



# 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 **Group Tab**, **Class Tab**, **Subscription Tab**, and **One Click MM Tab**.
- 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://xom01/MMweb/Admi>. The page title is "SCOM 2012 Administration Maintenance Mode Scheduler" with "Version 4.0" below it. The page is divided into two main sections: "Configuration" and "Customization".

**Configuration Section:**

- Scom SDK Account: (domain\account): SCOM2K12\lom\_das
- Password: (empty field)
- MS Server: XOM01
- OperationsManager DB Server: xDB01
- Save button

**Customization Section:**

- Date Format: ☒ MM/dd/yyyy ☐ dd/MM/yyyy
- Include User Name In Comments: ☐ \*\* Requires IIS Windows Authentication See: <http://bit.ly/1iqB3t0>
- Auditing To Event Log: ☒
- Group Tab: ☐
- Class Tab: ☐
- Subscription Tab: ☐
- Manage Tab: ☐
- One Click MM Tab: ☒
- One Click Maintenance Mode Minutes: 60
- Save button

A red rectangle highlights the "Group Tab", "Class Tab", "Subscription Tab", "Manage Tab", and "One Click MM Tab" checkboxes, indicating they should be unchecked according to the instructions.



http://xom01/MMweb/

xom01



# SCOM 2012

## Maintenance Mode Scheduler

Computer

One Click MM

Computer:

xAP01.scom2k12.com



Start Time:

06/20/2014 06:46 PM

End Time:

06/20/2014 07:16 PM

Frequency:

Once



Category:

Other (Planned)



Comment:

Cancel

Schedule

## 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

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

**Auditing To Event Log:** ☒

Group Tab: ☒

Class Tab: ☒

Subscription Tab: ☒

Manage Tab: ☒

One Click MM Tab: ☒

One Click Maintenance Mode Minutes:

**Save**

- 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 application. The left pane displays the 'Event Viewer (Local)' tree with 'Application' selected under 'Windows Logs'. The right pane shows a list of events with the following details:

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 list, the details for 'Event 711, SCOM2012MMScheduler' are shown. The 'General' tab is active, displaying the following information:

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

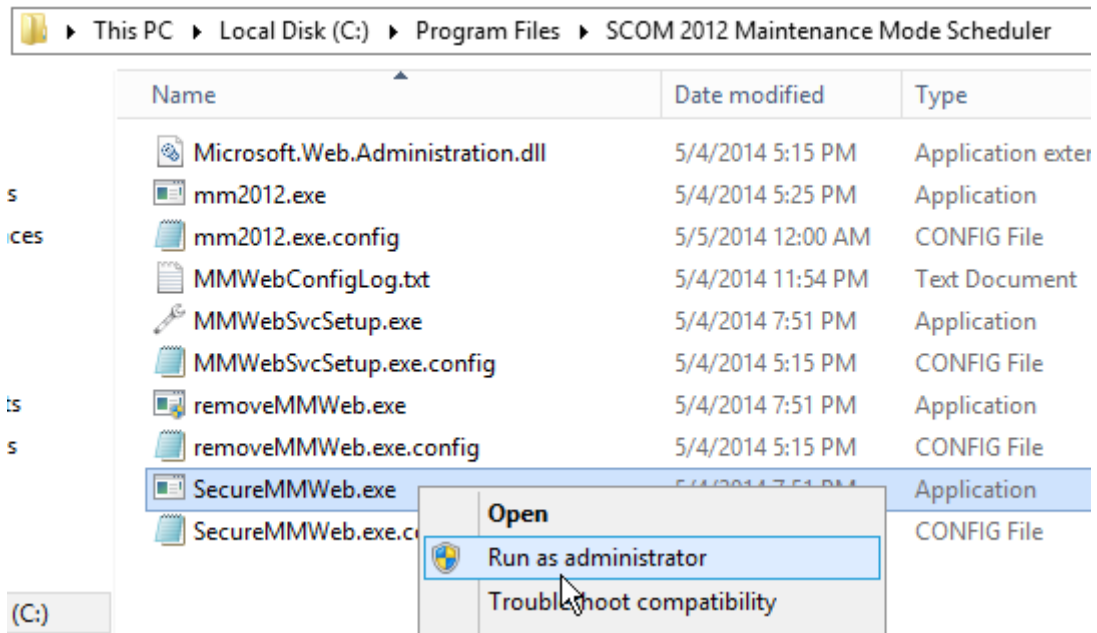
Created By:

- 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.

