



SCOM 2012

Maintenance Mode Scheduler

Administration Guide

This guide will cover how to customize and lock down the SCOM 2012 Maintenance Mode Scheduler for your end users.

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Customize Look and Feel

In this scenario the SCOM admin only wants users to schedule Computers into Maintenance Mode.

- 1.) Go to the hidden Admin.aspx page. <http://yourMSserver/MMWeb/Admin.aspx>
- 2.) Go to the Customization Section
- 3.) Uncheck **Unix Page, Group Page, Class Page, Subscription Page, and One Click MM Page.**
- 4.) Click **Save**

Now when a user launches the Maintenance Mode scheduling tool he will see a much simpler interface with only the Computer Tab, and Manage Tab showing up.

The screenshot shows a web browser window with the URL <http://zom01/MMWeb/Admin.aspx>. The page title is "SCOM 2012 Administration Maintenance Mode Scheduler" with "Version 8.0.0" below it. The page is divided into two main sections: "Configuration" and "Customization".

Configuration Section:

- Scom SDK Account: (domain\account): SCOM2K12\scomsdk
- Password: [Empty field]
- MS Server: ZOM01
- OperationsManager DB Server: zDB01
- Database Name: OperationsManager
- Save button

Customization Section:

- Date Format: MM/dd/yyyy dd/MM/yyyy 24-Hour Time dd/MM/yyyy
- Include User Name In Comments: ** Requires IIS Windows Authentication See: <http://bit.ly/1iqB3t0>
- Auditing To Event Log:
- Unix Page: (highlighted in yellow)
- Group Page: (highlighted in yellow)
- Class Page: (highlighted in yellow)
- Subscription Page: (highlighted in yellow)
- Manage Page: (highlighted in yellow)
- One Click MM Page: (highlighted in yellow)
- One Click Maintenance Mode Minutes: 60
- Save button



http://xom01/MMWeb/

Computers



SCOM 2012

Maintenance Mode Scheduler

Computers

Manage

Computers:

[Click Here To Select Computers For Maintenance Mode](#)

Start Time:

10/30/2015 10:56 PM

End Time:

10/30/2015 11:26 PM

Recurrence:

Once



Category:

Other (Planned)



Comment:

Cancel

Schedule

[Advanced..](#)

Enable Auditing of Jobs

In this scenario the SCOM admin wants to track when a SCOM MM job is created.

- 1.) Go to the **hidden Admin.aspx** page. <http://yourMSserver/MMWeb/Admin.aspx>
- 2.) Under the **Customization Section**
- 3.) Verify that Auditing to Event Log is checked.

Customization

Date Format: MM/dd/yyyy dd/MM/yyyy 24-Hour Time dd/MM/yyyy

Include User Name In Comments: -- Requires IIS Windows Authentication See: <http://bit.ly/1iqB3t0>

Auditing To Event Log:

Unix Page:

Group Page:

Class Page:

Subscription Page:

Manage Page:

One Click MM Page:

One Click Maintenance Mode Minutes:

- 4.) Create a new **Scheduled Maintenance Mode** Job for a computer.
- 5.) Go to the **Application event log** on the MS Server that the SCOM 2012 Maintenance Mode Scheduler is installed.
- 6.) You should see a new **informational event 711** with and **event source of SCOM2012MMScheduler**

The screenshot shows the Windows Event Viewer interface. The left pane displays the 'Event Viewer (Local)' tree with 'Application' selected under 'Windows Logs'. The main pane shows a table of events with the following data:

Level	Date and Time	Source	Event ID	Task Category
Information	5/4/2014 11:56:07 PM	SCOM2012MMScheduler	711	None
Information	5/4/2014 11:55:54 PM	SCOM2012MMScheduler	711	None

Below the table, the details for 'Event 711, SCOM2012MMScheduler' are shown in the 'General' tab:

