



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://xom01/MMWeb/>. The page title is "SCOM 2012 Administration Maintenance Mode Scheduler" with "Version 7.0" below it. The page is divided into two sections: "Configuration" and "Customization".

Configuration

Scom SDK Account: (domain\account):	<input type="text" value="SCOM2K12\scomsdk"/>
Password:	<input type="password"/>
MS Server:	<input type="text" value="XOM01"/>
OperationsManager DB Server:	<input type="text" value="xDB01"/>
Database Name:	<input type="text" value="OperationsManager"/>

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:	<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:



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:

[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 shows the tree view with 'Application' selected under 'Windows Logs'. The main pane displays 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. 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

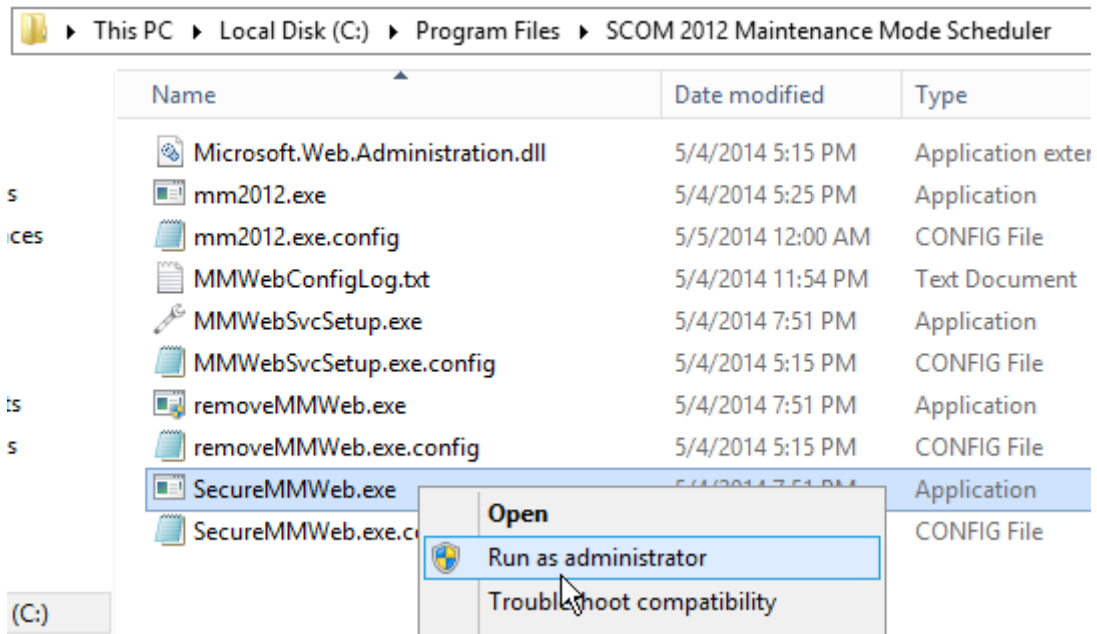
Computer: xDB01.scom2k12.com
Schedule: Once on 5/5/2014 12:01:00 AM
Number of Minutes: 30
Comment: 74801222
Created By:

- 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.