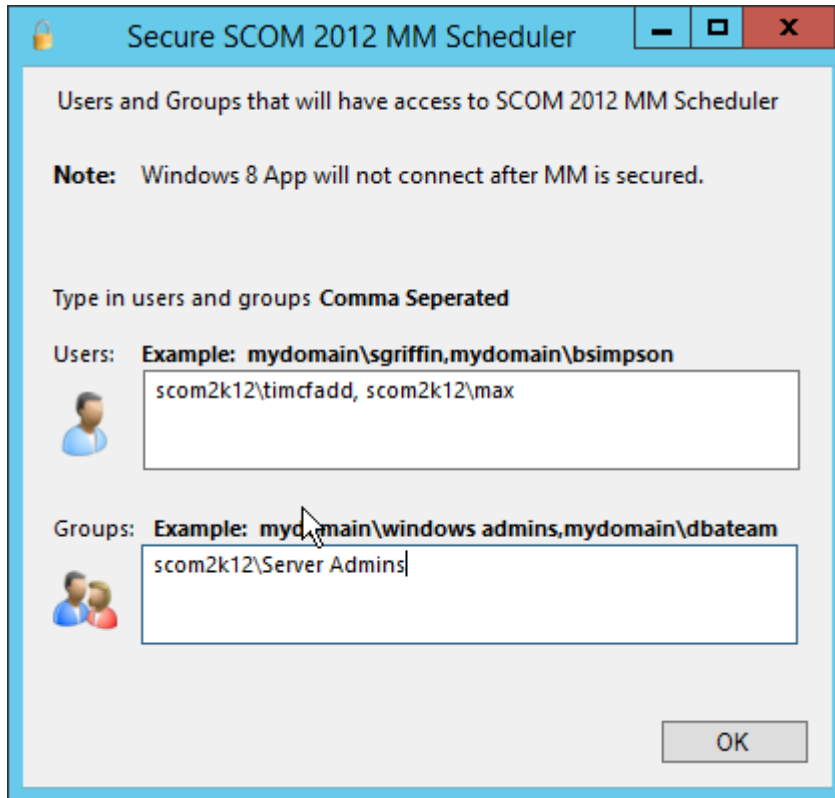
## Control Access to the Maintenance Mode Scheduler Website

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.



Secure SCOM 2012 MM Scheduler

Users and Groups that will have access to SCOM 2012 MM Scheduler

**Note:** Windows 8 App will not connect after MM is secured.

Type in users and groups Comma Seperated

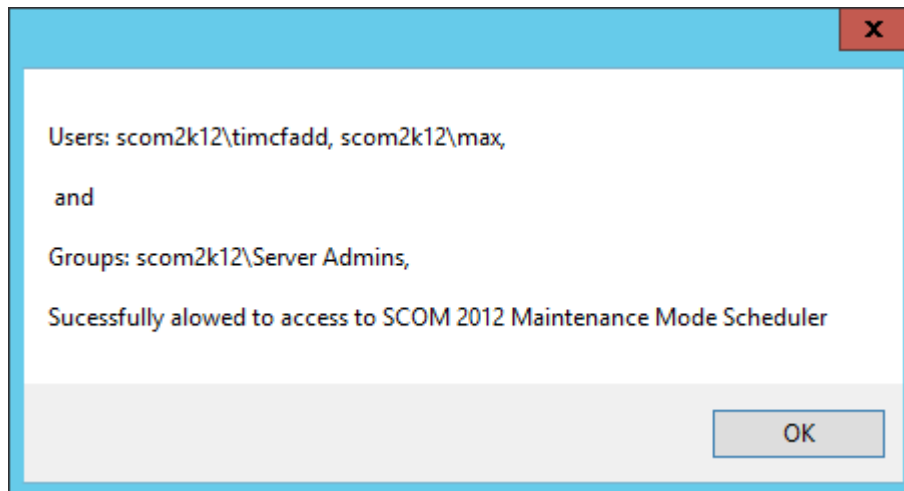
Users: **Example:** mydomain\sgriffin,mydomain\bsimpson  
scom2k12\timcfadd, scom2k12\max

