

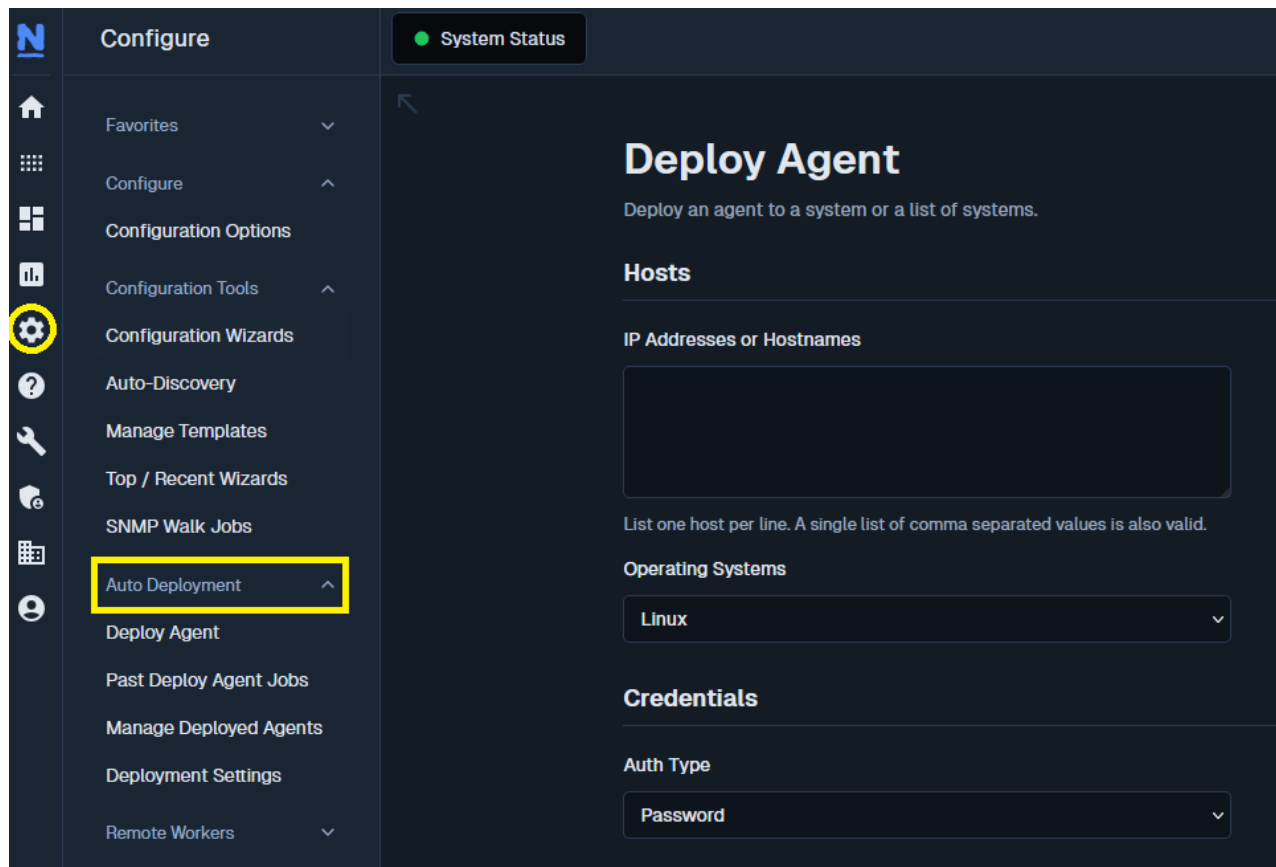
How To Use Auto Deployment In Nagios XI 2026

Purpose

This document describes how to use the Auto Deployment tool in Nagios XI to deploy NCPA (the Nagios Cross Platform Agent) to individual or groups of Linux, Windows, Mac OSX, and Solaris servers automatically from the Nagios XI web interface.

Finding Auto Deployment

To begin, navigate to the **Configure > Auto Deployment** menu:



How To Use Auto Deployment In Nagios XI 2026

Deployment Settings

Before you proceed with deploying agents with **Deploy Agent**, it's worth taking a look at the **Deployment Settings** menu.

This section is where you'll define the **Status Check Interval** (how often, in hours, that Nagios XI will check in with deployed agents to get updated version information, and to verify that the defined credentials are valid), and importantly the **NCPA Token**.

Deployment Settings

Deployed Agents

Status Check Interval

24 hours

How often to check in with agents to get updated version info and ensure credentials work.

