

Lesson 09 Demo 02

Adding Hosts to the Nagios Monitoring Tool

Objective: To add a host to the Nagios monitoring tool for efficient system management and comprehensive network oversight

Tools required: Nagios XI

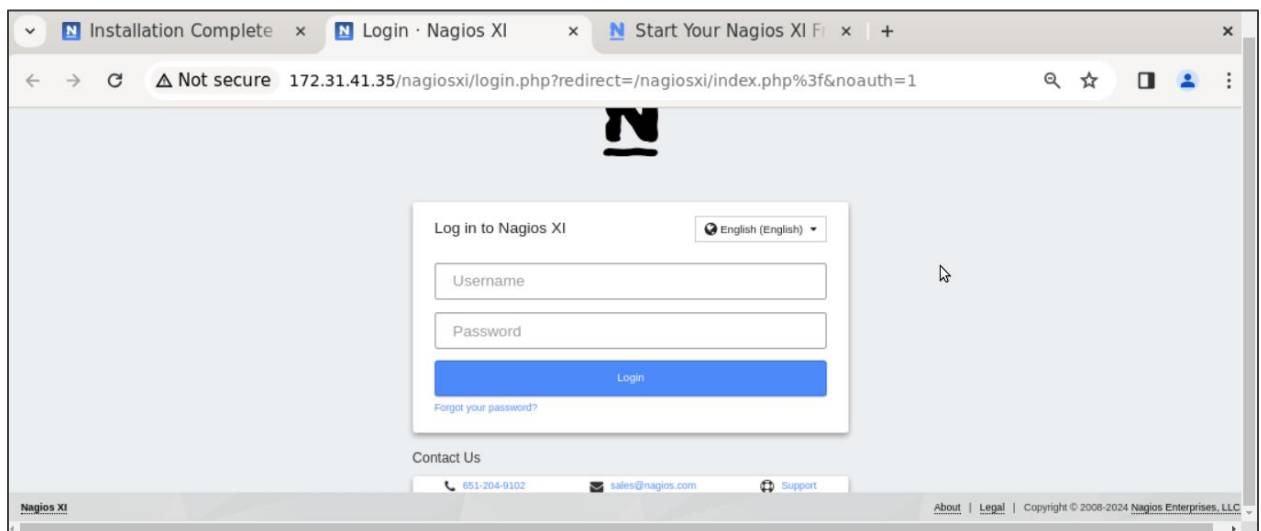
Pre-requisites: You need to have root privileges. Also, ensure you have successfully installed Nagios XI. In case you don't have it installed, refer to the Demo 01 of Lesson 09.

Steps to be followed:

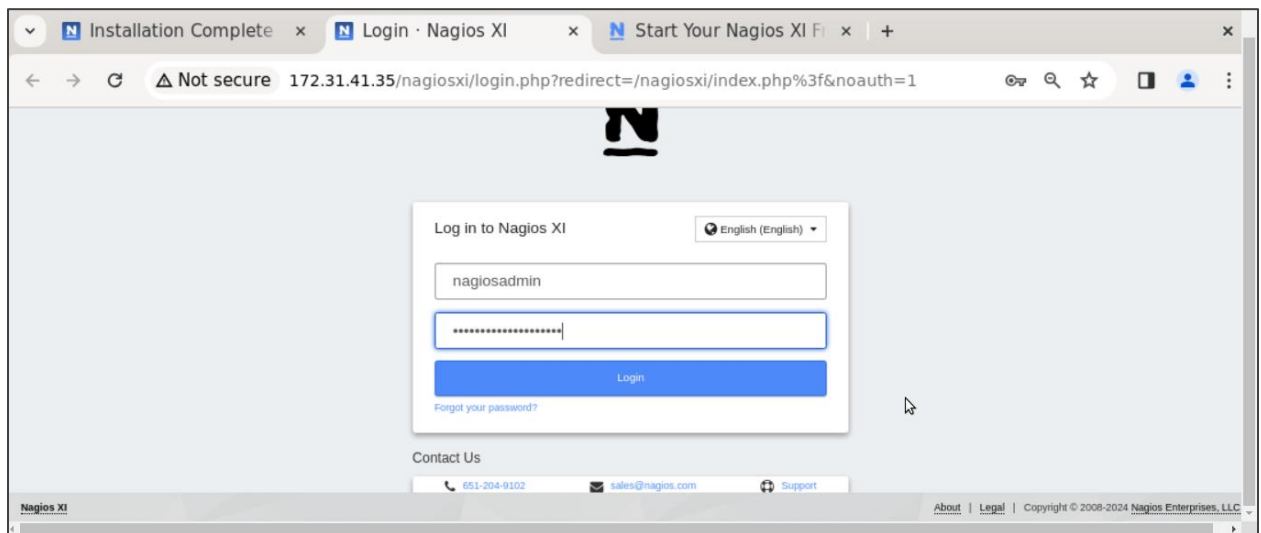
1. Login to the Nagios XI dashboard
2. Add a host using the Core Config Manager

