

How To Configure Downtime In Nagios XI 5

Purpose

The purpose of this document is to show how you can schedule downtime for a service, host, hostgroup or servicegroup within Nagios XI. Scheduling downtime is an effective way to prevent unnecessary or unwanted notifications from being received during a period of expected service interruption.

Note: If you are using Nagios XI 2024, please refer to the [updated document](#).

The Scheduled Downtime Menu

From the **Home** menu of Nagios XI, expand **Incident Management** and select **Scheduled Downtime**. This will display the main control panel for **Scheduled Downtime**.

The screenshot shows the Nagios XI interface. The top navigation bar includes 'Home', 'Views', 'Dashboards', 'Reports', 'Configure', 'Tools', 'Help', and 'Admin'. The left sidebar shows 'Incident Management' expanded, with 'Scheduled Downtime' selected. The main panel is titled 'Scheduled Downtime' and features a 'Schedule Downtime' button. Below the button is a table with one record for 'localhost'.

<input type="checkbox"/>	Host	Service	Entry Time	Author	Comment	Start Time	End Time	Type	Duration	Downtime ID	Trigger ID	In Effect	Actions
<input type="checkbox"/>	localhost	-	2016-11-01 14:25:59	Nagios Administrator	Installing updates	2016-11-01 14:25:37	2016-11-01 16:25:37	Fixed	2h 0m 0s	1	None	Yes	

From this screenshot you can see any scheduled downtime that is currently in-effect or scheduled for a future time. In this example there is an entry for the **localhost** object.

To begin the process of scheduling downtime, click the **Schedule Downtime** button and select **For Host(s)** or **For Services(s)**.

This close-up shows the 'Schedule Downtime' dropdown menu. The options 'For Host(s)' and 'For Service(s)' are visible. Below the menu, a table shows the details of the selected entry.

	Host	Service	Entry Time	Author
<input type="checkbox"/>	localhost	-	2016-11-01 14:25:59	Nagios Administrator

How To Configure Downtime In Nagios XI 5

The selections available for hosts are as follows:

There are options that apply to both hosts and services that are explained in the [Common Options](#) section below. The options that are specific to hosts are as follows:

In the top part of the screen, you need to select **host(s)** and click the **Add Selected** button to add them to the list of hosts that this downtime will be created for. When selecting hosts, you can use **SHIFT** or **CTRL** on the keyboard to help select multiple hosts. In the Filter field start typing to narrow down the available hosts to select from.

You have the option to change the **Child Hosts** behavior when this downtime goes into effect. This is useful when a host's service interruption will affect its children.

You can also select if you want to schedule downtime for the services of these host(s).

Add Host Downtime

Schedule downtime for a particular host or multiple hosts. [More information about downtimes.](#)

Host Name(s) *

Filter...

localhost

Add Selected >

Selected Hosts 2 Remove All

10.25.14.52 ✕

10.25.5.70 ✕

Author * Nagios Administrator

Comment * Rebooting Hosts

Triggered By None

Type Fixed

Start Time * 2016-11-01 14:43:03

End Time * 2016-11-01 16:43:03

Child Hosts Do nothing with child hosts

Services Do nothing with associated services

Schedule Cancel

How To Configure Downtime In Nagios XI 5

The selections available for services are as follows:

In the top part of the screen, you need to select a host from the drop-down list which will present you with a list of all the services on that host.

Select the desired **service(s)** and click the **Add Selected** button to add them to the list of services that this downtime will be created for. When selecting services, you can use **SHIFT** or **CTRL** on the keyboard to help select multiple services.

You can select different hosts to schedule downtime for services from multiple hosts.

Common Options

You are required to enter a comment indicating what the purpose of the downtime is. You can also configure a downtime to be **Triggered By** another scheduled downtime event.

By default, the type of downtime in the pre-populated fields is a **fixed** downtime that is scheduled immediately for the next 2 hours. The type of downtime can be fixed or flexible:

Fixed downtime

- Starts and stops at the exact start and end times that you specify when you schedule it.

Flexible downtime

- Intended for times when you know that a host or service is going to be down for X minutes (or hours), but you don't know exactly when that event will start.
- When you schedule flexible downtime, Nagios XI will start the scheduled downtime sometime between the start and end times you specified.

