

How To Use The Bulk Renaming Tool In Nagios XI 2024 & 2026

Purpose

This document describes how to use the **Bulk Renaming Tool** in the Nagios XI Core Config Manager (CCM).

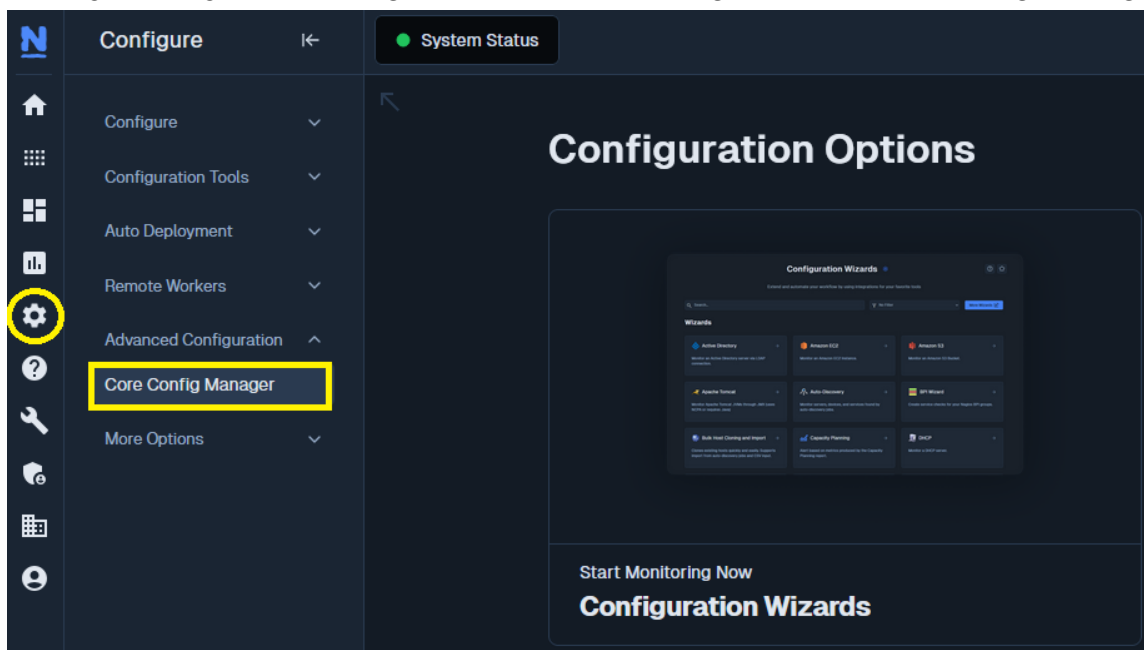
This tool enables you to quickly change the Host/Service Name, Alias, and Display Name of host and service objects in bulk. A huge advantage of this method, versus renaming them via their individual Host/Service Management menus, is that historical performance data will be retained. If objects are renamed outside of this tool, historical data is lost. Additionally, in XI 2026R1.6+, it is also possible to automatically update NagVis configs with the new names.

Prerequisites

Bulk Renaming is an Enterprise license feature. If you do not have the Enterprise Edition license of Nagios XI, you can enable the free 60-day trial to experience what it has to offer before making a purchase. The trial can be activated via **Admin > System Config > License Information**. Please feel free to contact your Customer Success Manager at csm@nagios.com with any questions.