Step 1: Login to the Nagios XI dashboard

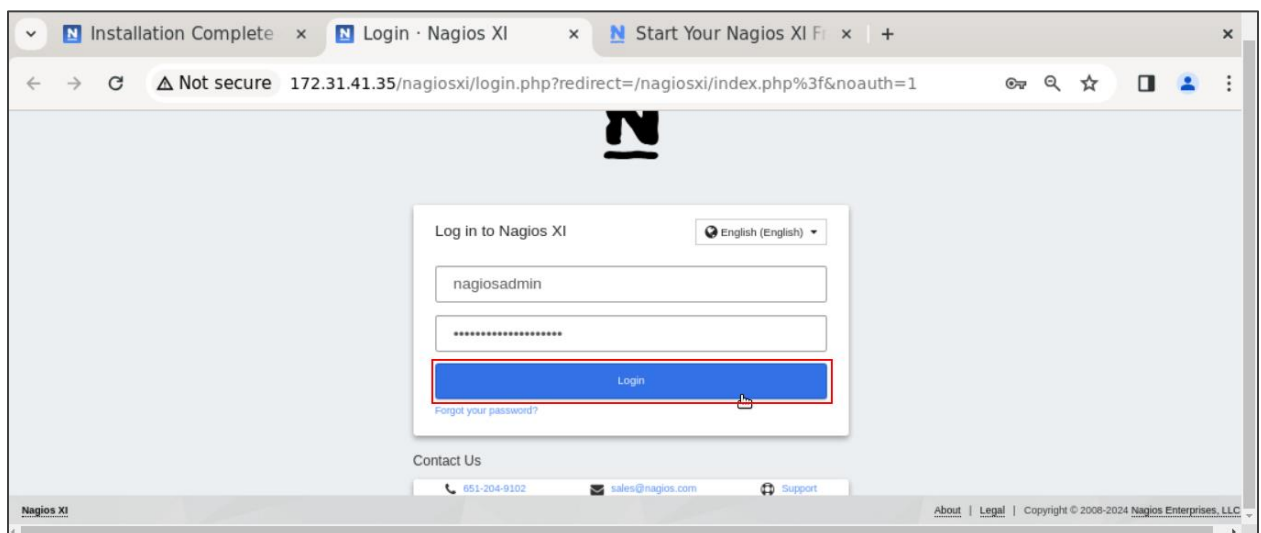
1.1 Navigate to the Nagios dashboard using the URL provided in the previous demo