Add Service Downtime

Schedule downtime for a particular service or multiple services. [More information about downtimes.](#)

The screenshot shows the 'Add Service Downtime' form in Nagios XI. At the top, there's a dropdown menu for selecting a host, currently showing '10.25.5.70'. Below it is a list of services for that host: CPU Stats, HTTP, Memory Usage, Ping, and Yum Updates. To the right, there's a 'Selected Services' section with a 'Remove All' link. It contains two entries: '10.25.14.52 :: CPU Usage' and '10.25.5.70 :: Load', each with a red 'X' icon to remove it. Below the services list is an 'Add Selected' button. The form continues with fields for 'Author' (pre-filled with 'Nagios Administrator'), 'Comment' (with the text 'Performing Load Testing'), 'Triggered By' (set to 'None'), 'Type' (set to 'Fixed'), 'Start Time' (2016-11-01 14:44:50), and 'End Time' (2016-11-01 16:44:50). At the bottom are 'Schedule' and 'Cancel' buttons.

How To Configure Downtime In Nagios XI 5

- The downtime will last for as long as the duration you specified when you scheduled the downtime.
- This assumes that the host or service for which you scheduled flexible downtime either goes down (or becomes unreachable) or goes into a non-OK state sometime between the start and end times you specified.
- The time at which a host or service transitions to a problem state determines the time at which Nagios XI actually starts the downtime.
- The downtime will then last for the duration you specified, even if the host or service recovers before the downtime expires

When you click the **Schedule** button you will be returned to the list with the items you just scheduled. Please note that it may take up to a minute before they show up on the list.

Successfully added all downtime. It may take up to a minute to show up on the list.

Scheduled Downtime

Filter by Select filters

Search...

Schedule Downtime

Showing 1-5 of 5 total records

Page 1 of 1

10 Per Page

<input type="checkbox"/>	Host	Service	Entry Time	Author	Comment	Start Time	End Time	Type	Duration	Downtime ID	Trigger ID	In Effect	Actions
<input type="checkbox"/>	localhost	-	2016-11-01 14:25:59	Nagios Administrator	Installing updates	2016-11-01 14:25:37	2016-11-01 16:25:37	Fixed	2h 0m 0s	1	None	Yes	
<input type="checkbox"/>	10.25.14.52	-	2016-11-01 14:44:44	Nagios Administrator	Rebooting Hosts	2016-11-01 14:43:03	2016-11-01 16:43:03	Fixed	2h 0m 0s	2	None	Yes	
<input type="checkbox"/>	10.25.5.70	-	2016-11-01 14:44:44	Nagios Administrator	Rebooting Hosts	2016-11-01 14:43:03	2016-11-01 16:43:03	Fixed	2h 0m 0s	3	None	Yes	
<input type="checkbox"/>	10.25.14.52	CPU Usage	2016-11-01 15:08:42	Nagios Administrator	Performing Load Testing	2016-11-01 15:06:13	2016-11-01 17:06:13	Fixed	2h 0m 0s	4	None	Yes	
<input type="checkbox"/>	10.25.5.70	Load	2016-11-01 15:08:42	Nagios Administrator	Performing Load Testing	2016-11-01 15:06:13	2016-11-01 17:06:13	Fixed	2h 0m 0s	5	None	Yes	

With selected

Page 1 of 1

10 Per Page

Recurring Scheduled Downtime

If you have regular periods of downtime and do not wish to schedule those periods individually, you can configure recurring periods of downtime instead. From the **Home** menu of Nagios XI, expand **Incident Management** and select the **Recurring Downtime** option.

How To Configure Downtime In Nagios XI 5

There are 4 tabs at the top of this control panel that allow you to configure regular periods of downtime for a given **Host**, **Service**, **Hostgroup** or **Servicegroup**.

To begin the process of scheduling recurring downtime, click the **Add Schedule** button under the respective tab. You will be presented with the **Schedule Settings**, the screenshot to the right is of a Host (they are all similar).

The first field is the **Host** field. When you start typing in this field, the list of hosts will start to appear that match what is being typed. You can use the **arrow keys** and press **Enter** on the keyboard to select the host you want or simply click it with the mouse. This behavior is the same when scheduling **Service**, **Hostgroup** or **Servicegroup** recurring downtime.

For a **Host** or **Hostgroup** you can choose to include its associated services in the period of scheduled downtime.

