

SCOM Maintenance Mode Scheduler

Azure SCOM Managed Instance Installation Guide

Server Requirements:

- Server running Windows Server 2019 or above.


Instructions

- 1.) Join the Windows Server to the Domain.
- 2.) Install IIS
 - a. Open PowerShell (as an administrator) and run the following:
Add-WindowsFeature NET-WCF-HTTP-Activation45,Web-Static-Content,Web-Default-Doc,Web-Dir-Browsing,Web-Http-Errors,Web-Http-Logging,Web-Request-Monitor,Web-Filtering,Web-Stat-Compression,Web-Mgmt-Console,Web-Metabase,Web-Asp-Net,Web-Windows-Auth -Restart

```
PS C:\Windows\system32> Add-WindowsFeature NET-WCF-HTTP-Activation45,Web-Static-Content,Web-Default-Doc,Web-Dir-Browsing,Web-Http-Errors,Web-Http-Logging,Web-Request-Monitor,Web-Filtering,Web-Stat-Compression,Web-Mgmt-Console,Web-Metabase,Web-Asp-Net,Web-Windows-Auth -Restart
```

Success	Restart Needed	Exit Code	Feature Result
True	No	Success	{ASP.NET 4.8, .NET Framework 3.5 (includes...

```
PS C:\Windows\system32> _
```

- 3.) **Reboot** the Server
- 4.) Copy the **SCOM Maintenance Mode Scheduler.msi** file over to the Management Server.
- 5.) Double click on **SCOM Maintenance Mode Scheduler.msi** file.
- 6.) Click **Next**
- 7.) **Read** and **Accept** the License Agreement, then click **Next**
- 8.) On the **Ready to Install** screen click **Install**
- 9.) Click **Yes** on the next screen.
- 10.) On the **Completing Setup Page** leave the Launch SCOM Maintenance Mode Scheduler **checkbox checked** and **Click Finish**
- 11.) If you unchecked the Launch box on the last screen, you can also run it from the **Desktop** with the wrench Icon
 called **SCOM Maintenance Mode Configuration**.
- 12.) **Double click** the icon.
- 13.) For Management Server Type in the name of the Load Balancer for the SCOM Managed Instance.



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There is a new version of SCOM Managed Instance that contains bug fixes and up

Essentials

Resource group : SCOM-RG

Subscription (move) : Microsoft Azure Sponsorship 2

Subscription ID : a889cd55-0ef1-4e27-a615-2ef52e22aac7

Location (move) : East US

Version : 1.0.91

Tags (edit) : Add tags

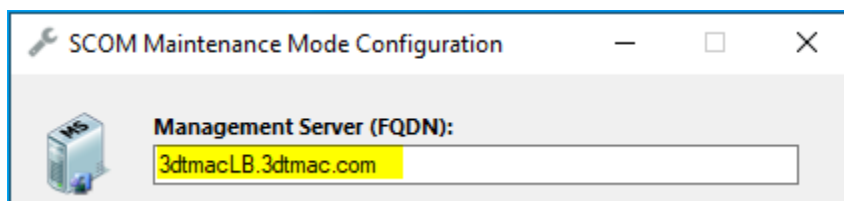
Get started Properties Resources

gMSA Account Details

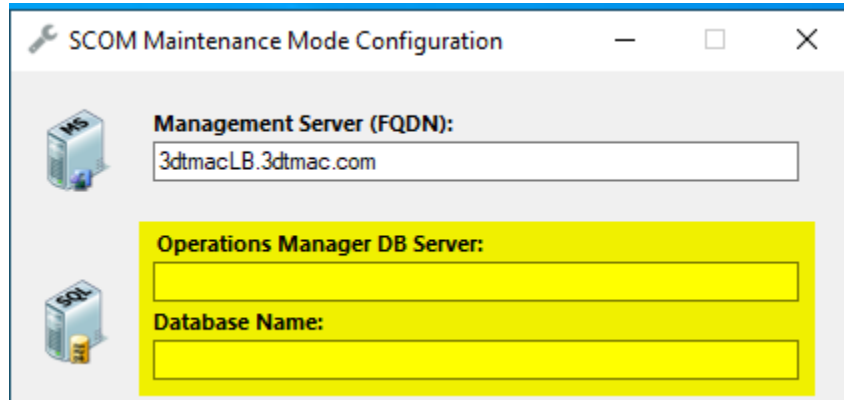
gMSA account name	3dtmac\scomMlgMSA\$
Computer group name	scomadmins