1.2 Enter the **Username** and **Password** in the input fields as shown in the screenshot below:

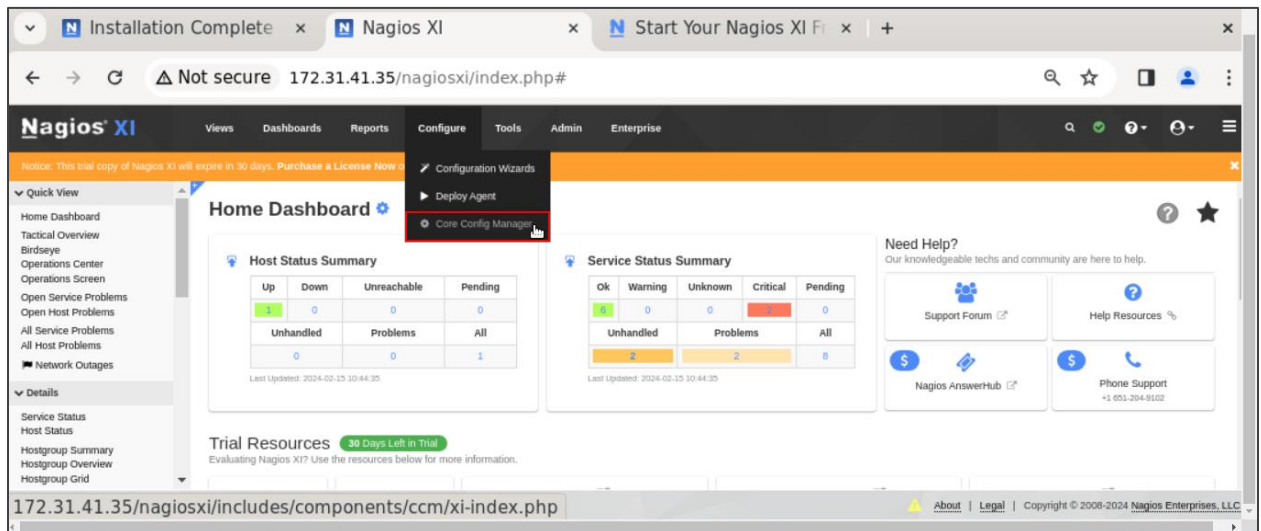


1.3 Click on the **Login** button

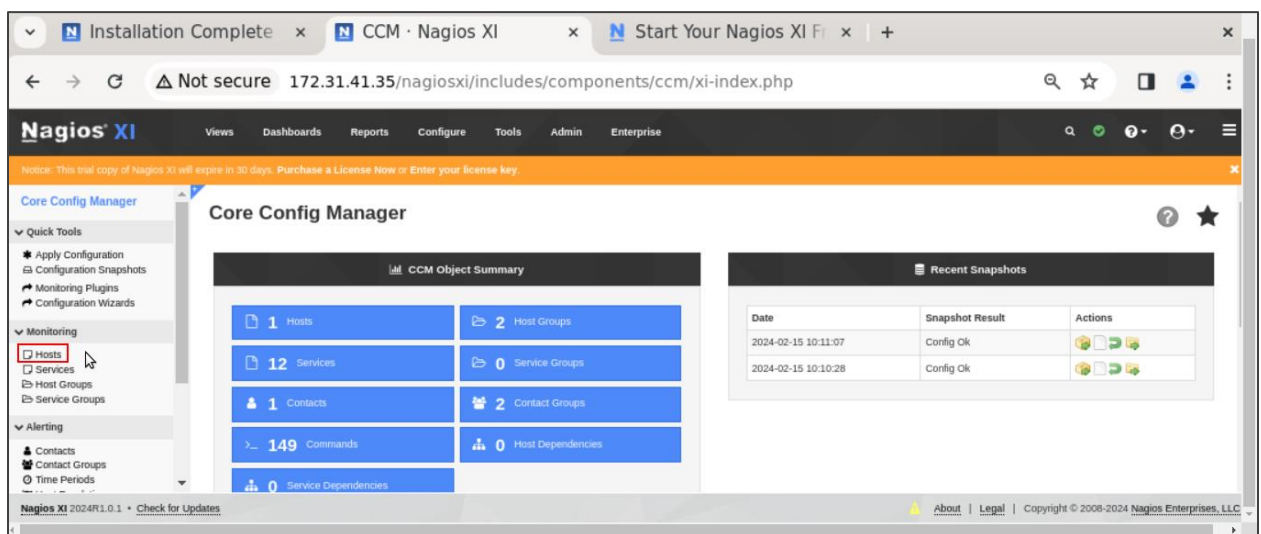


Step 2: Add a host using the Core Config Manager

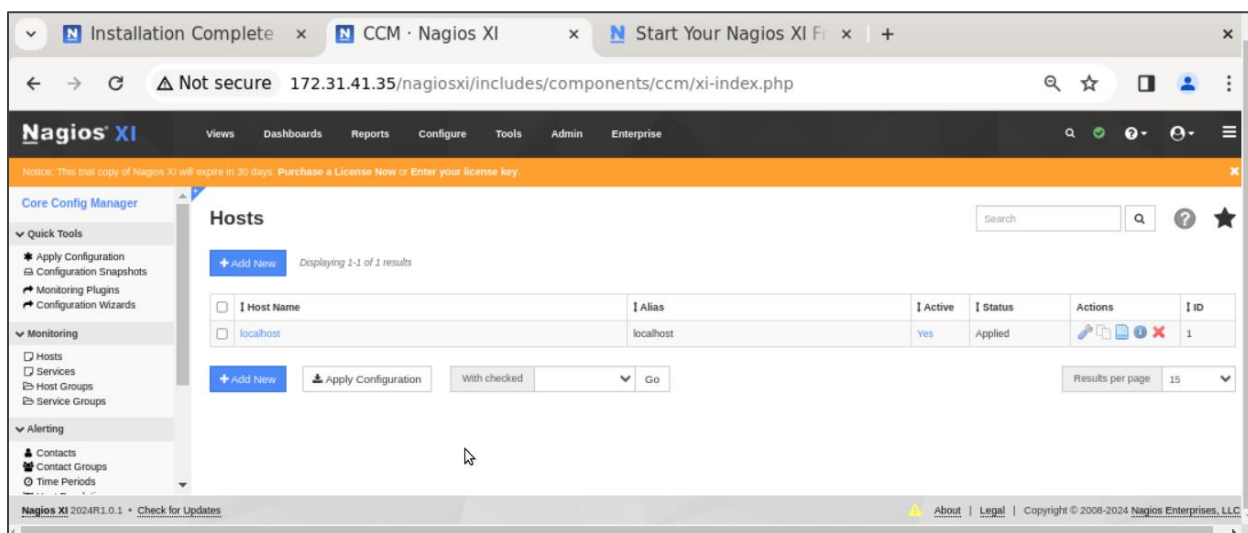