SCOM 2012 Maintenance Mode Scheduler Job Created

Job Name: xDB01.scom2k12.com - 30 minutes Maintenance Mode - 74801222

Computer: xDB01.scom2k12.com

Schedule: Once on 5/5/2014 12:01:00 AM

Number of Minutes: 30

Comment: 74801222

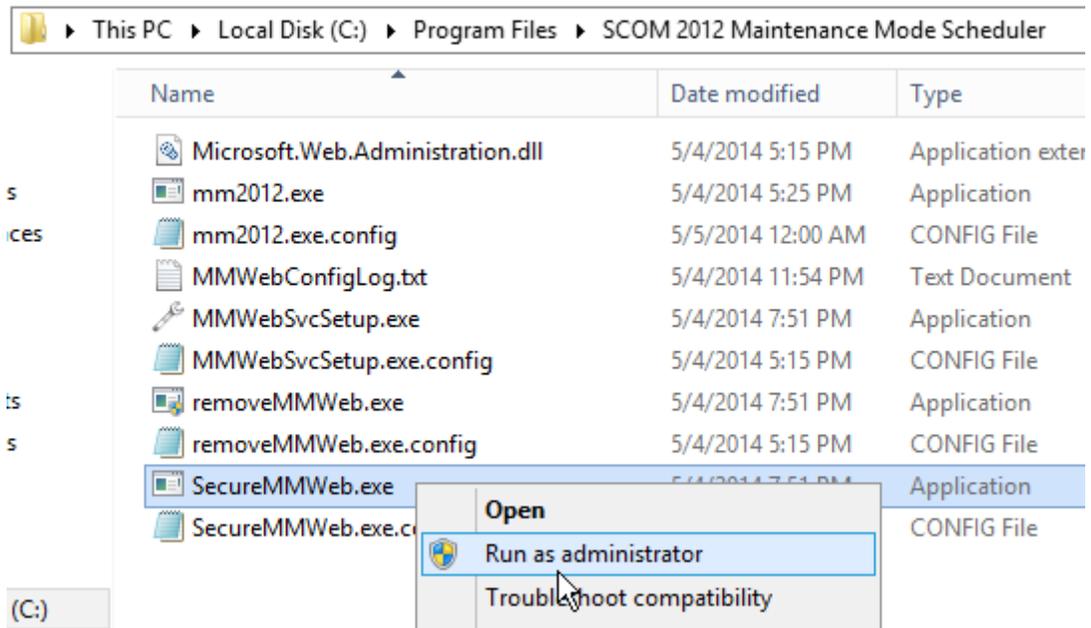
Created By:

- 7.) You will notice in the details of the Event Log entry that Created By is blank. In the next few scenarios we will populate that information.

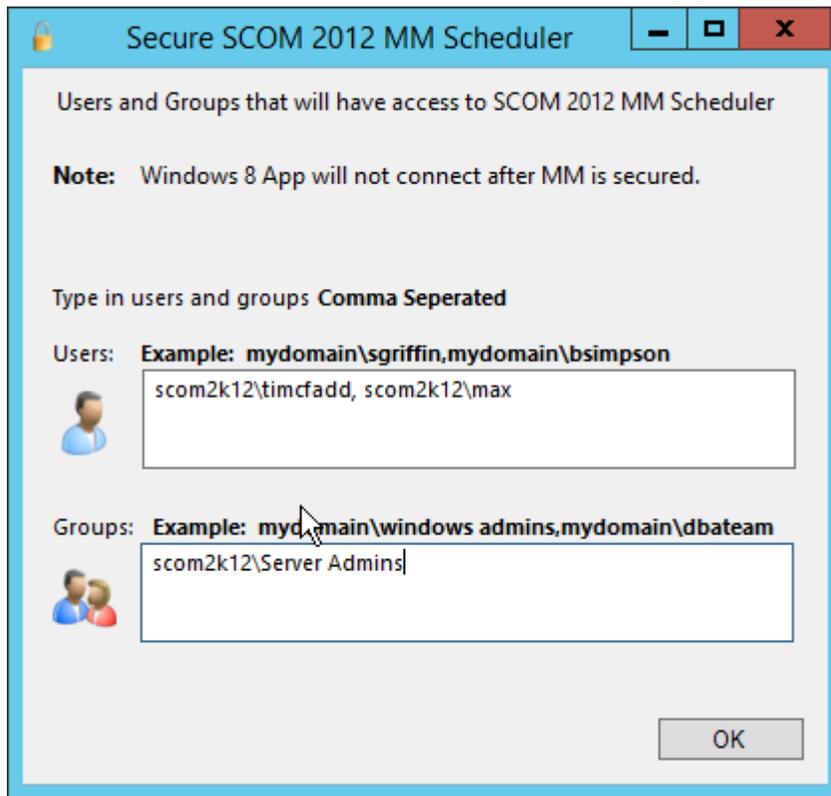
Control Access to the Maintenance Mode Scheduler Website

In this scenario the SCOM admin wants to limit who can access the Maintenance Mode Scheduler tool.