Groups: **Example:** mydomain\windows admins,mydomain\dbateam  
scom2k12\Server Admins

OK

6.) Click OK

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



Users: scom2k12\timcfadd, scom2k12\max,  
and  
Groups: scom2k12\Server Admins,  
Sucessfully alowed to access to SCOM 2012 Maintenance Mode Scheduler

OK

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

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

Auditing To Event Log: ☒

Group Tab: ☒

Class Tab: ☒

Subscription Tab: ☒

Manage Tab: ☒

One Click MM Tab: ☒

One Click Maintenance Mode Minutes:

[Save](#)

- 5.) Click Save

Now schedule a Computer job for Maintenance Mode



# SCOM 2012 Maintenance Mode Scheduler

Computer Group Class Manage One Click MM

Computer: xDB01.scom2k12.com

Start Time: 05/05/2014 12:31 AM

End Time: 05/05/2014 01:01 AM

Frequency: Once

Category: Other (Planned)

Comment:

Cancel

Schedule

xDB01.scom2k12.com - 30 minutes Maintenance Mode - 23538796

Scheduled Successfully

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

Application Number of events: 59,143

Level	Date and Time	Source	Event ID	Task Category
Information	5/5/2014 12:26:11 AM	SCOM2012MMScheduler	711	None
Information	5/5/2014 12:25:04 AM	SCOM2012MMScheduler	711	None
Information	5/4/2014 11:56:07 PM	SCOM2012MMScheduler	711	None
Information	5/4/2014 11:55:54 PM	SCOM2012MMScheduler	711	None

Event 711, SCOM2012MMScheduler

General Details

SCOM 2012 Maintenance Mode Scheduler Job Created

Job Name: xDB01.scom2k12.com - 30 minutes Maintenance Mode - 23538796

Computer: xDB01.scom2k12.com

Schedule: Once on 5/5/2014 12:31:00 AM

Number of Minutes: 30

Comment: 23538796

Created By: SCOM2K12\max



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

## SCOM 2012 Maintenance Mode Scheduler

Computer	Group	Class	<b>Manage</b>	One Click MM
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**Jobs:**

Microsoft.Unix.Computerlx01.scom2k12.com - 30 minutes Maintenance Mode - Linux Application  
SQL Computers - 30 minutes Maintenance Mode - Network Outage  
**xDB01.scom2k12.com - 30 minutes Maintenance Mode - 23538796**  
xDB01.scom2k12.com - 30 minutes Maintenance Mode - 53193071  
xDB01.scom2k12.com - 30 minutes Maintenance Mode - 72032213  
xDB01.scom2k12.com - 30 minutes Maintenance Mode - 74801222  
xDB01.scom2k12.com - 30 minutes Maintenance Mode - SQL Maintenance

**Enabled:**

**Next Runtime:**

**Last Runtime:**

**Schedule:**

**Command Line:**

**Comments:**

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

Not monitored

Healthy

Healthy

Healthy

Healthy

Critical

Healthy

Warning

Healthy

Critical

Healthy

xDB01.scom2k1...

xOM01.scom2k...

Not monitored

Healthy

Not monitored

Healthy

Maintenance Mode Settings

Apply to

☐ Selected objects only

☒ Selected objects and all their contained objects

Category

Planned

Other (Planned)

Comment

23538796 - SCOM2K12\max

Duration

☒ Number of minutes:

29

(5 minute minimum)

☐ Specific end time:

Monday , May 5, 2014 12:59:17 AM

These features are temporarily suspended for objects in Maintenance Mode:

- Rules and monitors

- Notifications

- Automatic responses

- State changes

- New alerts

OK

Cancel

Detail View

Windows

Display Name

Full Path Name

Maintenance mode start time

## 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

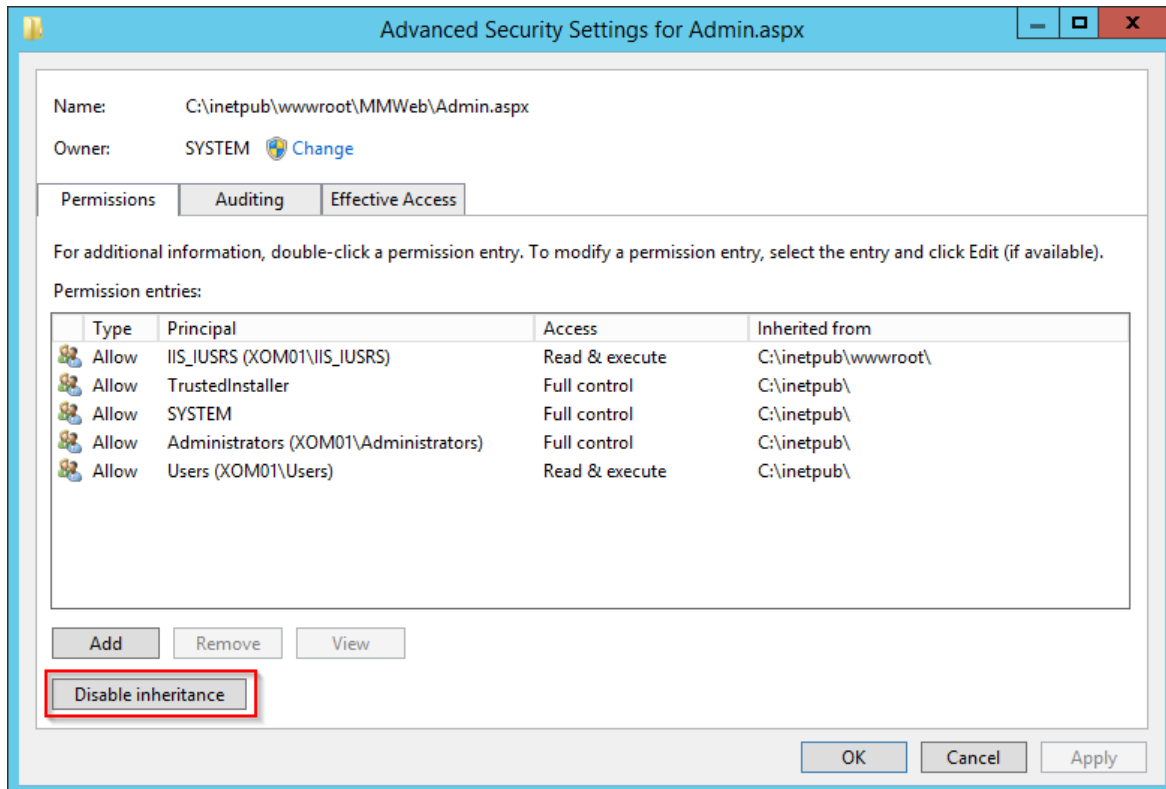
Include User Name In Comments:	<input type="checkbox"/>	** Requires IIS Windows Authentication See: <a href="http://bit.ly/1iqB3t0">http://bit.ly/1iqB3t0</a>
Auditing To Event Log:	<input checked="" type="checkbox"/>	
Group Tab:	<input checked="" type="checkbox"/>	
Class Tab:	<input checked="" type="checkbox"/>	
Manage Tab:	<input checked="" type="checkbox"/>	
One Click MM Tab:	<input checked="" type="checkbox"/>	
One Click Maintenance Mode Minutes:	<input type="text" value="10"/>	