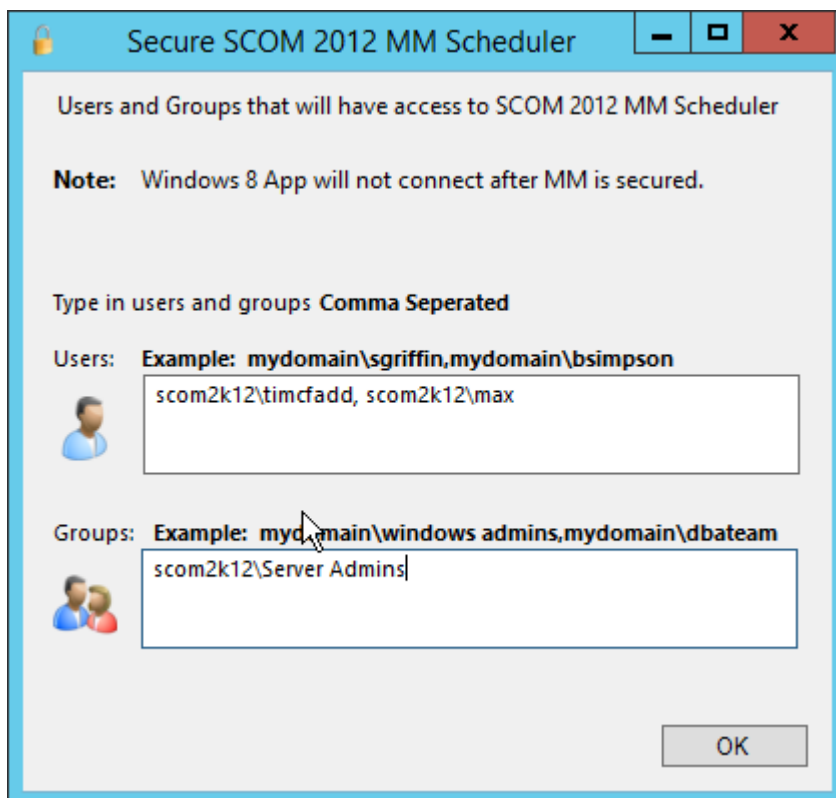
Control Access to the Maintenance Mode Scheduler Website

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

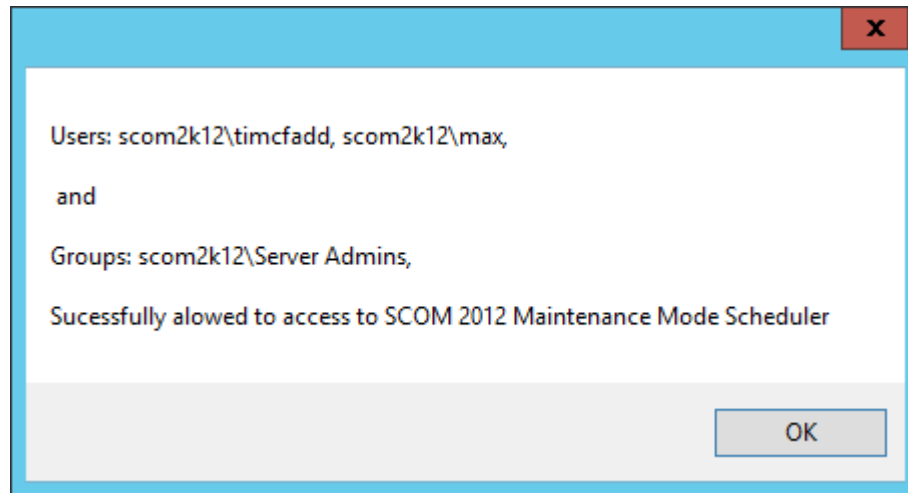


- 3.) On the User Access Control dialog pick Yes
- 4.) The Secure SCOM 2012 MM Scheduler tool will launch
- 5.) Type in the domain users and domain groups you want to have access to the tool. Make sure you grant yourself access as well. For multiple users and groups, use a comma to separate them.



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

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

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 **Manage** One Click MM

Jobs:

Microsoft.Unix.Computerx01.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:

Yes

Next Runtime:

5/5/2014 12:31:00 AM

Last Runtime:

Never

Schedule:

At 12:31 AM on 5/5/2014

Command Line:

C:\Program Files\SCOM 2012 Maintenance Mode Scheduler\mm2012.exe
XOM01 "xDB01.scom2k12.com" 30 "23538796 - SCOM2K12\max" PlannedOther

Comments:

23538796 - **SCOM2K12\max**

Cancel

Delete

Disable

Enable

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

Not monito... xDB01.scom2k1... Not moni... Not moni...
Healthy xOM01.scom2k... Healthy Healthy
Healthy
Healthy
Healthy
Critical
Healthy
Warning
Healthy
Critical
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

5/5/2014 12:59:17 AM

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.