- 1.) Log into the Management Server where the SCOM 2012 Maintenance Mode Scheduler is installed. Browse out to C:\Program Files\SCOM 2012 Maintenance Mode Scheduler
- 2.) Right click on the file SecureMMWeb.exe and click Run as Administrator

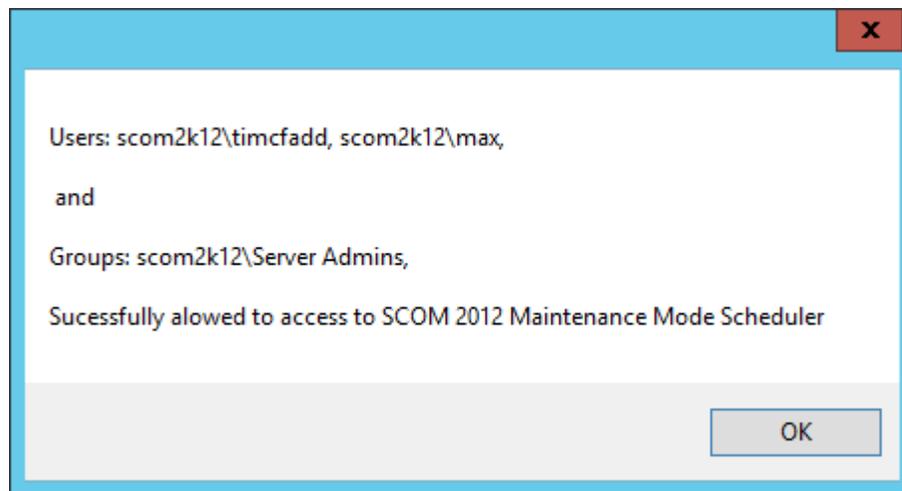


- 3.) On the User Access Control dialog pick Yes
- 4.) The Secure SCOM 2012 MM Scheduler tool will launch
- 5.) Type in the domain users and domain groups you want to have access to the tool. Make sure you grant yourself access as well. For multiple users and groups, use a comma to separate them.



6.) Click OK

7.) You should get a pop up dialog telling you that the users and groups have been successfully granted access.



8.) The website is now secure and users will be authenticated before they are allowed access to the site.

Capture Who is creating maintenance mode jobs

In this scenario the SCOM admin wants to automatically track who is scheduling maintenance mode jobs.

- 1.) First complete the previous scenario above called "Control Access to the Maintenance Mode Scheduler Website"
- 2.) Then go to the hidden Admin.aspx page. <http://yourMSserver/MMWeb/Admin.aspx>
- 3.) Under the **Customization** Section
- 4.) Click **Include User Name in Comments**

Customization

Date Format: MM/dd/yyyy dd/MM/yyyy 24-Hour Time dd/MM/yyyy

Include User Name In Comments: ** Requires IIS Windows Authentication See: <http://bit.ly/1iqB3t0>

Auditing To Event Log:

Unix Page:

Group Page:

Class Page:

Subscription Page:

Manage Page:

One Click MM Page:

One Click Maintenance Mode Minutes:

- 5.) Click Save

Now schedule a Computer job for Maintenance Mode



SCOM 2012 Maintenance Mode Scheduler

Computers

Unix/Linux

Group

Class

Subscription

Manage

One Click MM

Computers:

zdb01.scom2k12.com x

Start Time:

03/29/2016 03:22 PM

End Time:

03/29/2016 03:52 PM

Recurrence:

Once



Category:

Other (Planned)



Comment:

Cancel

Schedule

[Advanced..](#)

zdb01.scom2k12.com - 30 minutes Maintenance Mode - 67751313

Scheduled Successfully

If you go to the Application Event log we will see the Create By is now populated in the details

Application Number of events: 4,714				
Level	Date and Time	Source	Event ID	Task Category
Information	3/29/2016 3:21:18 PM	SCOM2012MMScheduler	711	None
Event 711, SCOM2012MMScheduler				
General Details				
SCOM 2012 Maintenance Mode Scheduler Job Created				
Job Name: zdb01.scom2k12.com, - 30 minutes Maintenance Mode - 67751313				
Schedule: Once on 03/29/2016 03:22 PM				
Number of Minutes: 30				
Comment: 67751313				
Created By: SCOM2K12\max				

If you go to the Manage tab you will now see it in the comments.

http://zom01/MMWeb/Manage.aspx Manage

SCOM 2012 Maintenance Mode Scheduler

Computers Unix/Linux Group Class Subscription **Manage** One Click MM

Jobs:

- All Windows Computers - 30 minutes Maintenance Mode - Old Group
- IIS Computer Group - 30 minutes Maintenance Mode - Old Group
- xdv02.scom2k12.com (+ 2 Additional Computers) - 30 minutes Maintenance Mode - 47597083
- xdz01.scom2k12.com (+ 2 Additional Computers) - 30 minutes Maintenance Mode - 72687292
- zdb01.scom2k12.com - 30 minutes Maintenance Mode - 67751313**

Enabled: Yes No

Next Runtime: Never

Last Runtime: 03/29/2016 03:22 PM

Schedule: At 3:22 PM on 3/29/2016

Objects: zDB01.scom2k12.com

Comments: 67751313 - SCOM2K12\max

Delete Job Stop Maintenance Mode

When the job actually runs you will also see it in the comments section as well

The screenshot shows a 'Maintenance Mode Settings' dialog box. The background interface includes a 'Detail View' at the bottom left and a top status bar with indicators: 'Not monitored', 'Healthy', and several 'zDB01.scom2k1...' entries with 'Not monitored' status.

Maintenance Mode Settings

Apply to

- Selected objects only
- Selected objects and all their contained objects

Category Planned
Other (Planned)

Comment
67751313 - SCOM2K12\max

Duration

- Number of minutes: 16 (5 minute minimum)
- Specific end time: Tuesday , March 29, 2016 3:51:24 PM

These features are temporarily suspended for objects in Maintenance Mode:

- Rules and monitors
- Notifications
- Automatic responses
- State changes
- New alerts

OK Cancel

Modify One Click Maintenance Mode Minutes

In this scenario users only want servers to go into maintenance mode for 10 minutes when clicking One **Click Maintenance Mode**

- 1.) Go to the **hidden Admin.aspx** page. <http://yourMSserver/MMWeb/Admin.aspx>
- 2.) Under the **Customization Section**
- 3.) Change the value of One Click Maintenance Mode minutes from 60 to 10.

