

How To Configure Downtime In Nagios XI 2024

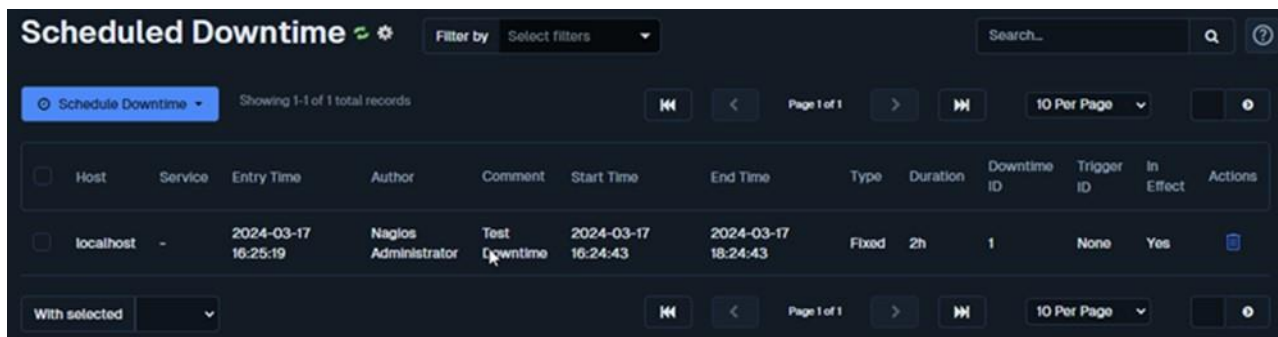
Purpose

The purpose of this document is to show how you can schedule downtime for a **service**, **host**, **hostgroup** or **servicegroup** within Nagios XI 2024. Scheduling downtime is an effective way to prevent unnecessary or unwanted notifications from being received during a period of expected service interruption.

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.

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.



The screenshot shows the 'Scheduled Downtime' interface in Nagios XI. It features a search bar, a 'Filter by' dropdown, and a 'Schedule Downtime' button. Below the navigation is a table with the following data:

<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	-	2024-03-17 16:25:19	Nagios Administrator	Test Downtime	2024-03-17 16:24:43	2024-03-17 18:24:43	Fixed	2h	1	None	Yes	

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

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The selections available for hosts are as follows:

Scheduled Downtime

Add Host Downtime

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

Host Name(s) *

Selected Hosts [Remove All](#)

No hosts selected

Author *

Comment *

Triggered By

Type

Start Time * 📅

End Time * 📅

Child Hosts

Services

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2. 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:
 - a. 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.
 - b. 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.
 - c. 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.
 - d. You can also select if you want to schedule downtime for the services of these host(s).

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Scheduled Downtime

Add Service Downtime

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

Service Name(s) *

localhost ▾

- Current Load
- Current Users
- HTTP
- Memory Usage
- PING
- Root Partition
- SSH
- Service Status - crond
- Service Status - httpd
- Service Status - mysqld
- Swap Usage
- Total Processes

Selected Services **0** [Remove All](#)

No services selected

[Add Selected >](#)

Author *

Nagios Administrator

Comment *

Triggered By

None ▾

Type

Fixed ▾

Start Time *

2024-03-17 16:49:00



End Time *

2024-03-17 18:49:00



[Schedule](#)

[Cancel](#)

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3. The selections available for services are as follows:
 - a. 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.
 - b. 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.
 - c. 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.
- 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 starts the downtime.
- The downtime will then last for the duration you specified, even if the host or service recovers before the downtime expires.