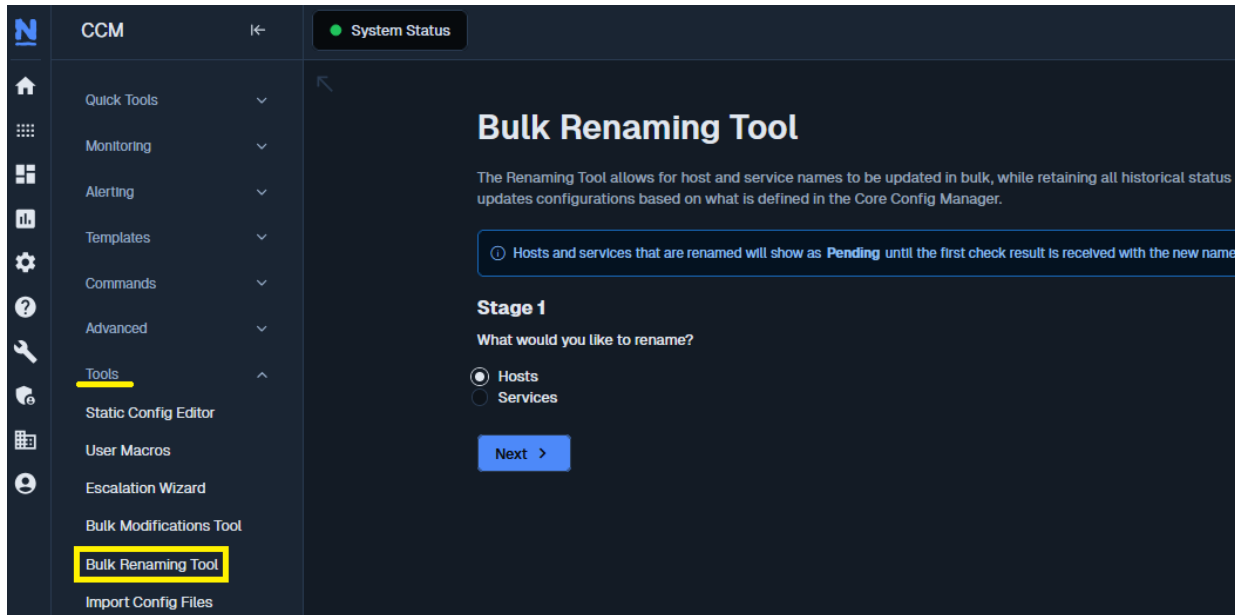
Finding Bulk Renaming

To begin, navigate to **Configure > Advanced Configuration > Core Config Manager**.



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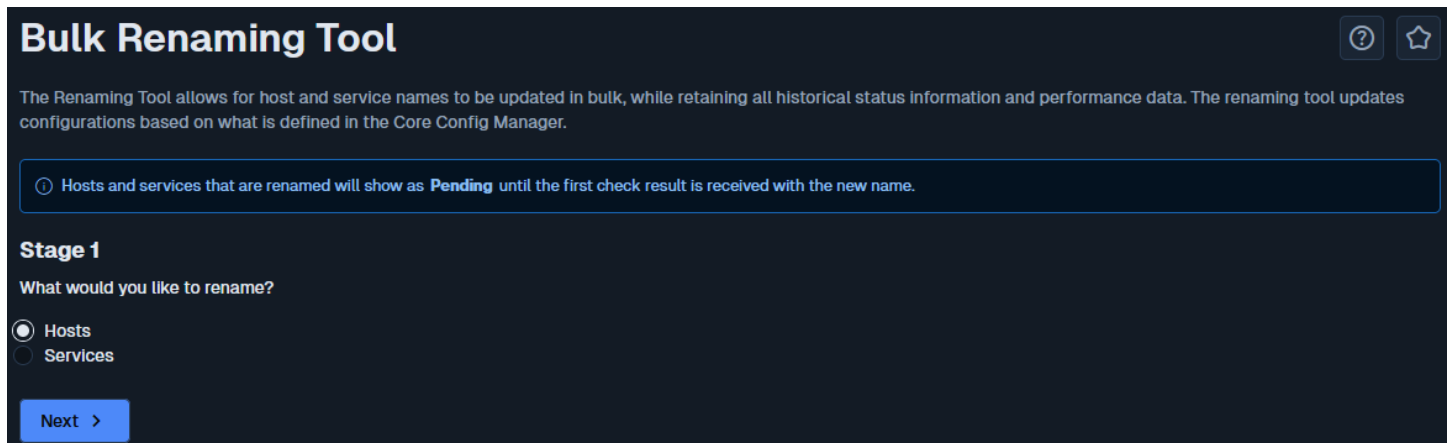
Next, navigate to **Tools > Bulk Renaming Tool**.



