How To Install The Windows Agent NSClient++ For Nagios XI 2024

Purpose

This document describes the procedures for installing Nagios monitoring agent, NSClient++, on a target Microsoft Windows desktop or server for the purposes of monitoring that machine with Nagios XI. This allows organizations to monitor vital metrics and ensure that a specific Windows desktop machine or server is functioning properly.

Alternative Agents

NSClient++ is one of many agents that can be used to monitor Windows devices. This document will go through the installation and use of NSClient++.

However, for ease of use and greater functionality, Nagios Enterprises recommends using a multi-platform agent called NCPA that can be downloaded for Windows, Linux, and Mac devices.

For more information on NCPA, view the documentation here:

[Nagios NCPA Getting Started](#)

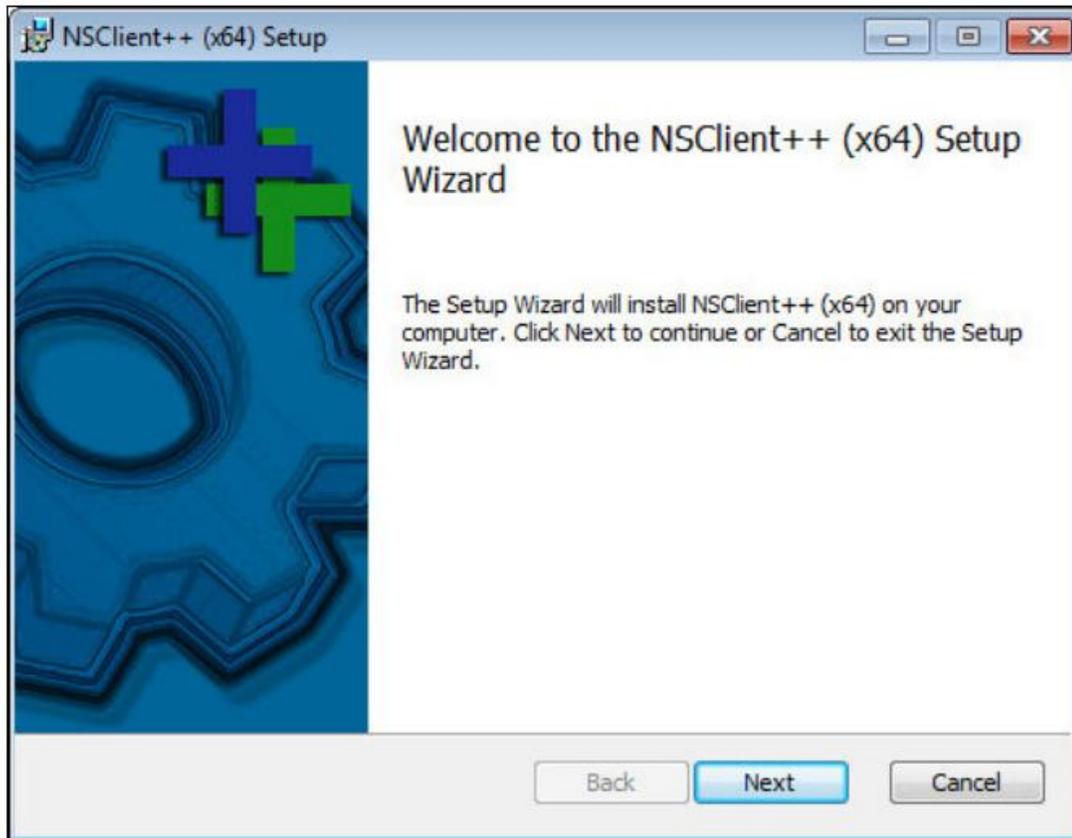[Monitoring Windows Using NCPA](#)

NSClient++ Overview

First, the NSClient++ agent must be downloaded (.4.4.x only). There are two ways to do this:

- From Nagios XI web interface when using the NSClient++ monitoring wizard
- From the [NSClient++ downloads page](#)