- 2.1 Click on the **Configure** dropdown and then click on the **Core Config Manager** as shown in the screenshot below:



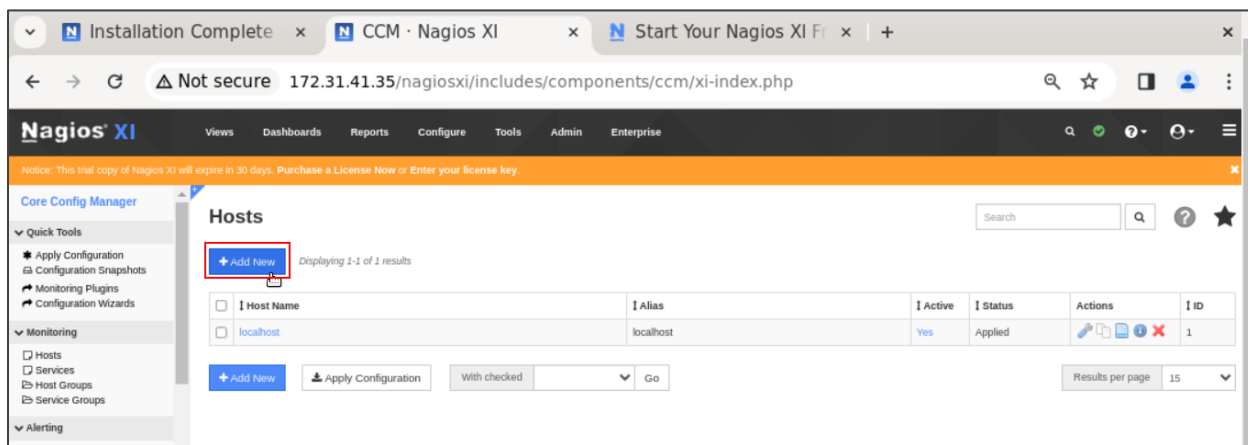
- 2.2 Click on the **Hosts** link located under the **Monitoring** section as shown in the screenshot below:



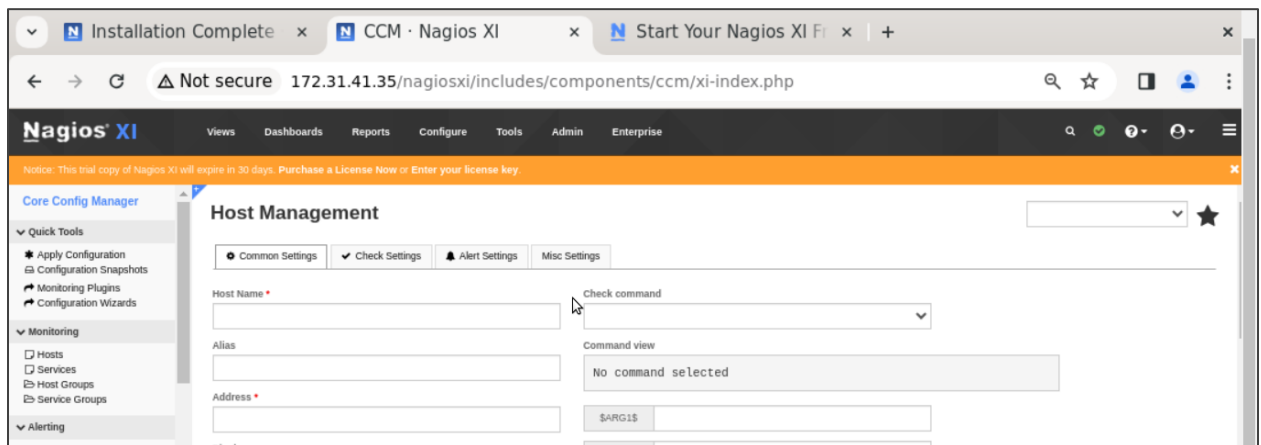
This action will open the Host Management page, displaying a list of the current hosts monitored by Nagios XI as shown in the screenshot below:



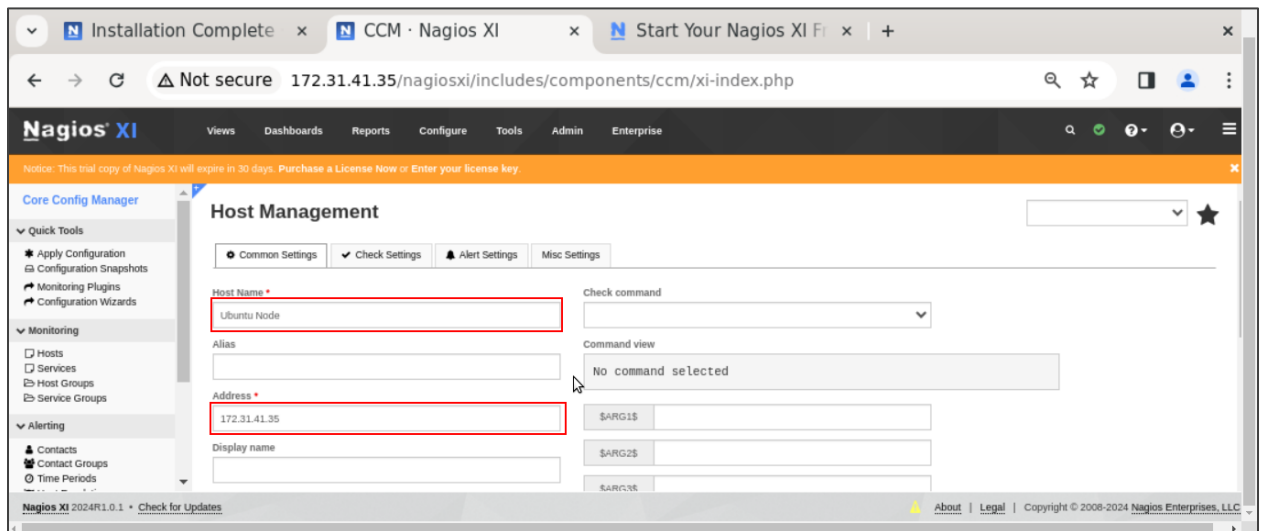
2.3 Click on the **Add New** button to manually add a new host



The following page will appear:

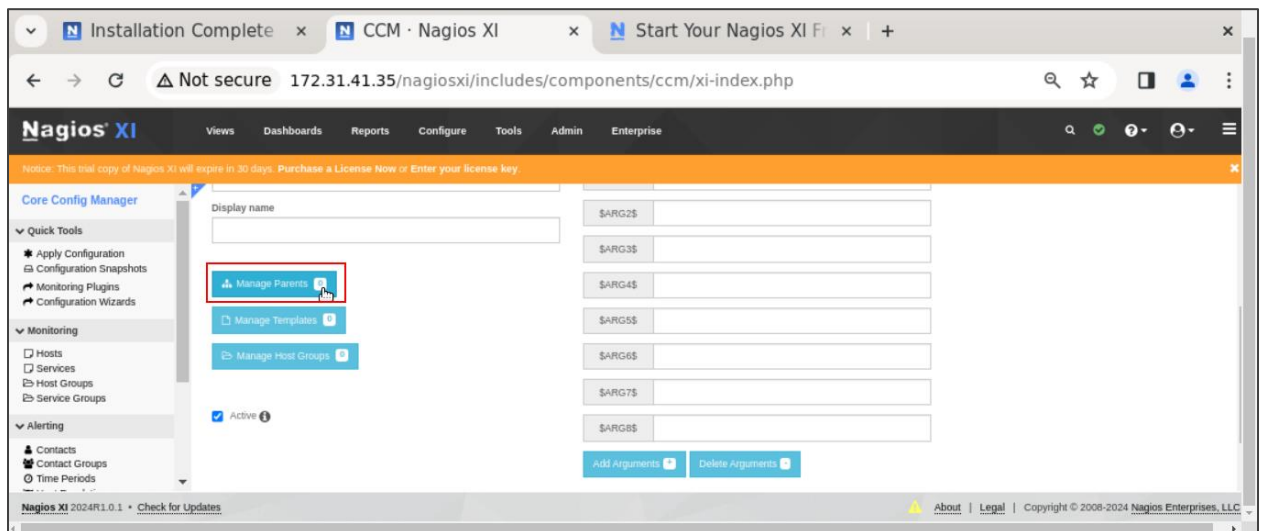


- 2.4 Add the primary host parameters such as **Host Name** and **Address** as shown in the screenshot below:

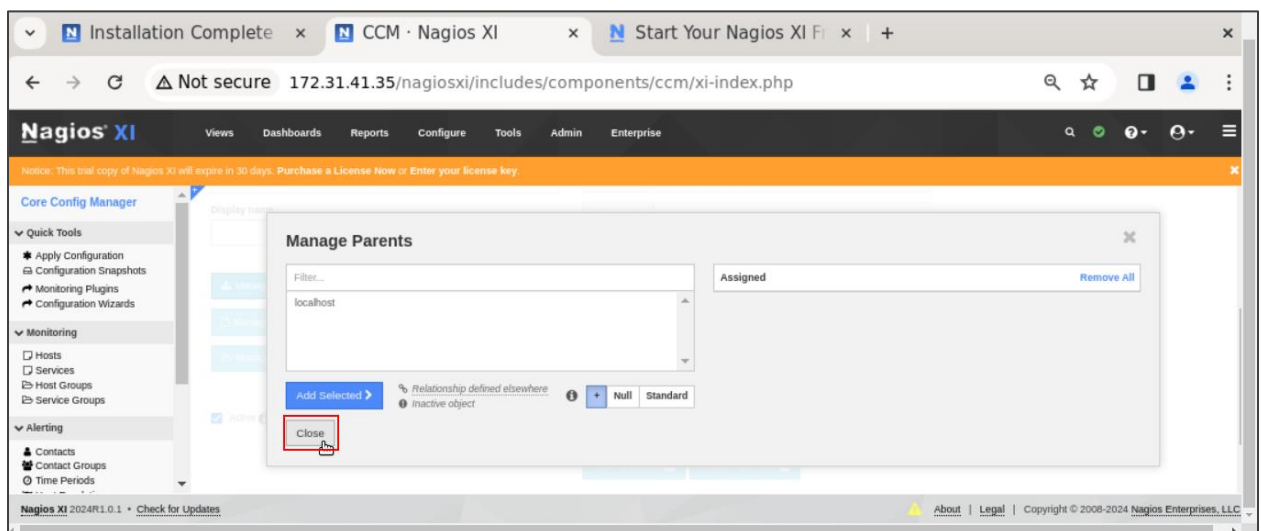


Note: You may also add the **Display name** as required in the above **Host Management** parameters.