Load Balancer

Frontend IP	10.0.0.50
DNS name	3dtmacLB.3dtmac.com

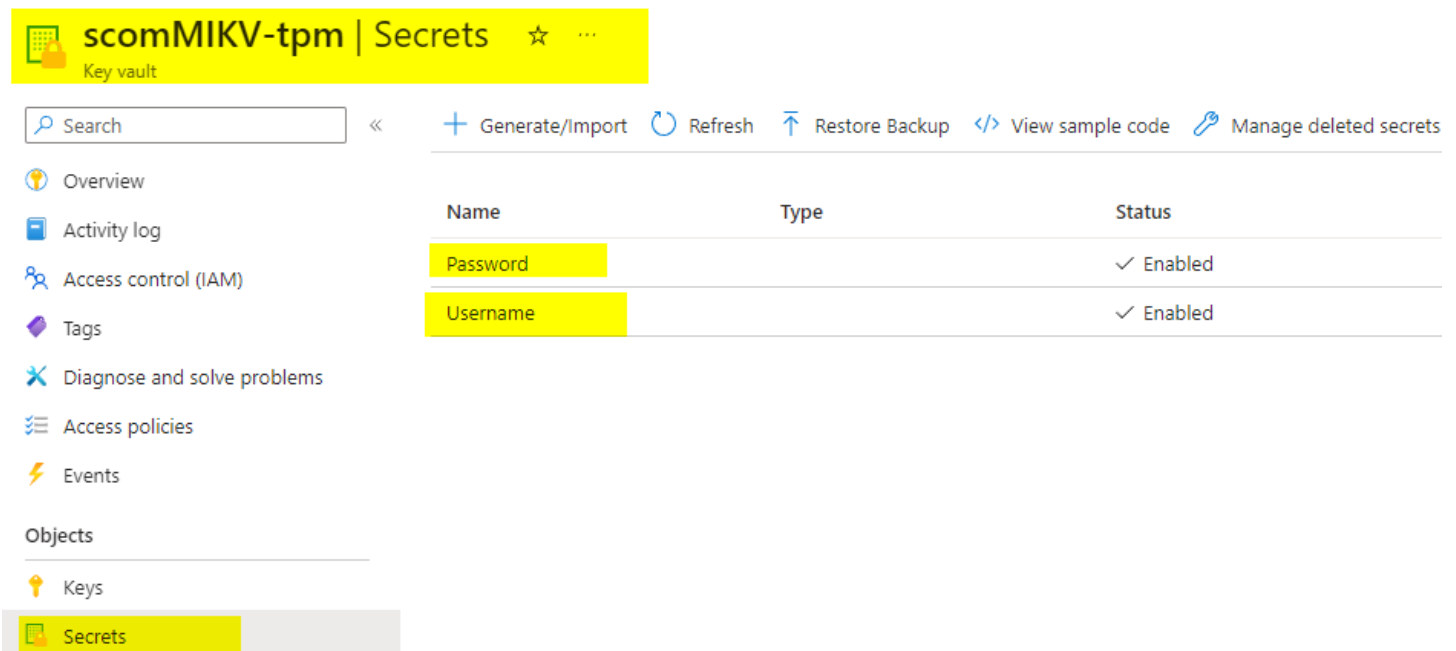


14.) Leave the **Operations Manager DB Server** and **Database Name Blank**.