The NSClient++ agent must be installed on the target Windows machine and configured before Nagios can monitor system metrics, services, processes, or performance data on the target machine using the Windows Server configuration wizard.
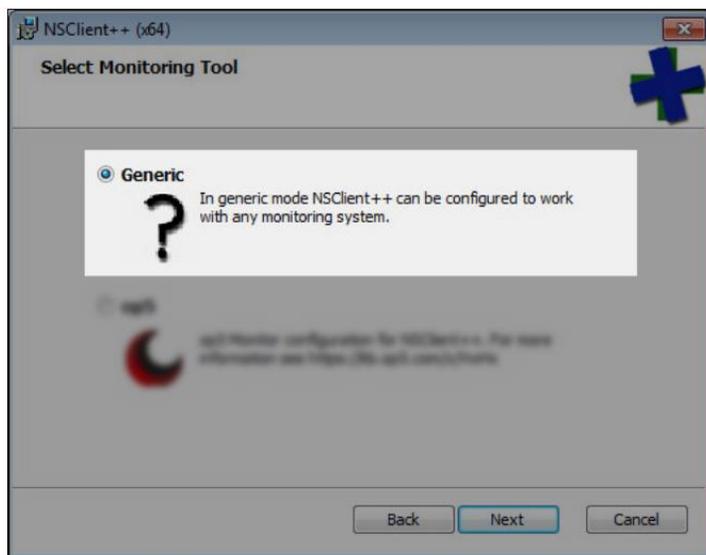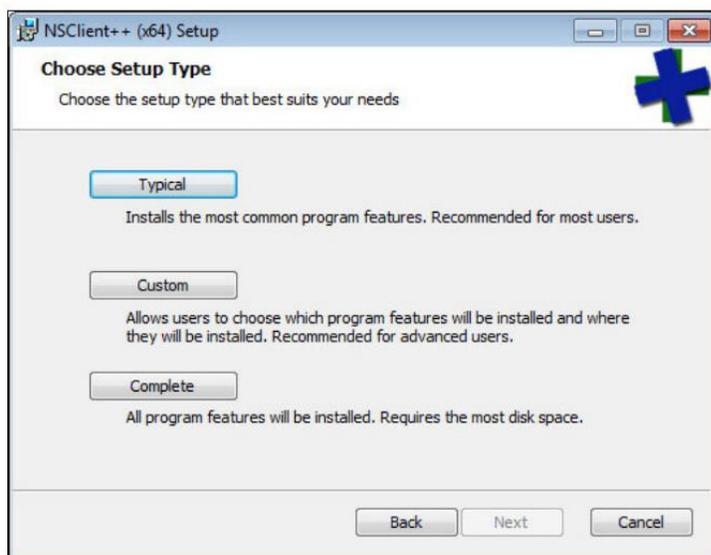
Installing The Agent

1. Log on to the windows machine you wish to install the NSClient++ agent on.
2. Run the **NSClient++ installer package** to start the installation.
3. The **Welcome Screen** will appear.

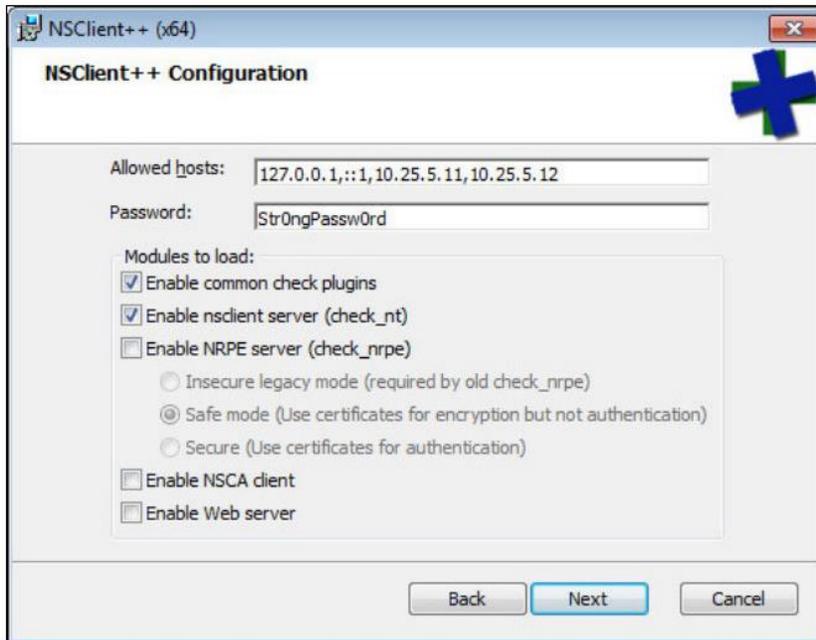4. Click **Next** to continue to the next step.

5. Select **Generic** and click **Next** to continue.
6. Click the **Typical** button.

7. In the next step you will need to configure the NSClient++ agent.

8. Enter the IP address(es) of the Nagios XI server(s) in the **Allowed hosts** box. In this example you can see two addresses have been added (`10.25.5.11` and `10.25.5.12` separated by a comma).
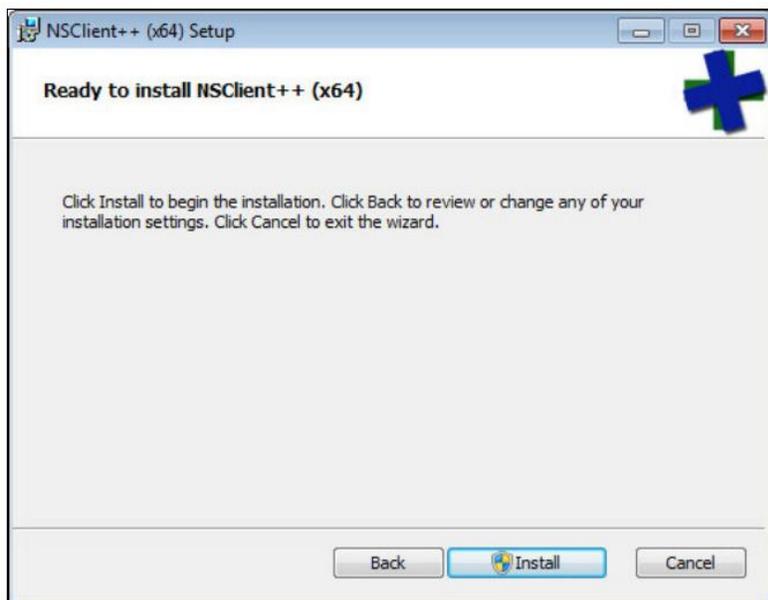