Security Settings

NCPA Token

67qAPFvIHZlJOCjxyz

Token that will be given to NCPA agents that are deployed. This will not change the token on

Update Settings

The **NCPA Token** defined here is the token that will be set on the systems you deploy NCPA to with Auto Deployment. If you need to manually change the token later, you can refer to the **Configuring NCPA** section on page 9 of this document to learn how to access and modify the `ncpa.cfg` file on systems running NCPA:

[NCPA v3 Agent Installation Instructions](#)

Note that changing the token here will change the token which is set in future deploy agent jobs, but will not change the token on previously deployed hosts.

How To Use Auto Deployment In Nagios XI 2026

Deploy Agent

To deploy NCPA to your server(s), go to the **Deploy Agent** section, and complete the various fields:

- **IP Addresses or Hostnames:** list one host per line, or a single list of comma separated values.
- **Operating System:** Choose Linux, Windows, Mac OSX, or Solaris.

Windows Note: To use the Deploy Agent feature on Windows systems, you must ensure that the **OpenSSH Server** component is installed and running on each host. Windows often ships with only the **OpenSSH Client**, which allows outbound SSH connections. The **OpenSSH Server** is required to accept inbound SSH connections and allow the Deploy Agent to function. Once installed, verify that the `sshd` service is enabled and running.

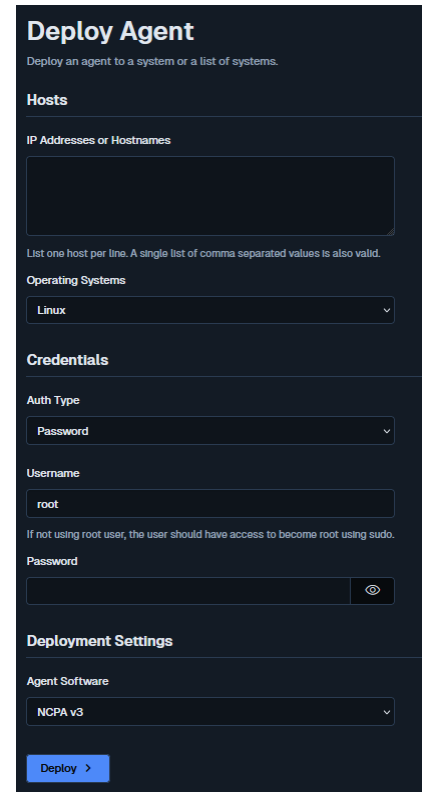
Solaris Note: Experimental support for Solaris 11.4 SRU81 is now available in NCPA v3.

- **Auth Type :** select **Password**
- **Username:** enter the username of the user you will connect to the target systems using. The user must either be root, or have access to become root using sudo.
- **Password:** the password for the above user.
- **Agent Software:** Deploy Agent supports both NCPA v3, and the final version of NCPA v2 (2.4.1). NCPA v3 is the superior choice, providing the most stable, reliable, and capable option, and maximum supportability.

However, NCPA v2 offers support for some older operating systems no longer supported by v3. You can find details on supported OS' here:

<https://www.nagios.org/ncpa/archive.php>

To begin deploying NCPA, click the **Deploy** button.



The screenshot shows the 'Deploy Agent' form in Nagios XI. The form is titled 'Deploy Agent' with a subtitle 'Deploy an agent to a system or a list of systems.' It is divided into several sections: 'Hosts' with a text area for 'IP Addresses or Hostnames' and a note 'List one host per line. A single list of comma separated values is also valid.'; 'Operating Systems' with a dropdown menu currently set to 'Linux'; 'Credentials' with 'Auth Type' set to 'Password', a 'Username' field containing 'root', and a 'Password' field with a toggle for visibility; and 'Deployment Settings' with 'Agent Software' set to 'NCPA v3'. A blue 'Deploy >' button is at the bottom.

How To Use Auto Deployment In Nagios XI 2026

Once the deploy job completes, you'll see a table of details about each device you targeted.

If there was a problem, you'll see information about the failure in the Status section.

For those listed as Success, you can click the checkbox on the left for any you'd like to configure monitoring of right away, then click the **Run Wizard** button to be brought to the NCPA Configuration Wizard.

Deploy Agent

Please wait for job to finish. Once finished, you can select the hosts to run the configuration wizard against.

	Host	System	Status	
☐	192.168.145.60	Unknown	Unreachable	Invalid/incorrect password: Warning: Permanently added '192.168.145.60' (ED25519) to the list of known hosts. Permission denied, please try again.
☒	192.168.168.202	CentOS 9 (x86_64)	Success	Installed and running

 Run Wizard

 Run Again

 Back

The **IP Address**, **Port**, **System**, and **Token** settings normally defined in **Step 1** of the wizard will be pre-populated for you, and you'll begin at **Step 2**:



NCPA Configuration Wizard

Step 2



Host Information

Adding the following service checks to the below hosts

Hostname

192.168.168.201
192.168.168.202

System Metrics

Specify the metrics you'd like to monitor with the NCPA Agent.