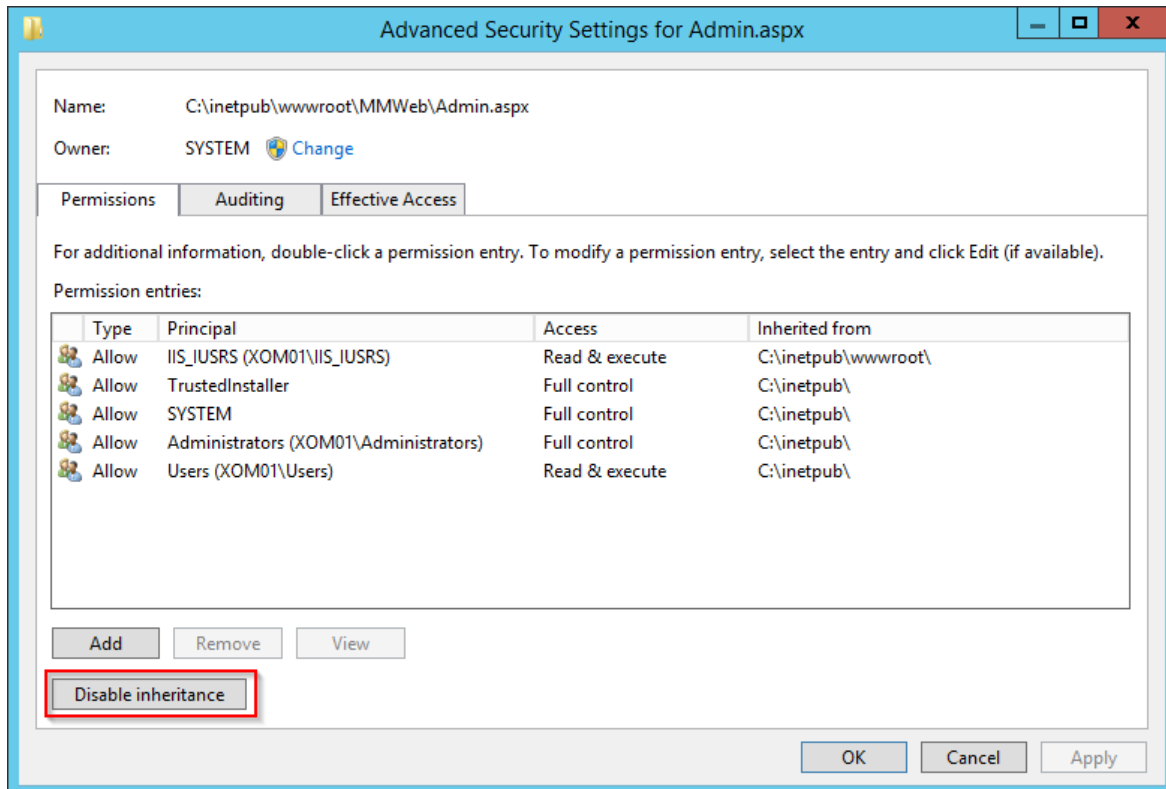
Customization

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 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 type="checkbox"/>		
One Click Maintenance Mode Minutes:	<input type="text" value="60"/>		
		<input type="button" value="Save"/>	