The image shows a Windows application window titled "SCOM Maintenance Mode Configuration". It contains two server icons on the left: a "WS" (Windows Server) icon and an "SQL" (Microsoft SQL Server) icon. The "WS" icon is associated with the "Management Server (FQDN):" field, which contains the text "3dtmacLB.3dtmac.com". The "SQL" icon is associated with the "Operations Manager DB Server:" and "Database Name:" fields. Both of these fields are highlighted with a yellow background and are currently empty.

15.) For the **System Center Data Access Account (DAS)** go to **Key Vault** where you stored the **Username** and **Password** when you installed the **SCOM Managed Instance** and get the **Username** and **Password**.



The image shows the Azure Key Vault interface for a vault named "scomMIKV-tpm". The left sidebar contains a list of navigation options: Overview, Activity log, Access control (IAM), Tags, Diagnose and solve problems, Access policies, Events, Objects, Keys, and Secrets. The "Secrets" option is selected and highlighted. The main area displays a table of secrets. The table has three columns: Name, Type, and Status. There are two secrets listed: "Password" and "Username". Both secrets have a status of "Enabled".

Name	Type	Status
Password		✓ Enabled
Username		✓ Enabled



d55dde9ceb3b4b7c99b348ea1b5eb84c



Secret Version

Properties

Created 11/14/2023, 11:30:18 PM

Updated 11/14/2023, 11:30:18 PM

Secret Identifier <https://scommikv-tpm.vault.azure.net/secrets/Username/d55dde9ce...>

Settings

Set activation date ☐

Set expiration date ☐

Enabled Yes No

Tags 0 tags

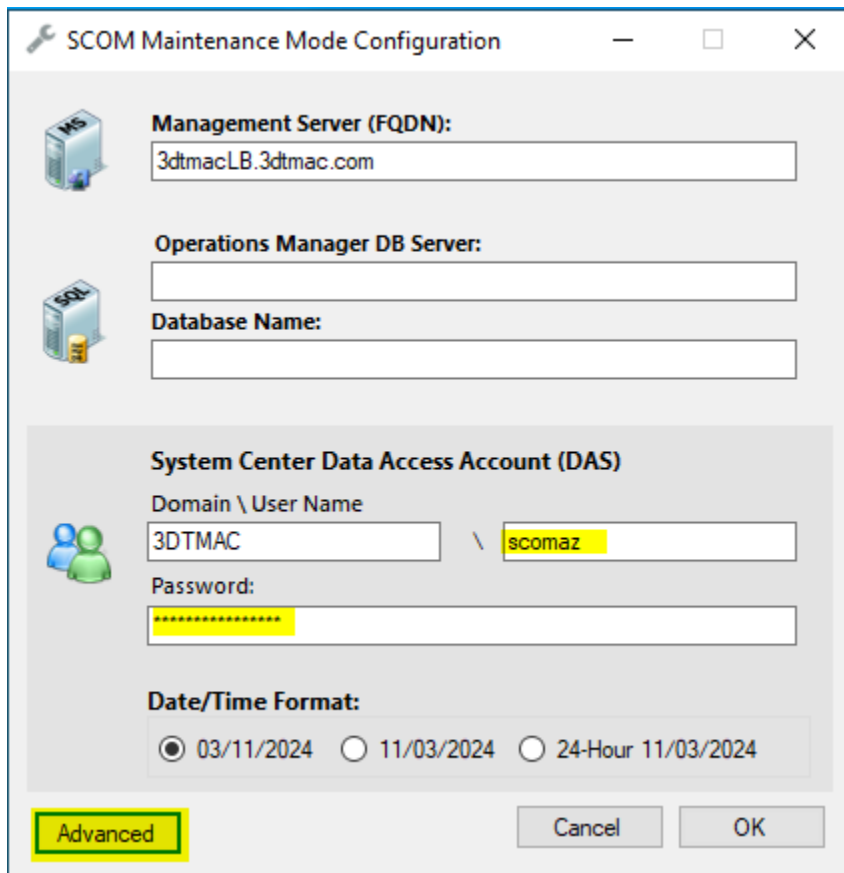
Secret

Content type (optional)

Hide Secret Value

Secret value 3dtmac\scomaz

16.) Copy and paste the Username and Password in the System Center Data Access Account (DAS) boxes. Make sure you separate out the username and domain.