Add Recurring Downtime Schedule

Note: A new downtime schedule will be added to the monitoring engine one hour before it is set to activate, according to the parameters specified below.

Schedule Settings

Host:	<input type="text" value="10.25.14.52"/>												
The host associated with this schedule.													
Services:	<input checked="" type="checkbox"/> Include all services on this host												
Comment:	<input type="text" value="Weekly Reboot"/>												
An optional comment associated with this schedule.													
Start Time:	<input type="text" value="00:30"/>												
Time of day the downtime should start in 24-hr format (e.g. 13:30).													
Duration:	<input type="text" value="20"/>												
Duration of the scheduled downtime in minutes.													
Valid Months:	<table><tr><td><input type="checkbox"/> Jan</td><td><input type="checkbox"/> Feb</td><td><input type="checkbox"/> Mar</td><td><input type="checkbox"/> Apr</td><td><input type="checkbox"/> May</td><td><input type="checkbox"/> Jun</td></tr><tr><td><input type="checkbox"/> Jul</td><td><input type="checkbox"/> Aug</td><td><input type="checkbox"/> Sep</td><td><input type="checkbox"/> Oct</td><td><input type="checkbox"/> Nov</td><td><input type="checkbox"/> Dec</td></tr></table>	<input type="checkbox"/> Jan	<input type="checkbox"/> Feb	<input type="checkbox"/> Mar	<input type="checkbox"/> Apr	<input type="checkbox"/> May	<input type="checkbox"/> Jun	<input type="checkbox"/> Jul	<input type="checkbox"/> Aug	<input type="checkbox"/> Sep	<input type="checkbox"/> Oct	<input type="checkbox"/> Nov	<input type="checkbox"/> Dec
<input type="checkbox"/> Jan	<input type="checkbox"/> Feb	<input type="checkbox"/> Mar	<input type="checkbox"/> Apr	<input type="checkbox"/> May	<input type="checkbox"/> Jun								
<input type="checkbox"/> Jul	<input type="checkbox"/> Aug	<input type="checkbox"/> Sep	<input type="checkbox"/> Oct	<input type="checkbox"/> Nov	<input type="checkbox"/> Dec								
Months this schedule is valid. Defaults to every month if none selected.													
Valid Weekdays:	<table><tr><td><input type="checkbox"/> Mon</td><td><input type="checkbox"/> Tue</td><td><input type="checkbox"/> Wed</td><td><input type="checkbox"/> Thu</td><td><input type="checkbox"/> Fri</td><td><input type="checkbox"/> Sat</td><td><input checked="" type="checkbox"/> Sun</td></tr></table>	<input type="checkbox"/> Mon	<input type="checkbox"/> Tue	<input type="checkbox"/> Wed	<input type="checkbox"/> Thu	<input type="checkbox"/> Fri	<input type="checkbox"/> Sat	<input checked="" type="checkbox"/> Sun					
<input type="checkbox"/> Mon	<input type="checkbox"/> Tue	<input type="checkbox"/> Wed	<input type="checkbox"/> Thu	<input type="checkbox"/> Fri	<input type="checkbox"/> Sat	<input checked="" type="checkbox"/> Sun							
Days of the week this schedule is valid. Defaults to every weekday if none selected.													
Valid Days of Month:	<input type="text"/>												
Comma-separated list of days of month this schedule is valid. Defaults to every day if empty. If you specify weekdays and days of the month, then both must match for the downtime to be scheduled.													
<input type="button" value="Submit Schedule"/> <input type="button" value="Cancel"/>													

How To Configure Downtime In Nagios XI 5

A comment is not required but does make it easy to understand why you created it.

The **Start Time** is when you want the recurring downtime to begin and the **Duration** is how long you want it to apply for.


Define the time of day you want the recurring downtime to start and then choose from the options of **Valid Months**, **Valid Weekdays** and **Valid Days of Month**. Choices from the sections will allow you to define exactly what you want like **Jan + Mon + Tue** will only create recurring downtime for **Mondays** and **Tuesdays** in **January** @ the time you specify.


Click the **Submit Schedule** button to create the recurring downtime schedule.

Scheduling Downtime From The Host Or Service Status Page

When you are on the **Host Status Detail** page OR the **Service Status Detail** page you can schedule downtime from the **Advanced** tab under **Commands**. All the options are the same as described earlier.