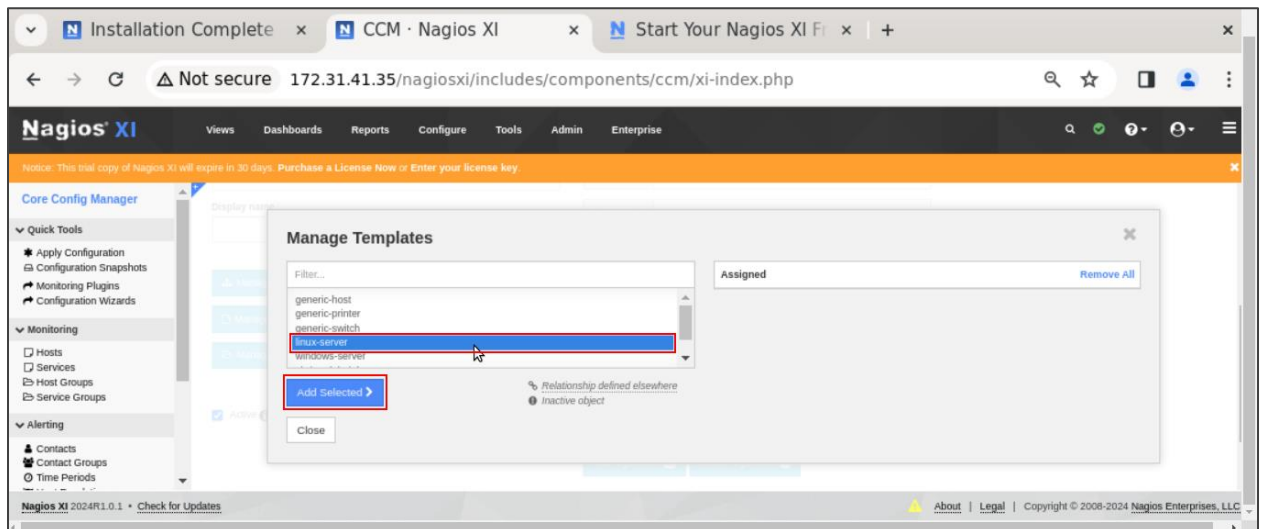
2.5 Click on the **Manage Parents** button to associate parent host(s) for the host



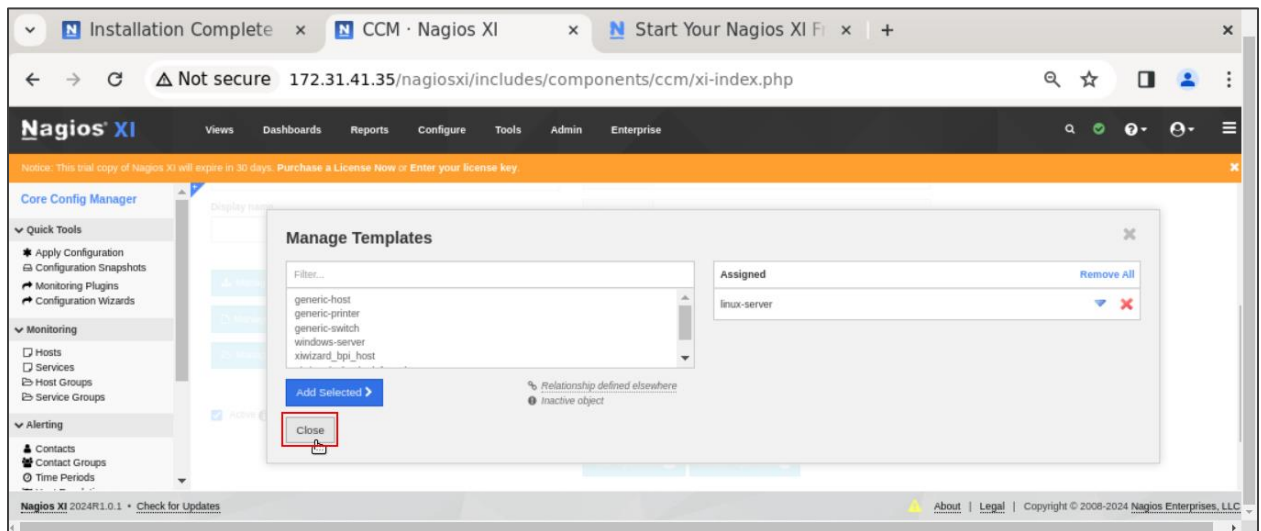
2.6 Add the desired parent host, then click on the **Close** button