☒ CPU Usage ⓘ

 20 %

 40 %

☒ Show average CPU usage instead of per cpu core

☒ User Count ⓘ

 2

 4

How To Use Auto Deployment In Nagios XI 2026

Manage Deployed Agents

In this section, you can view and edit the settings for deployed agents, delete the settings for deployed agents, and run the NCPA wizard using their settings. The Run Wizard, Edit, and Remove options can be found in the Actions column on the far right of the table:

Manage Deployed Agents

Add, edit, and delete deployed agents..

[Deploy Agent](#) [+ Add Agent](#)

IP Address / Hostname	Agent Status	Agent	Agent Version	OS	Last Status Check	Last Updated	Creator	Deployed / Added On	Actions
192.168.168.201	Available	NCPA3	3.2.1	CentOS	2025-11-12 14:01:27	2025-11-12 14:01:27	Nagios Administrator	2025-11-12 14:01:27	Run Wizard Edit Remove
192.168.168.202	Available	NCPA3	3.2.1	CentOS	2025-11-12 14:01:27	2025-11-12 14:01:27	Nagios Administrator	2025-11-12 14:01:27	Run Wizard Edit Remove

Edit Settings

In the **Edit** menu, you can modify the IP Address/Hostname, Operating System, Agent Software version, and NCPA Token.

Edit Agent

Tokens are encrypted and used when running the wizard.

IP Address / Hostname

Operating Systems

Linux

Agent Software

NCPA v3

NCPA Token

[Save](#) [Cancel](#)

How To Use Auto Deployment In Nagios XI 2026

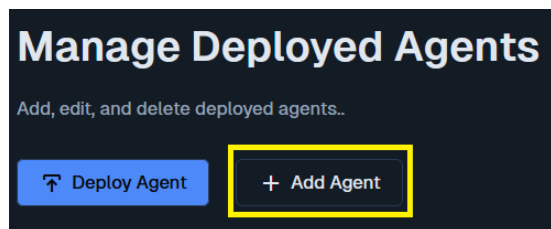
Note that these fields determine the settings saved *in Nagios XI* that will be used to connect to the systems. So changing the NCPA Token here wouldn't change the `community_string` in the `nepa.cfg` on the target system. If however, you changed the `community_string` in the `nepa.cfg` on the target system, you'd need to update the NCPA Token setting here for the Auto Deployment functions to work.

Remove

The remove option will delete the agent settings for the host from Nagios XI, but will not remove or modify the settings of the NCPA agent on the target host itself.

Add Agent

At the top of the menu is an **Add Agent** button. This option enables you to add NCPA hosts to Auto Deployment that you installed NCPA on manually.



Past Deploy Agent Jobs

In this section you will find details on the deploy agent jobs that have previously been run, including the **Hosts** each job was run on, which Nagios XI user was the Job Creator, what type of System was targeted, the Status, and an option to view the Raw Output.

Past Deploy Agent Jobs								
Previously run auto deploy jobs. Delete jobs or click a job name to rerun the job or run the config wizard against the host(s).								
ID	Job Name	Hosts	Job Creator	System Type	Status	Raw Output	Actions	
4	6914e7617c94b	192.168.168.201 192.168.168.202	Nagios Administrator	linux	Completed	View Raw		
3	6914df300f7e2	192.168.168.202 192.168.145.60	Nagios Administrator	linux	Completed	View Raw		

How To Use Auto Deployment In Nagios XI 2026

If you'd like to view the final results page for a job (the same page shown after a job is initially run and completes), click the link in the Job Name column. From this page you can run the job again, or run the NCPA Wizard on any of the target hosts:

Deploy Agent

Please wait for job to finish. Once finished, you can select the hosts to run the configuration wizard against.

Host	System	Status	
☒ 192.168.168.201	CentOS 9 (x86_64)	● Success	Installed and running
☒ 192.168.168.202	CentOS 9 (x86_64)	● Success	Installed and running

 Run Wizard  Run Again  Back

To permanently delete a job from the list, click the trashcan icon on the far right. Deleting the job will not delete NCPA from the target hosts, or delete the host settings from Nagios XI. They will still be present in the **Manage Deployed Agents** section. Deleting the job simply deletes the record of and settings used by the job.

Finishing Up

This completes the documentation on Using the Auto Deployment Tool 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](#)