Host Status Detail

**CentOS-NCPA**
Alias: CentOS-NCPA
Hostgroups: linux-servers, allhosts



Home

Advanced

Settings

Graphs

Reports

Alerts

Users

Groups


Advanced Status Details


Host State:	Up
Duration:	1d 3h 35m 11s
State Type:	Hard
Current Check:	1 of 1
Last Check:	08/23/2016 15:33:49


Host Attributes


Attribute	State	Action
Active Checks	Up	X
Passive Checks	Up	X
Notifications	Up	X
Flap Detection	Up	X

Commands

 Add comment

 Schedule downtime

 Schedule downtime for all services on this host

 Forced immediate check for host and all services

How To Configure Downtime In Nagios XI 5

Scheduling Downtime From The Host/Service Group Status Page

You can schedule downtime for all hosts or services in a host group via **Home > Details > Hostgroup Summary**.

Click on the **View Hostgroup Commands** button for a specific hostgroup under **Status Summary For All Host Groups**.

 **Status Summary For All Host Groups**

Host Group		Hosts	Services
allhosts (allhosts)		33 Up	338 Ok 7 Warning 9 Unknown 104 Critical
DBs (DBs)	 	3 Up	27 Ok 2 Warning 1 Critical

Click on the **Schedule downtime for all hosts in this hostgroup** or **Schedule downtime for all services in this hostgroup**.

Hostgroup Commands

	Schedule downtime for all hosts in this hostgroup
	Schedule downtime for all services in this hostgroup
	Enable notifications for all hosts in this hostgroup
	Disable notifications for all hosts in this hostgroup
	Enable notifications for all services in this hostgroup
	Disable notifications for all services in this hostgroup
	Enable active checks of all services in this hostgroup
	Disable active checks of all services in this hostgroup

How To Configure Downtime In Nagios XI 5

How To Schedule Downtime via Mass Acknowledge Component

It is very easy to schedule downtime for hosts and services that are already in "non-OK" state under the **Mass Acknowledge and Downtime Scheduling** component. From the Nagios XI Home screen navigate to **Incident Management > Mass Acknowledge**.

Select all the hosts and services that you would like to place in scheduled downtime. Then select **Schedule Downtime** from the **Command Type** drop-down menu, enter a comment if you don't wish to use the default one and then click **Submit Commands**.

The following page shows an example screenshot of this.

Mass Acknowledgments and Downtime Scheduling



Use this tool to schedule downtime or to acknowledge large groups of unhandled problems. For scheduled downtime, specify the length of downtime in minutes to schedule 'flexible' downtime. Commands may take a few moments to take effect on status details. Please note that you may only submit characters that are from your locale. In other words, if your locale is set to en_US, you may not submit Japanese characters for submission, you must first change your locale to ja_JP and then submit your message.

Command Type

Schedule Downtime

Time

120

min

Comment

Problem is acknowledged

Submit Commands

Check All Items

Update List

Host Name	Unhandled Service Problems	Service Status	<input type="checkbox"/> Sticky	<input type="checkbox"/> Notify	<input type="checkbox"/> Persistent
WIN2008R2-01	Toggle checkboxes for this Host				
	<input checked="" type="checkbox"/> CPU Usage	connect to address win2008r2-01 and port 12489: Connection refused			
	<input checked="" type="checkbox"/> CPU Usage assigned to multiple hosts	connect to address win2008r2-01 and port 12489: Connection refused			
	<input checked="" type="checkbox"/> Drive C: Disk Usage	connect to address win2008r2-01 and port 12489: Connection refused			
	<input checked="" type="checkbox"/> Memory Available	CHECK_NRPE: Error - Could not complete SSL handshake.			
	<input checked="" type="checkbox"/> Memory Usage	connect to address win2008r2-01 and port 12489: Connection refused			
	<input checked="" type="checkbox"/> Memory Usage Physical	CHECK_NRPE: Error - Could not complete SSL handshake.			

Finishing Up

This completes the documentation on configuring downtime in Nagios XI. If you have additional questions or other support-related questions, please visit us at our Nagios Support Forum, Nagios Knowledge Base, or Nagios Library:

[Visit Nagios Support Forum](#)

[Visit Nagios Knowledge Base](#)

[Visit Nagios Library](#)