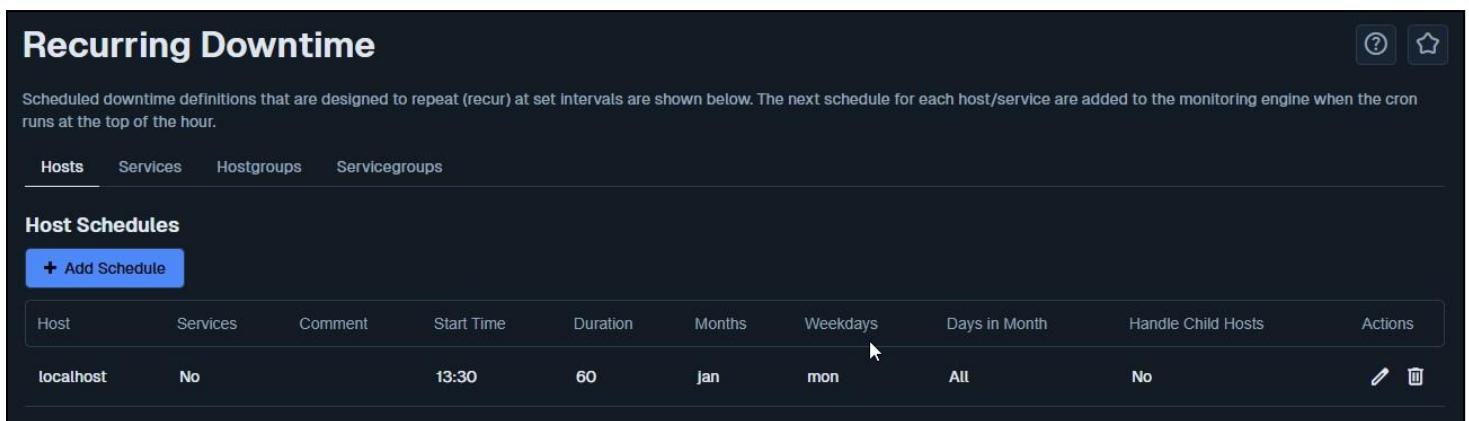
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When you click the **Schedule** button you will be returned to the list with the items you just scheduled. Please note that it may take up to a minute before they show up in the list.

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.



Host	Services	Comment	Start Time	Duration	Months	Weekdays	Days in Month	Handle Child Hosts	Actions
localhost	No		13:30	60	jan	mon	All	No	 

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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:
The host associated with this schedule.

Child Hosts:

Services: Include all services on this host

Comment:
An optional comment associated with this schedule.

Start Time:
Time of day the downtime should start in 24-hr format (e.g. 13:30).

Duration: **Minutes**
Duration of the scheduled downtime in minutes. Duration should be more than 5 mins or downtime will not be scheduled.

Valid Months: Jan Feb Mar Apr May Jun
 Jul Aug Sep Oct Nov Dec
Months this schedule is valid. Defaults to every month if none selected.

Valid Weekdays: Mon Tue Wed Thu Fri Sat Sun
Days of the week this schedule is valid. Defaults to every weekday if none selected.

Valid Days of Month:
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.

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**.

1. 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).
2. The first field is the Host field. When you start typing in this field, the list of hosts will start to appear that matches 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.
3. For a **Host** or **Hostgroup** you can choose to include its associated services in the period of scheduled downtime.

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4. A comment is not required but does make it easy to understand why you created it.
5. The **Start Time** is when you want the recurring downtime to begin and the **Duration** is how long you want it to apply for.
6. 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 at the time you specify.
7. 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.