Save

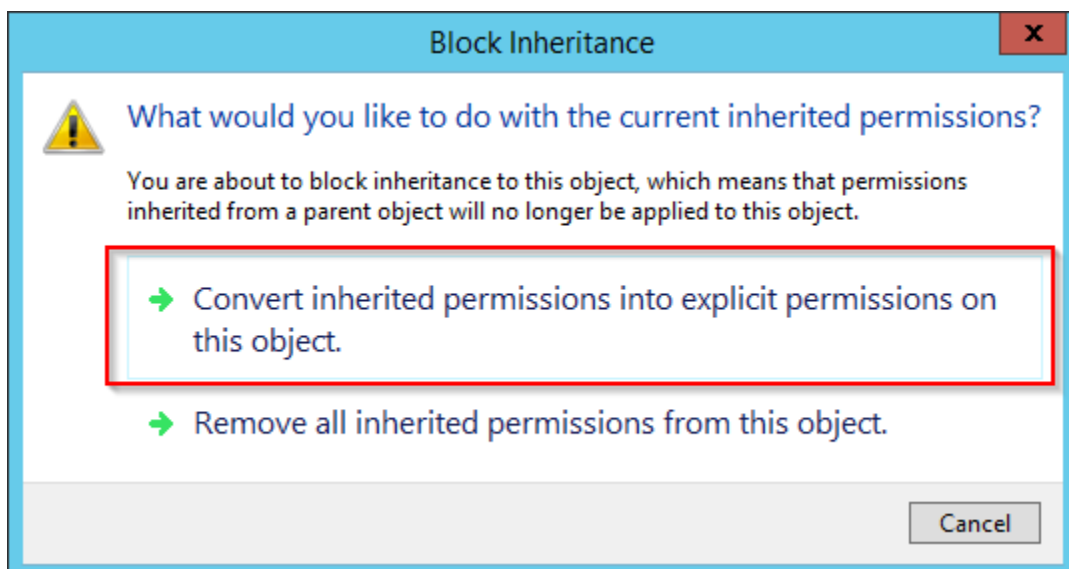
## Secure Admin.aspx

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

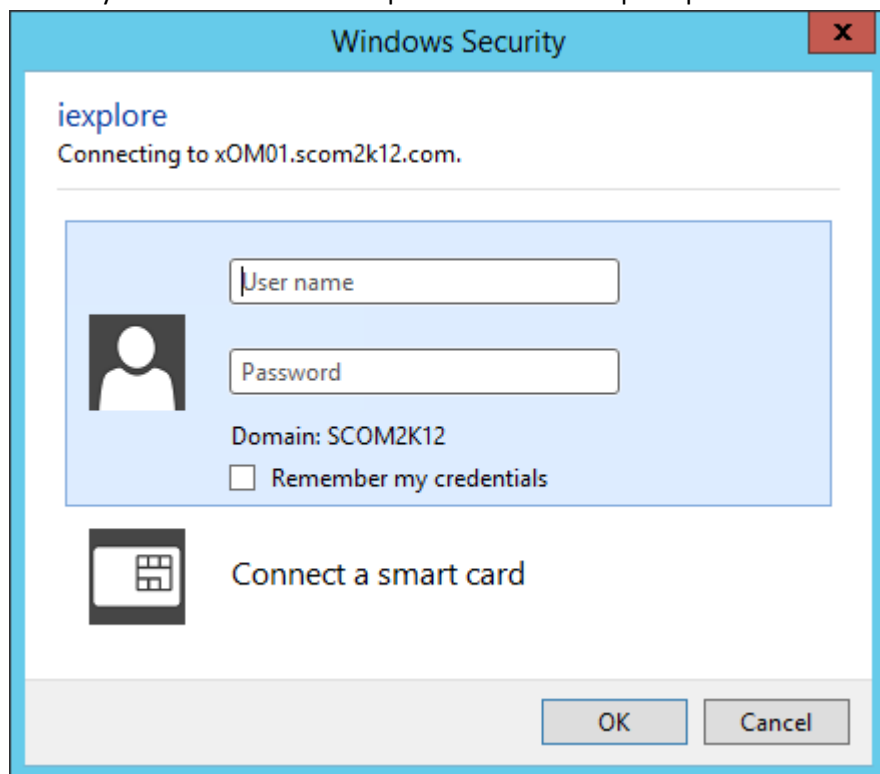
- 1.) First Make sure you have set the site to use Windows Authentication. [Control Access to the Maintenance Mode Scheduler Website](#)
- 2.) Right click on the Admin.aspx file under C:\inetpub\wwwroot\MMWeb
- 3.) Under the **Security Tab**. Click the **Advanced** button
- 4.) Select Disable inheritance



- 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 user 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

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

[Save](#)