Using Bulk Renaming

Stage 1

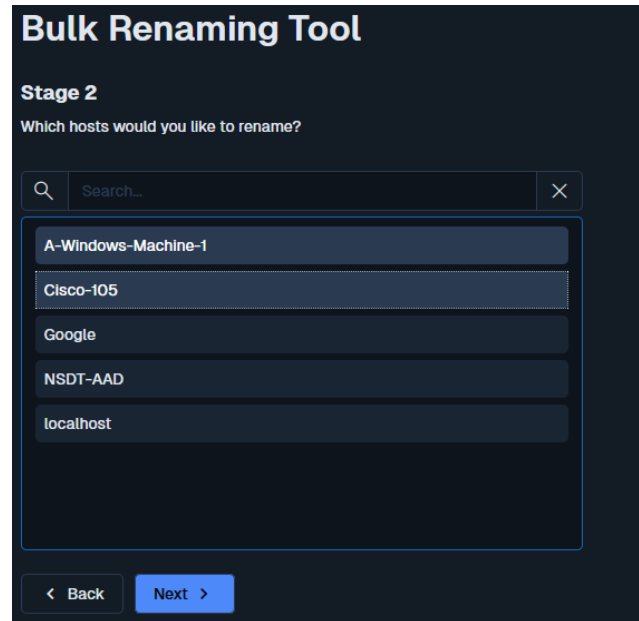
Select whether you'd like to rename Hosts or Services, then click **Next**.



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Stage 2

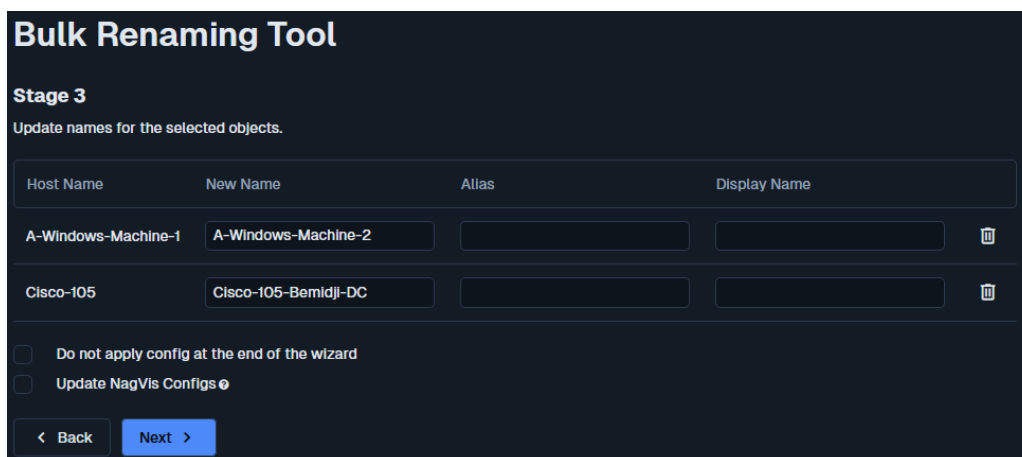
Next, find the objects you'd like to rename. You can find objects quickly with the Search bar at the top and use **Shift-leftclick** or **CTRL-leftclick** to select multiple objects. Click **Next** to proceed with making your selections.



can
top,
after

Stage 3

In Stage 3, define the **New Name** for the selected objects, and optionally an **Alias** and **Display Name**. Also note that by default, when you click **Next** here the configuration will be immediately applied. If you wish to make other changes before applying, check the **Do not apply config at the end of this wizard** box.