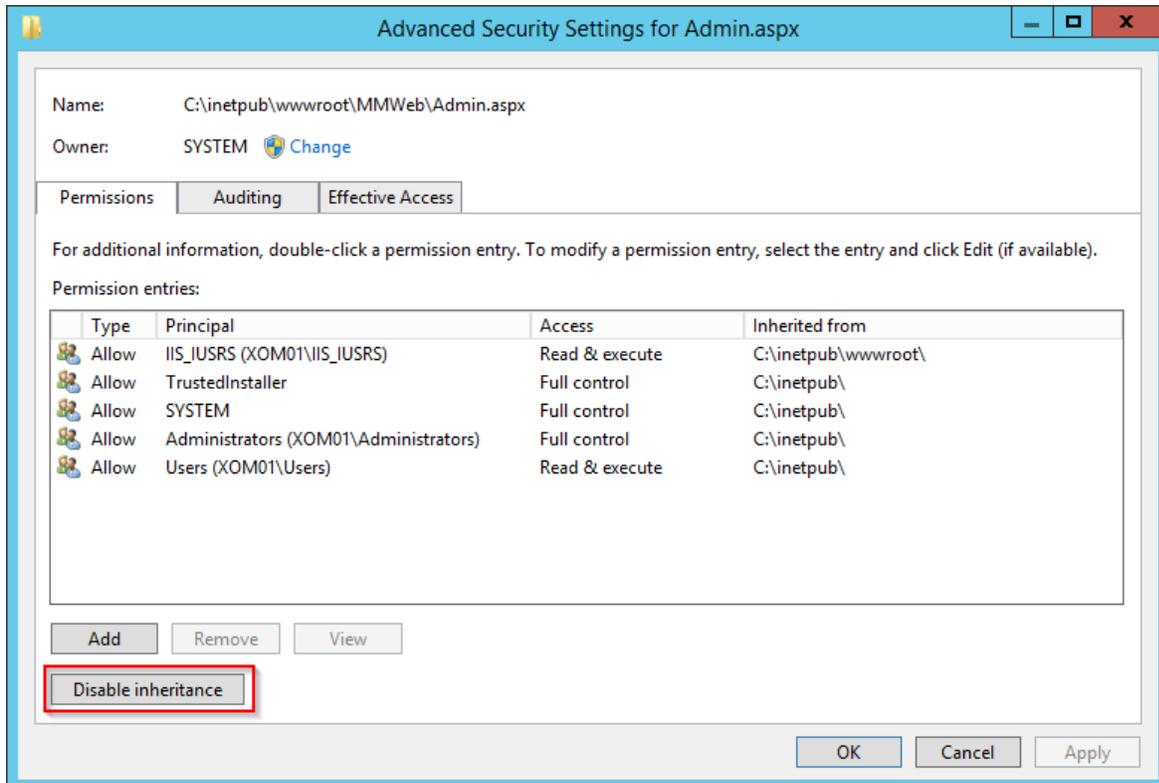
Customization

Date Format:	<input checked="" type="radio"/> MM/dd/yyyy	<input type="radio"/> dd/MM/yyyy	<input type="radio"/> 24-Hour Time dd/MM/yyyy
Include User Name In Comments:	<input checked="" type="checkbox"/>	** Requires IIS Windows Authentication See: http://bit.ly/1iqB3t0	
Auditing To Event Log:	<input checked="" type="checkbox"/>		
Unix Page:	<input checked="" type="checkbox"/>		
Group Page:	<input checked="" type="checkbox"/>		
Class Page:	<input checked="" type="checkbox"/>		
Subscription Page:	<input checked="" type="checkbox"/>		
Manage Page:	<input checked="" type="checkbox"/>		
One Click MM Page:	<input checked="" type="checkbox"/>		
One Click Maintenance Mode Minutes:	<input type="text" value="60"/>		
		<input type="button" value="Save"/>	

