

How To Enable NagVis Restart Actions In Nagios XI 2026R1+

Purpose

This document outlines the steps necessary to enable the context menu Restart Action in NagVis. This feature enables you to execute a script on your Linux and Windows hosts by simply clicking a Restart option in the host icon right-click context menu on your maps.

This capability was added to NagVis in Nagios XI 2026R1, so if you are running an older version it will be necessary to [upgrade](#) your installation to version 2026R1+ to leverage this feature.

Installing the Nagios Cross Platform Agent

This feature leverages the NCPA agent to execute the restart scripts. You can learn more about installing NCPA here:

[NCPA v3 Agent Installation Instructions](#)

The remainder of this document will assume that you have already installed NCPA on your Windows or Linux host, and that you have configured monitoring of it in Nagios XI:

[Monitoring Linux Using NCPA](#)

[Monitoring Windows Using NCPA](#)

Editing Files

In some of the following steps, you will be required to edit files from the Linux command line. This documentation will use the vi text editor. When using the vi editor:

- To make changes press **i** on the keyboard first to enter insert mode
- Press **Esc** to exit insert mode
- When you have finished, save the changes in vi by typing **:wq** and press **Enter**.

Fresh Installations

On fresh installations of Nagios XI 2026R1+, or installations that were initiated using 2026R1+, the necessary Restart Action entries are already present and enabled in the `nagvis.ini.php`, so you can proceed directly to the [Adding a Custom Variable](#) section.

How To Enable NagVis Restart Actions In Nagios XI 2026R1+

Upgraded Installations

When upgrading to 2026R1+ from a pre-2026 release, some additional steps are required to add and enable the necessary Restart Action capabilities in the `nagvis.ini.php` config file.

For Linux Actions

1. Access the command line of your Nagios XI server, and open the `nagvis.ini.php` file with **vi** by issuing the following command:

```
vi /usr/local/nagvis/etc/nagvis.ini.php
```

2. Add the following lines to the `Action Definitions` section. You can find this section quickly in **vi** by typing:

```
/; Action
```

Here are the lines to add:

```
; Adds action "restart linux" to host objects when the host object  
; has the string "unix" in the TAGS Nagios custom macro.  
; When clicking on the link, NagVis sends a command to NCPA installed  
; on the host, which restarts the host.  
[action_lnx_restart]  
action_type="lnx_restart"  
obj_type="host,service"  
condition="TAGS~unix"
```

3. Save your changes.

For Windows Actions

1. Access the command line of your Nagios XI server, and open the `nagvis.ini.php` file with **vi** by issuing the following command:

```
vi /usr/local/nagvis/etc/nagvis.ini.php
```

2. Add the following lines to the `Action Definitions` section. You can find this section quickly in **vi** by typing:

```
/; Action
```

How To Enable NagVis Restart Actions In Nagios XI 2026R1+

Here are the lines to add:

```
; Adds action "restart windows" to host objects when the host object  
; has the string "win" in the TAGS Nagios custom macro.  
; When clicking on the link, NagVis sends a command to NCPA installed  
; on the host, which restarts the host.  
[action_win_restart]  
action_type="win_restart"  
obj_type="host,service"  
condition="TAGS~win"
```

3. Save your changes.

Adding a Custom Variable

In order to enable the Restart Action, you'll need to add a `_tags` custom variable to the host object for the target Windows or Linux system.

1. Navigate to **Configure > Core Config Manager**.
2. Click on **Hosts**, then locate the target host in the list and click through to its **Host Management** screen.
3. Goto the **Misc Settings** tab, then click **Manage Custom Variables**.
4. Add the necessary custom variable:

Linux

Name: `_tags`

Value: `unix`

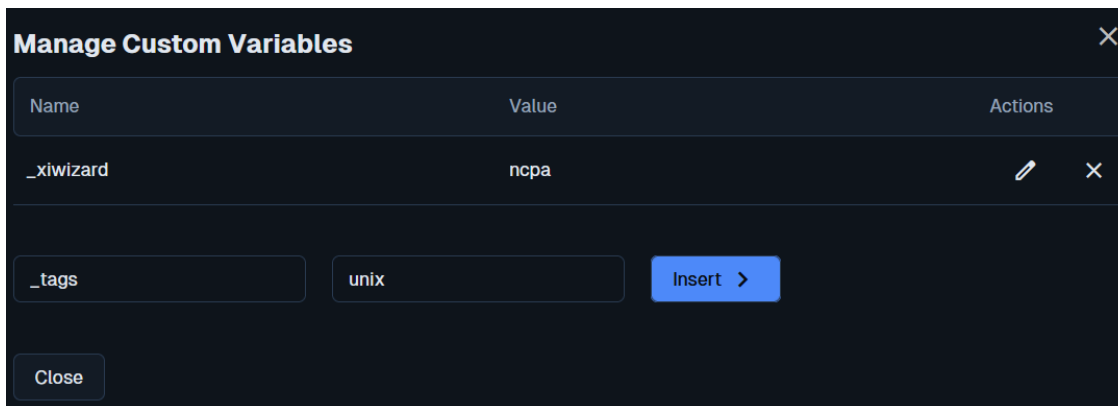
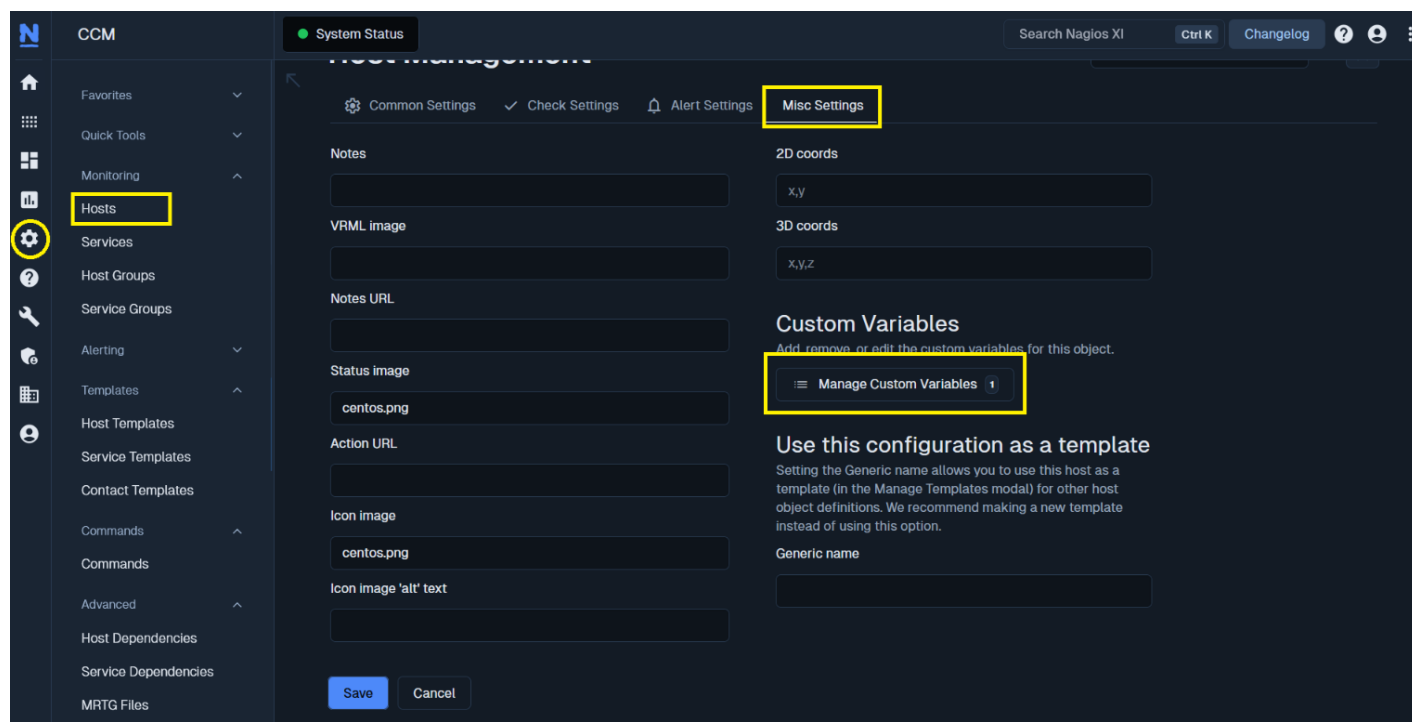
Windows