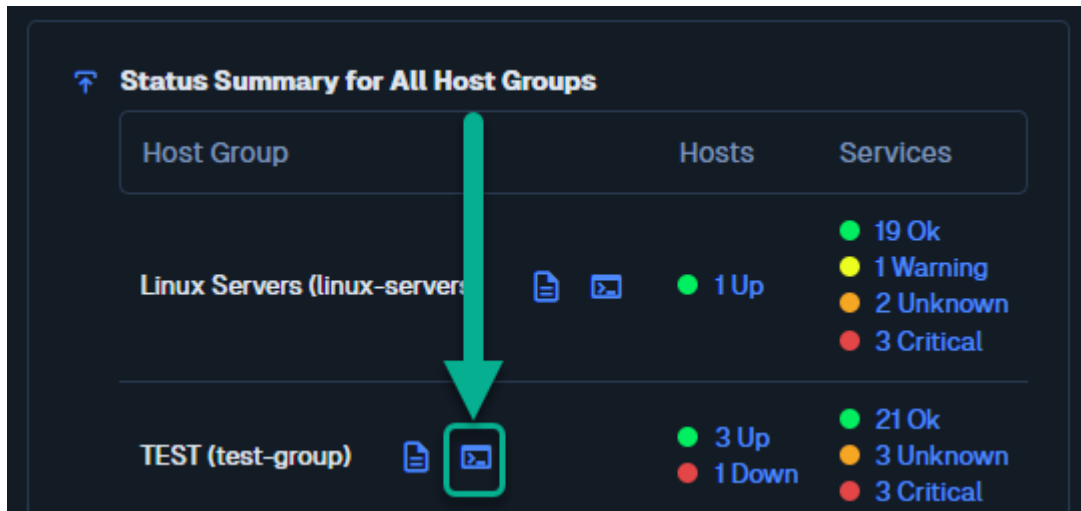
The screenshot shows the Nagios XI interface for the 'Host Status Detail' page of 'test-system'. The 'Advanced' tab is active, and the 'Commands' section is highlighted with a red box. The 'Commands' list includes the following options:

- Add comment
- Schedule downtime
- Schedule downtime for all services on this host
- Forced immediate check for host and all services
- Submit passive check result
- Send custom notification
- Delay next notification
- More Options
 - View in Nagios Core

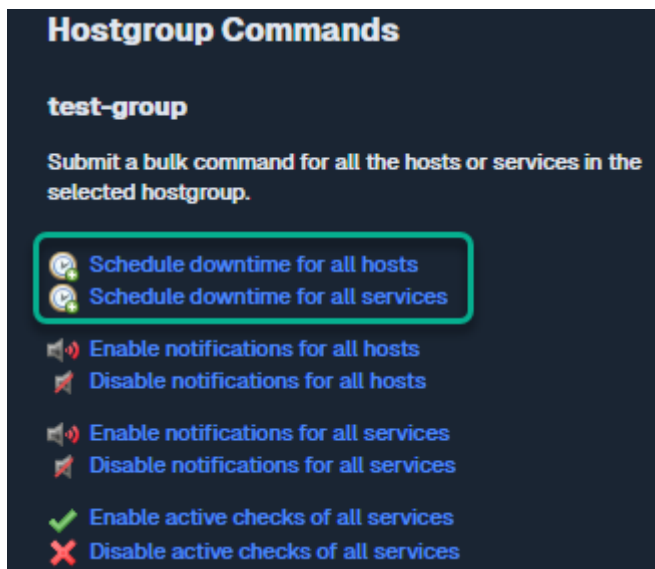
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Scheduling Downtime From The Host/Service Group Status Page

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**.



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

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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.

1. From the Nagios XI Home screen navigate to **Incident Management > Mass Acknowledge**.
2. Select all of the hosts and services that you would like to place in scheduled downtime.
3. 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**.

Mass Acknowledge

Use this tool to acknowledge large groups of unhandled problems or schedule downtime for groups of hosts and services.
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.

Command Type: **Acknowledgement** Time: min Comment: **Submit Commands**

Host Name	Unhandled Service Problems	Service Status	<input type="checkbox"/> Sticky	<input type="checkbox"/> Notify	<input type="checkbox"/> Persistent
<input checked="" type="checkbox"/> 192.168.0.218	Toggle checkboxes for this Host				
<input type="checkbox"/> _: Autoselect		(Service check timed out after 120.01 seconds)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> CASN/JIB-MDD1			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> SLE-COM-9508-HOST2	Toggle checkboxes for this Host		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Ping		CRITICAL - 192.168.223.19: Host unreachable @ 192.168.132.130. rta nan, lost 100%	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Port 2 Status		WARNING: SNMP error: No response from remote host "192.168.223.19"	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> TEST.HOST	Toggle checkboxes for this Host		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> HTTP		connect to address 192.168.141.28 and port 80: No route to host	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> PING		CRITICAL - Host Unreachable (192.168.141.28)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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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](#)