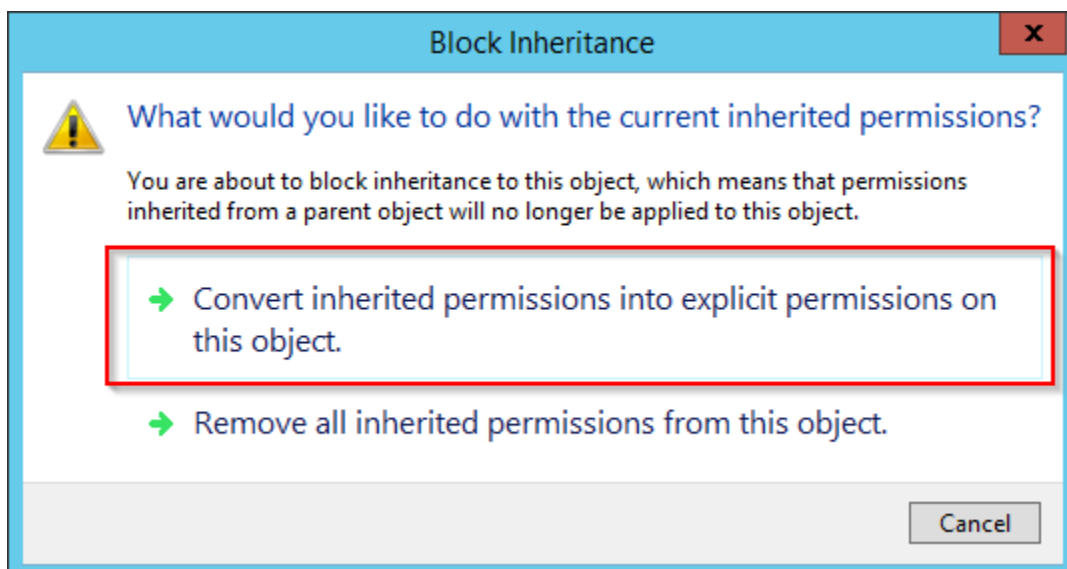
Secure Admin.aspx

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

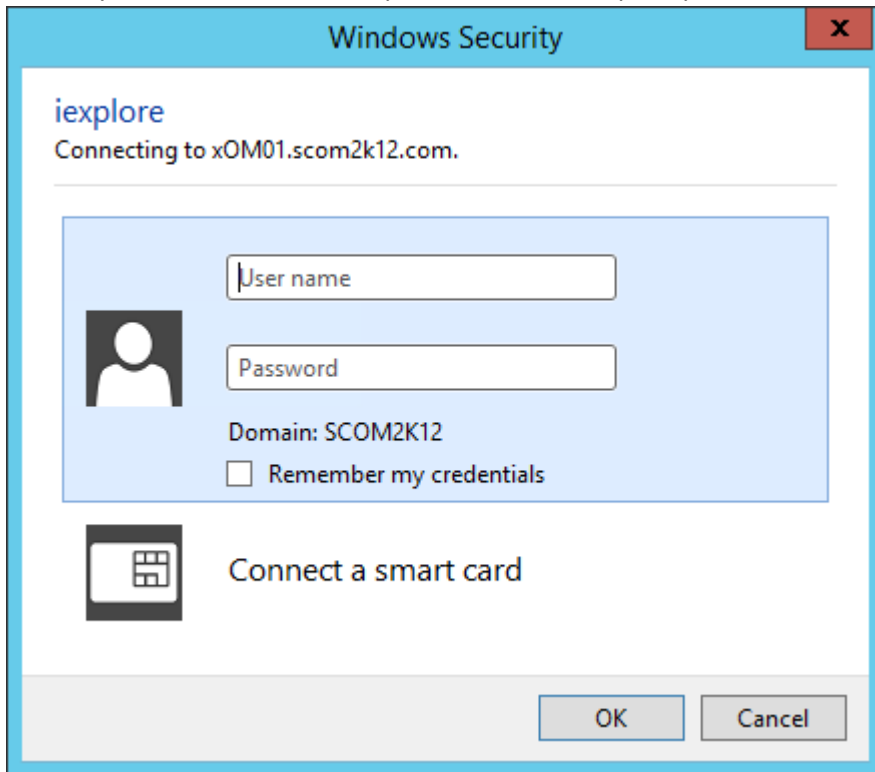
- 1.) First Make sure you have set the site to use Windows Authentication. [Control Access to the Maintenance Mode Scheduler Website](#)
- 2.) Right click on the Admin.aspx file under C:\inetpub\wwwroot\MMWeb
- 3.) Under the **Security Tab**. Click the **Advanced button**
- 4.) Select Disable inheritance



- 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:	<input type="radio"/> MM/dd/yyyy <input type="radio"/> dd/MM/yyyy <input checked="" 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 type="checkbox"/>
One Click Maintenance Mode Minutes:	<input type="text" value="60"/>