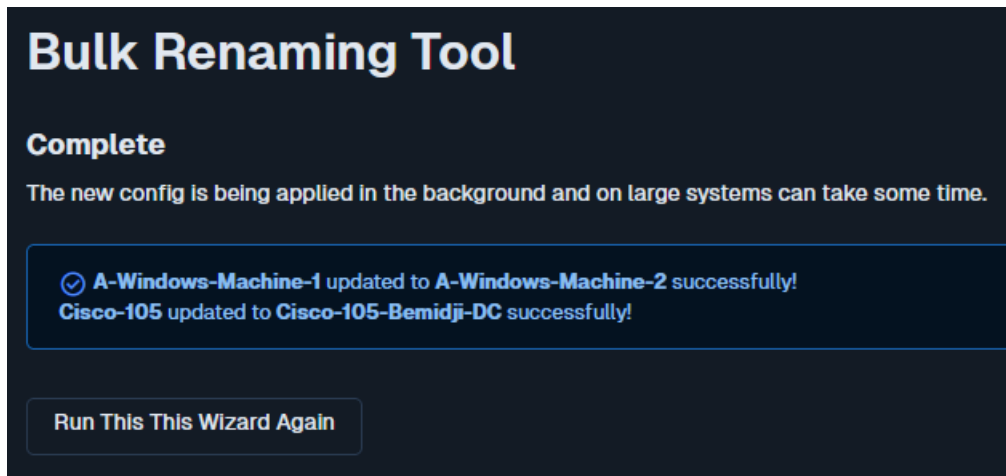
Host Name	New Name	Alias	Display Name
A-Windows-Machine-1	A-Windows-Machine-2		
Cisco-105	Cisco-105-Bemidj-DC		

For more details on the **Update NagVis Configs** option (available in XI 2026R1.6+), please refer to [this section](#).

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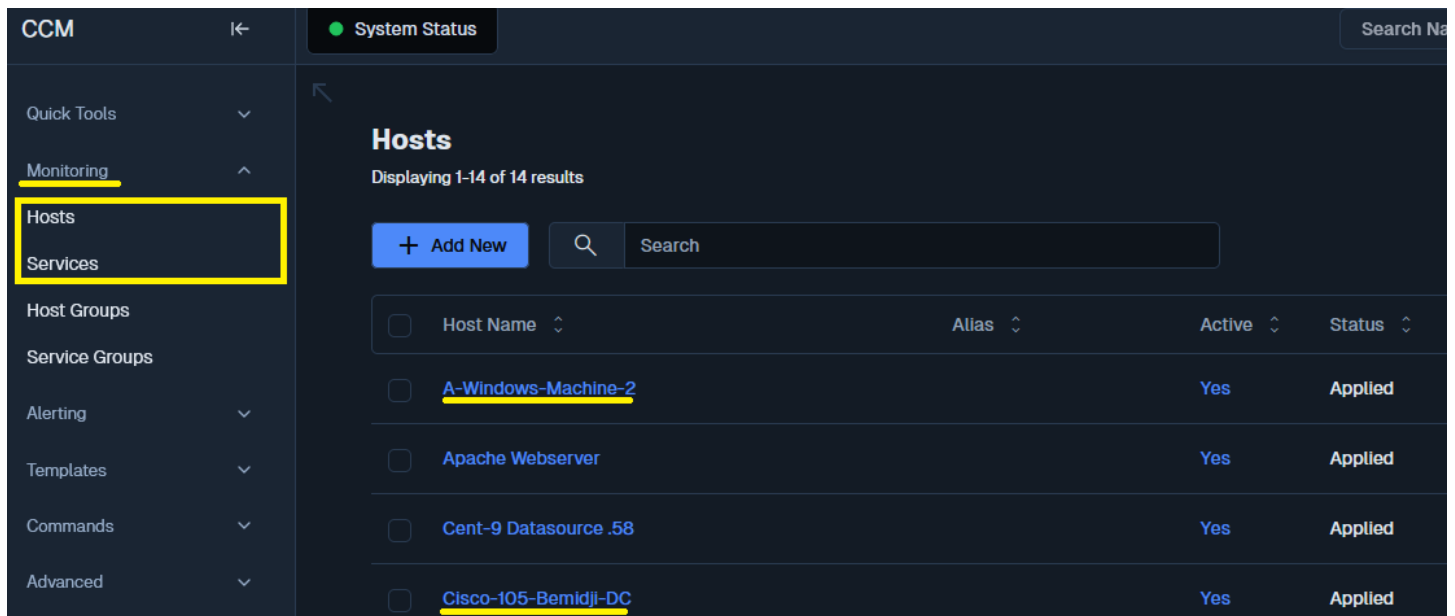
Renaming Complete