9. Enter a password in the **Password** box that is required for communication between the Nagios server and the Windows machine (used by **check_nt** plugin).
   a. **Enable common check plugins** = Checked
   b. **Enable nsclient server (check_nt)** = Checked

   Note: In the screenshot, NRPE has not been selected as it is not required by using the Windows Server configuration wizard. NRPE does offer advanced monitoring capabilities, however this is beyond the scope of this guide.
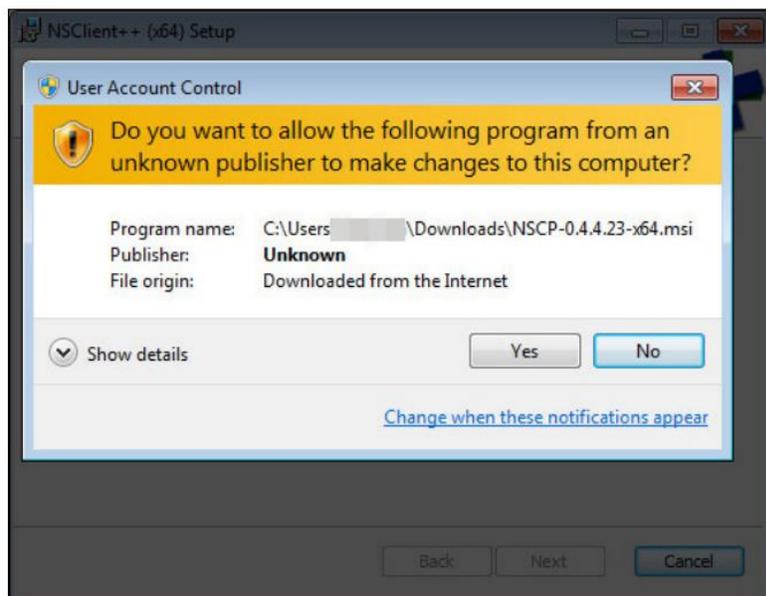
12. Click **Next** to continue.

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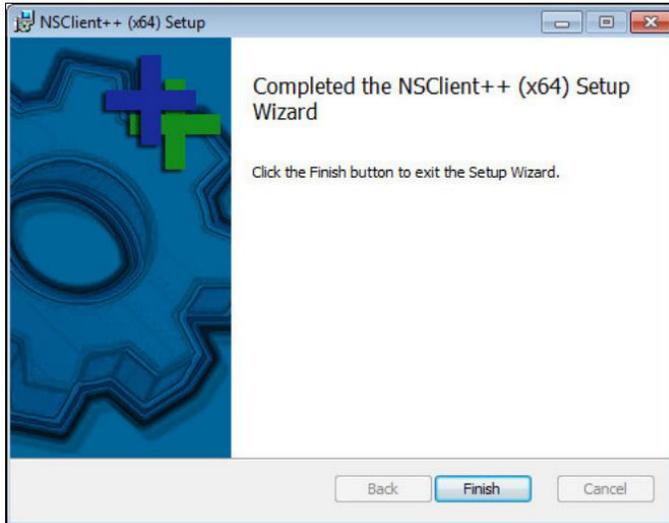10. Click the **Install** button on the next screen to begin the installation.

Note: You may be prompted to grant permission to the installer to make changes to the computer, click Yes to continue.

11. Wait while NSClient++ is installed and click **Finish** to complete the setup.

12. The NSClient++ agent will now be running as a service, which means the Windows machine is ready to be monitored with Nagios XI.

Configuration Wizards

Once the installation is complete you are now able to use the NSClient++ configuration wizard, no additional steps are required. The following documentation explains how to use the configuration wizards:

How to Monitor Windows Using NSClient++ In Nagios XI 2024

If you want to use the NRPE monitoring wizard with NSClient++ for advanced monitoring configurations then you will need to perform the steps in the following documentation:

How To Enable The NRPE Listener In NSClient++ 0.4.x For Nagios XI 2024

Finishing Up

This completes the documentation on installing the Windows agent In Nagios XI 2024. 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