SCOM Maintenance Mode Configuration

Management Server (FQDN):

Operations Manager DB Server:

Database Name:

System Center Data Access Account (DAS)

Domain \ User Name
 \

Password:

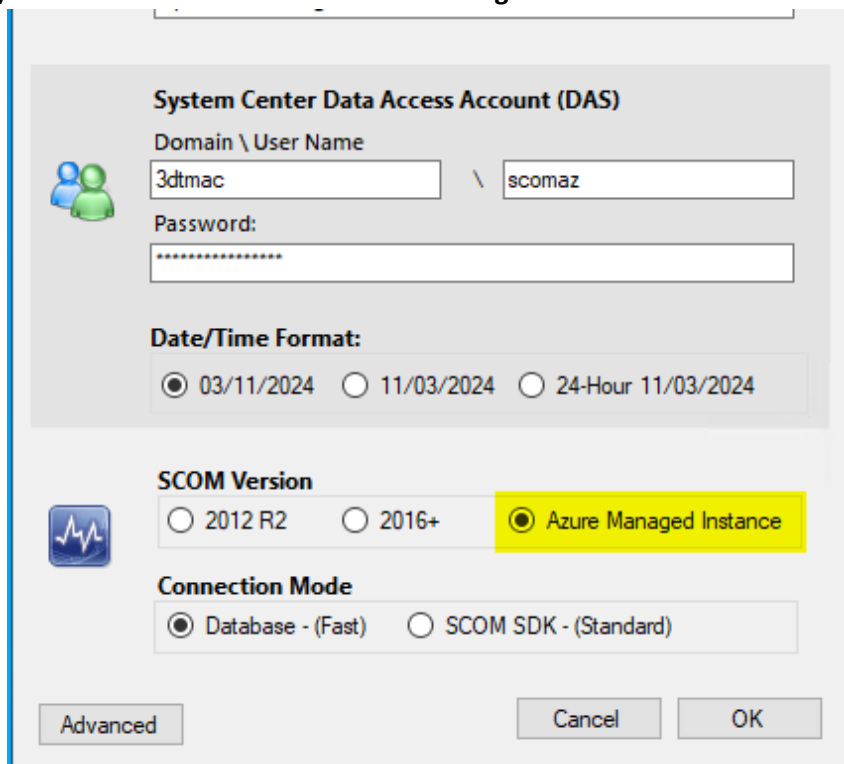
Date/Time Format:
☒ 03/11/2024 ☐ 11/03/2024 ☐ 24-Hour 11/03/2024

Advanced Cancel OK

17.) Choose the **Date Format** you would like to use.

18.) Click the Advanced Button

19.) Under **SCOM Version** Select **Azure Managed Instance**.



System Center Data Access Account (DAS)

Domain \ User Name
 \

Password:

Date/Time Format:
☒ 03/11/2024 ☐ 11/03/2024 ☐ 24-Hour 11/03/2024

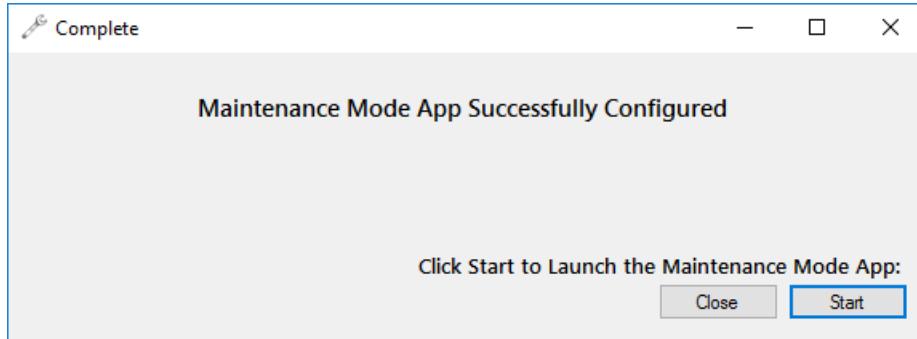
SCOM Version
☐ 2012 R2 ☐ 2016+ ☒ Azure Managed Instance

Connection Mode
☒ Database - (Fast) ☐ SCOM SDK - (Standard)

Advanced Cancel OK

20.) Click **OK**

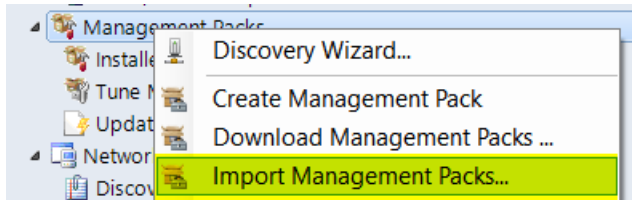
21.) On the complete screen click **Start** to Launch the Maintenance Mode Application



22.) If you get any error. Please send us an e-mail at support@scom2k7.com or open a ticket at <https://www.scom2k7.com/support/> we are happy to help with any issues.

Import the SCOM Maintenance Mode Scheduler Management Pack (Recommended)

- 1.) Open the SCOM Console and Select the Administration Pane.
- 2.) Under Management Packs. Right click and select Import Management Packs