Once you click Next in Stage 3, you'll be brought to a final confirmation page detailing the changes that were made.



The screenshot shows the 'Bulk Renaming Tool' completion page. The title 'Bulk Renaming Tool' is at the top. Below it, the word 'Complete' is displayed. A message states: 'The new config is being applied in the background and on large systems can take some time.' A success message box contains two entries: 'A-Windows-Machine-1 updated to A-Windows-Machine-2 successfully!' and 'Cisco-105 updated to Cisco-105-Bemidji-DC successfully!'. At the bottom, there is a button labeled 'Run This This Wizard Again'.

You can confirm the change (assuming the configuration has been applied) by going to **Monitoring > Hosts** or **Services** and checking the new **Host/Service Names**:



The screenshot shows the Nagios XI interface for monitoring hosts. The left sidebar has 'Monitoring' expanded, with 'Hosts' highlighted. The main content area is titled 'Hosts' and shows 'Displaying 1-14 of 14 results'. There is an 'Add New' button and a search bar. A table lists the hosts with columns for Host Name, Alias, Active, and Status. The hosts listed are A-Windows-Machine-2, Apache Webserver, Cent-9 Datasource .58, and Cisco-105-Bemidji-DC. The new host names are highlighted in yellow.

<input type="checkbox"/>	Host Name	Alias	Active	Status
<input type="checkbox"/>	A-Windows-Machine-2		Yes	Applied
<input type="checkbox"/>	Apache Webserver		Yes	Applied
<input type="checkbox"/>	Cent-9 Datasource .58		Yes	Applied
<input type="checkbox"/>	Cisco-105-Bemidji-DC		Yes	Applied

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About the Update NagVis Configs Option

If you use [NagVis](#) to create custom maps and diagrams in XI, you may have noticed in the past that when you modify host or service names, the object names are not updated in your NagVis configs, causing problems with maps.

In XI 2026R1.6+, you can use the Bulk Renaming Tool to address this disconnect. When changing object names with the tool, if you select the **Update NagVis Configs** option in Stage 3, your NagVis configs will be automatically updated with the new names.

Important: this capability is exclusive to the **Regular map** Map Type in NagVis.

When this function is executed, a backup of your NagVis configs will be automatically created and placed in this directory:

```
/usr/local/nagvis/etc/maps/backups
```

If for some reason it becomes necessary to revert the changes, you can restore from the backup with the following steps:

1. First, run this command to move to the `maps` directory:

```
cd /usr/local/nagvis/etc/maps
```

2. Run this command to list the backups in the `backups` directory to identify the name of the backup you wish to restore:

```
ls backups/
```

3. Next, run this command to unpack the backup and overwrite the `maps` directory with the old configs. Replace `<time>` in the command with the timestamp in the filename of the actual backup `.tar`:

```
tar -xzf backups/backup_<time>.tar.gz
```

4. Finally, run this command to clear the cached files:

```
rm -f /usr/local/nagvis/var/*cache*
```

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Further Reading

You can learn more about all of Nagios XI's powerful bulk management capabilities in this article on the Nagios Library:

[Go Big with Nagios XI's Bulk Object and Incident Management Options](#)

Finishing Up

This completes the documentation on using the Bulk Renaming Tool in Nagios XI. If you have additional questions or other support-related questions, please visit the Nagios Support Forum, Nagios Documentation Hub, or Nagios Library:

[Visit Nagios Support Forum](#)

[Visit Documentation Hub](#)

[Visit Nagios Library](#)