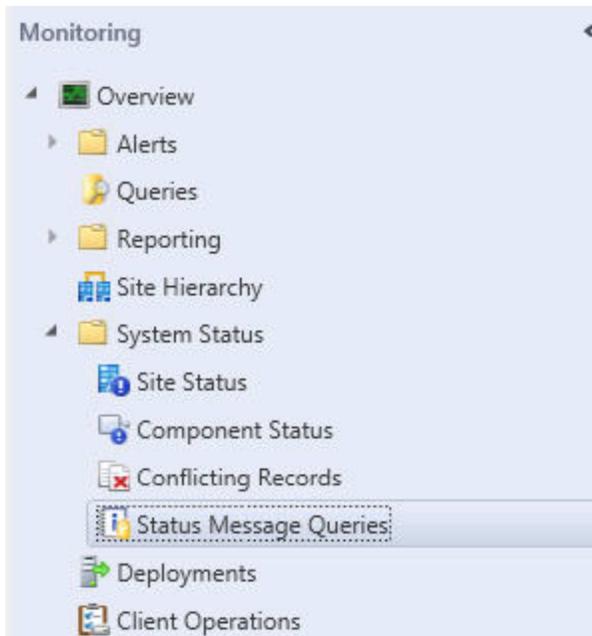
1. Send a test status message:

- a. On the **Log Settings** tab, click **Send Test Message**.
- b. In **Test Status Message** dialog box, type sample message text and click OK.



2. View status messages:

- a. In the Configuration Manager console, navigate to (**Monitor > System Status**) and select **Status Message Queries**.



- b. In the list of queries that appears, right-click **All Status Messages** and choose **Show Messages**.

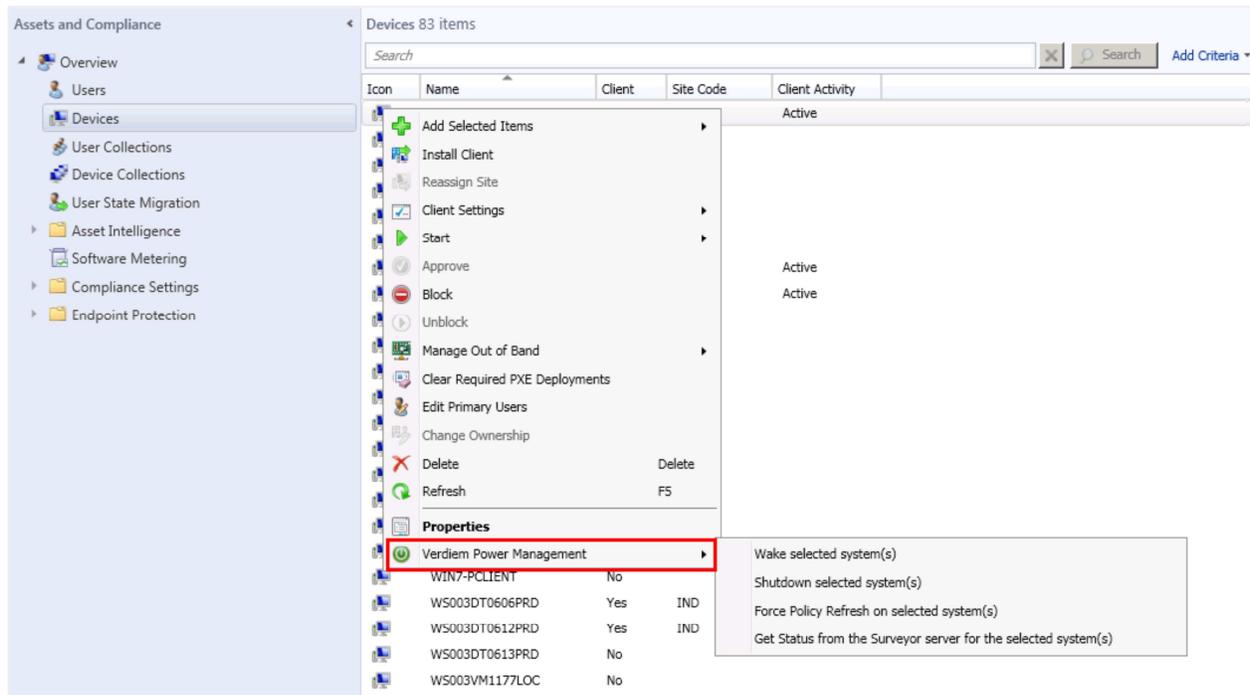
c. In the **All Status Messages** dialog box, specify the time period you are interested in, and click OK.

The **Component** column indicates where a message originated.

Test Power State Changes in the Console Extension

You use the Configuration Manager console extension to perform power state changes from the Configuration Manager console.

1. In the Configuration Manager console, select any view that shows the devices you want to manage.



2. Right-click a device on which you can test power state changes, and then do one of the following:

- -To test shutting down the computer, choose **Verdiem Power Management / Shutdown selected system(s)**.
- -To test waking the computer, choose **Verdiem Power Management / Wake selected system(s)**.