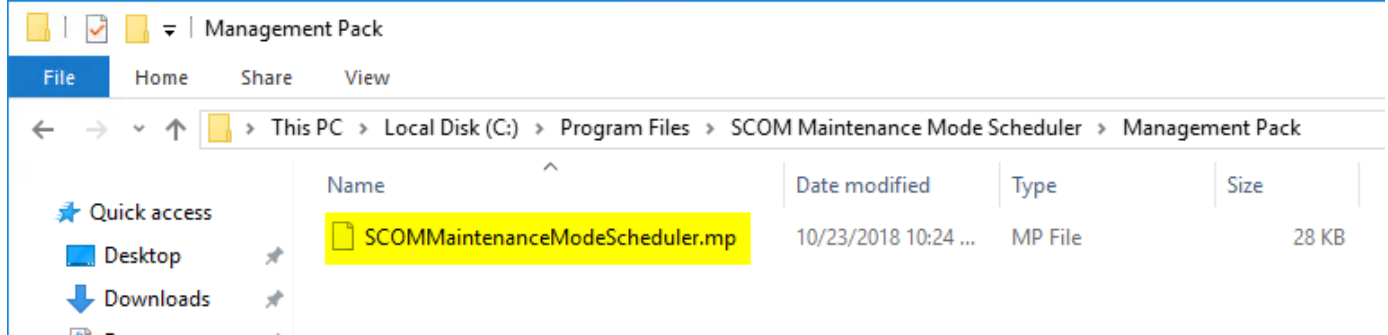


- 3.) Select Add From disk

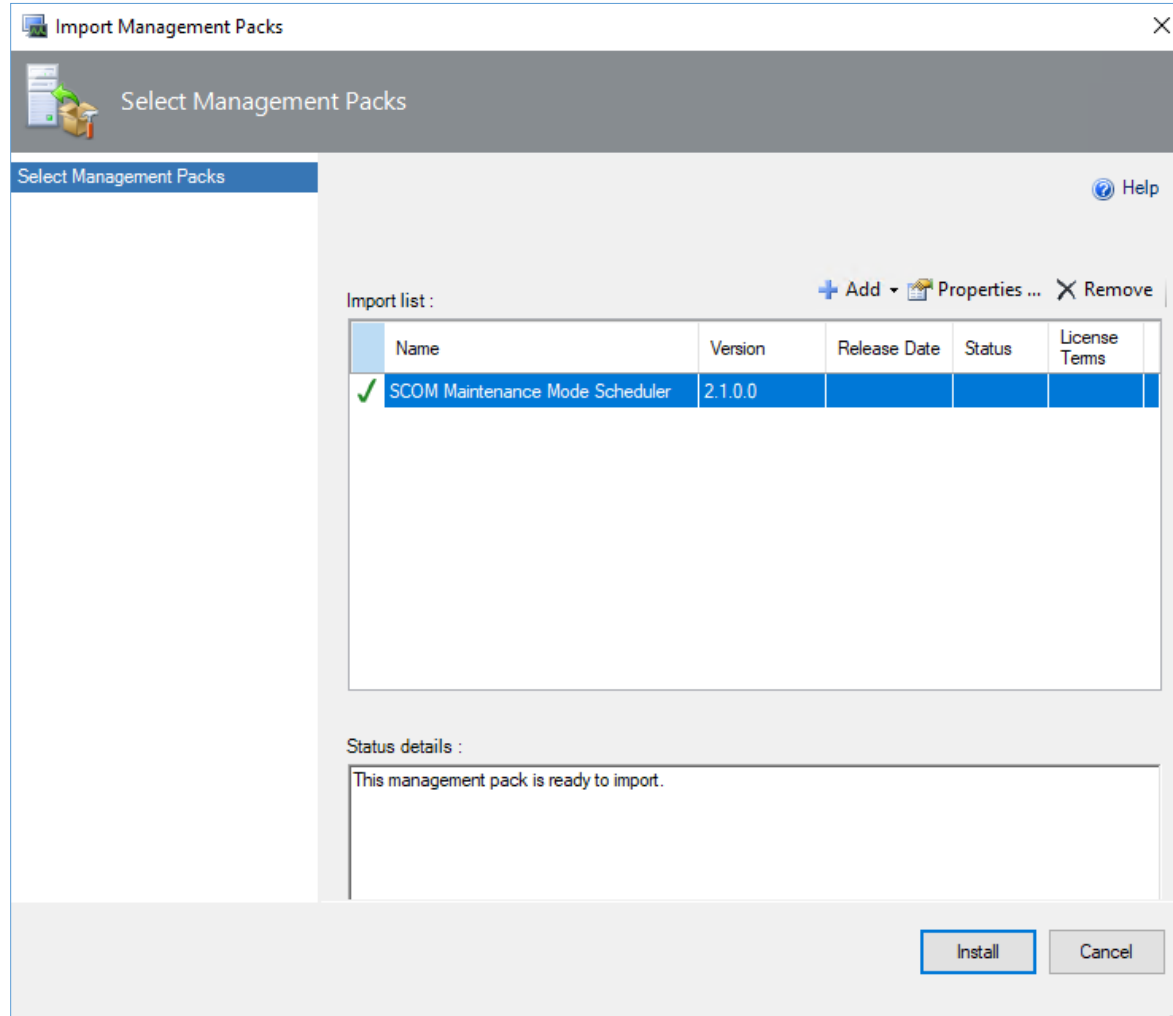


- 4.) Select No on the Online Catalog Connection dialog
- 5.) Browse out to the MM Scheduler install directory. C:\Program Files\SCOM Maintenance Mode Scheduler\Management Pack

6.) Select the SCOMMaintenanceModeScheduler.mp file.



7.) Click the install button.



8.) Click Close

9.) Go to the Monitoring Pane and you will see the new SCOM Maintenance Mode Scheduler. (Note: It will take some time for the objects to be discovered)