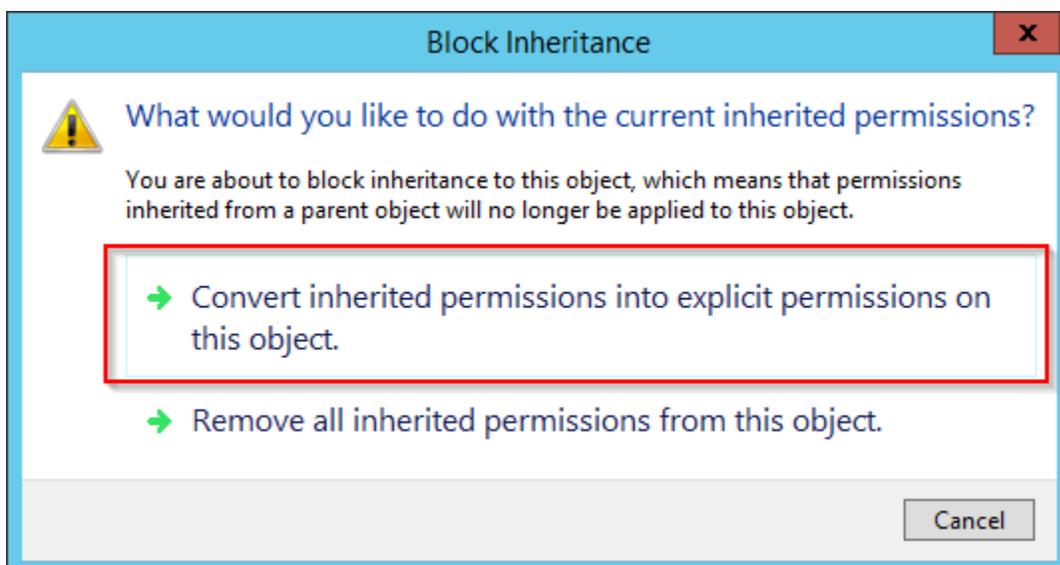
Secure Admin.aspx

In this scenario the SCOM administrator want to secure access to Admin.aspx or Manage.aspx

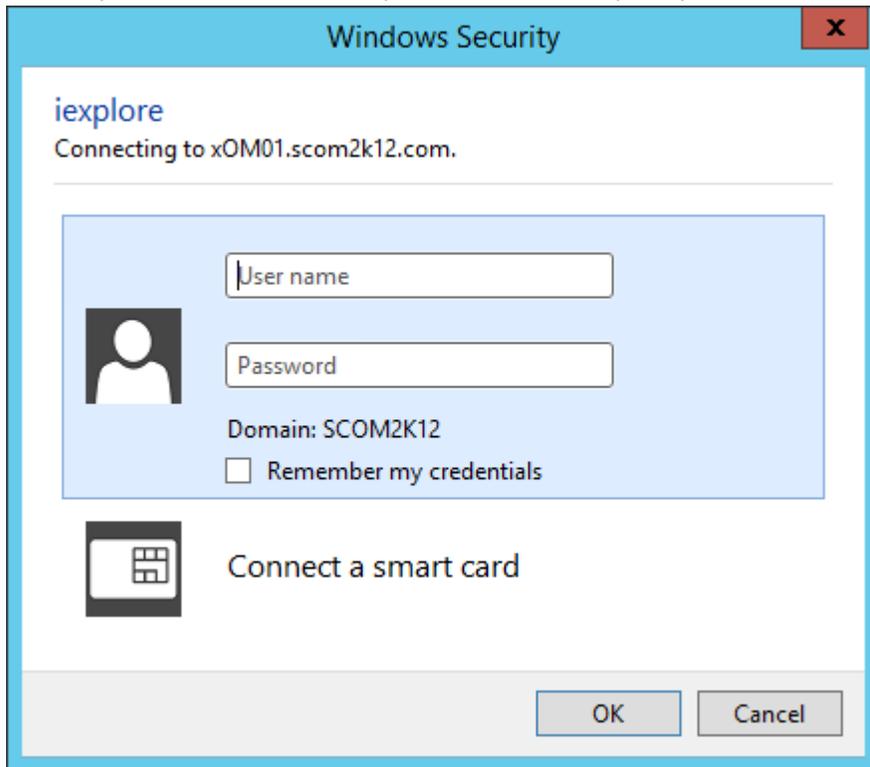
- 1.) First Make sure you have set the site to use Windows Authentication. [Control Access to the Maintenance Mode Scheduler Website](#)
- 2.) Right click on the Admin.aspx file under C:\inetpub\wwwroot\MMWeb
- 3.) Under the **Security Tab**. Click the **Advanced button**
- 4.) Select Disable inheritance



- 5.) Then select Convert inherited permissions into explicit permissions on this object.



- 6.) Remove users and any other groups you don't want to have access to Admin.aspx.
- 7.) Click OK and OK.
- 8.) Now any use who doesn't have permissions will be prompted for credentials.



Change Date Format

- 1.) Go to the hidden Admin.aspx page. <http://yourMSserver/MMWeb/Admin.aspx>
- 2.) Under the **Customization** Section
- 3.) Change click on the Radio button for you correct Date Format.

Customization

Date Format:

MM/dd/yyyy
 dd/MM/yyyy
 24-Hour Time dd/MM/yyyy

Include User Name In Comments:

↔ Requires IIS Windows Authentication See: <http://bit.ly/1iqB3t0>

Auditing To Event Log:

Unix Page:

Group Page:

Class Page:

Subscription Page:

Manage Page:

One Click MM Page:

One Click Maintenance Mode Minutes:

60

Save