Name: `_tags`

Value: `win`

The following screenshot will help you locate this section of the Core Config Manager:

How To Enable NagVis Restart Actions In Nagios XI 2026R1+



5. Once you've added the custom variable, click **Save**, then **Apply Configuration** to write your changes.

How To Enable NagVis Restart Actions In Nagios XI 2026R1+

Setting Up the NCPA Script

Next, you'll add a restart script to the NCPA plugins directory on the target host.

Linux

On Linux systems, the NCPA plugins directory is at:

```
/usr/local/ncpa/plugins
```

Create a script to execute a restart command, and make it executable. For NagVis to identify the script, you must name it:

```
linuxrestart.sh
```

The following is an example which will restart a Linux system, but you can ultimately execute any commands you can script for. Use caution, and employ this example and option at your own risk.

```
#!/bin/bash
sudo reboot 0
```

Important Note: in order for the reboot to run, the `nagios` user must be given reboot permissions in the `sudoers` file.

Windows

On Windows systems, the NCPA Plugins directory will depend on where you chose to install it, but should be at either:

```
C:\Program Files (x86)\Nagios\NCPA\plugins
```

OR

```
C:\Program Files\Nagios\NCPA\plugins
```

Create a script to execute a restart command. For NagVis to identify the script, you must name it:

```
windowsrestart.ps1
```

The following is an example which will restart a Windows system, but you can ultimately execute any commands you can script for. Use caution, and employ this example and option at your own risk:

```
shutdown.exe /r /t 10 /c "Attempting safe restart"
exit 0
```

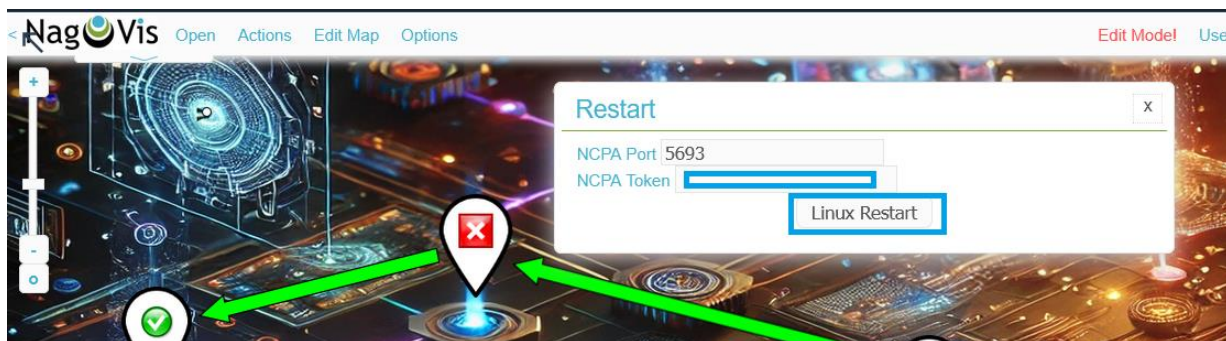
How To Enable NagVis Restart Actions In Nagios XI 2026R1+

Using the Restart Action Feature

Now that everything is set up, you can add your host to a NagVis map, and will see a new **Restart** option in the right-click context menu.



When you click Restart, you will be prompted for your NCPA Port and Token, and can then click the **Restart** button to execute the script.



Finishing Up

This completes the documentation on How To Enable NagVis Restart Actions in Nagios XI 2026R1+. 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](#)