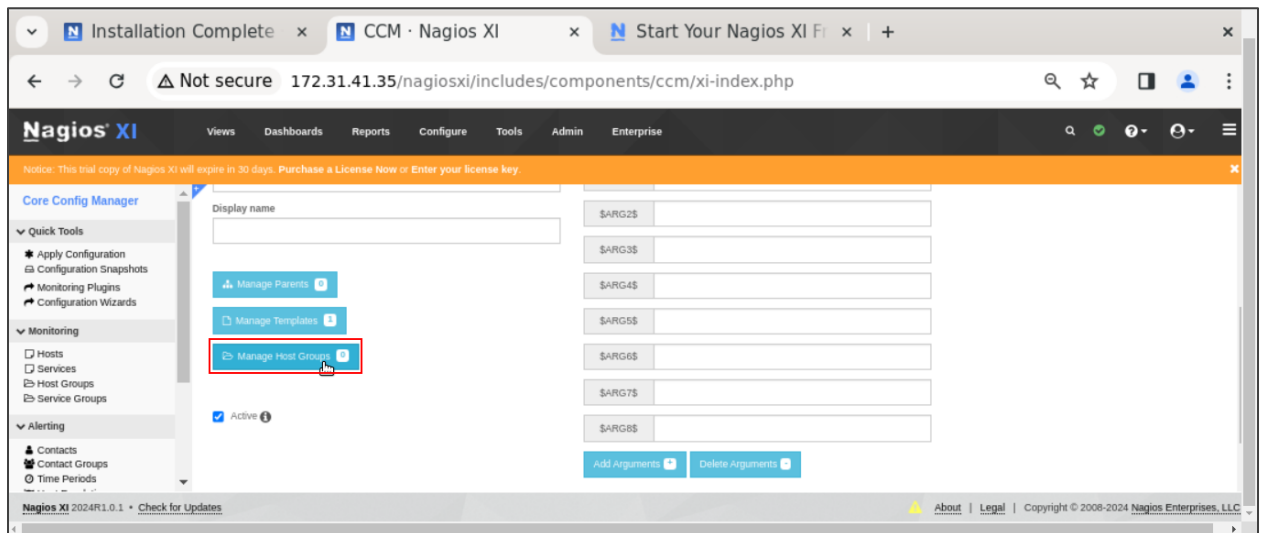
2.7 Click on the **Manage Templates** button to associate template(s) with the host. Select the required template and click on the **Add Selected** button



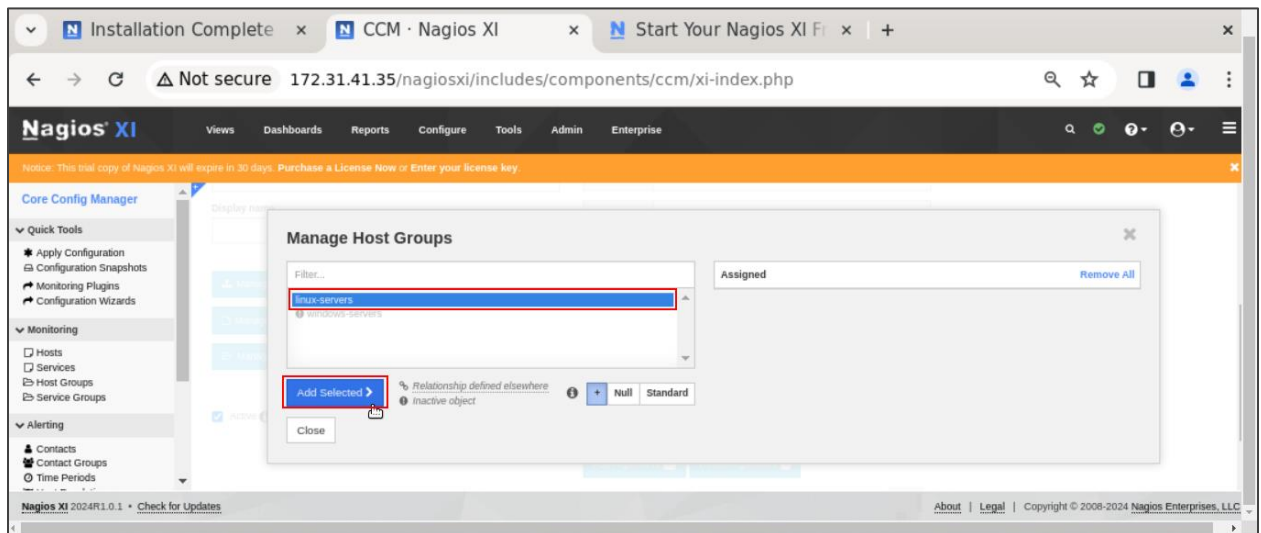
2.8 Click on the **Close** button



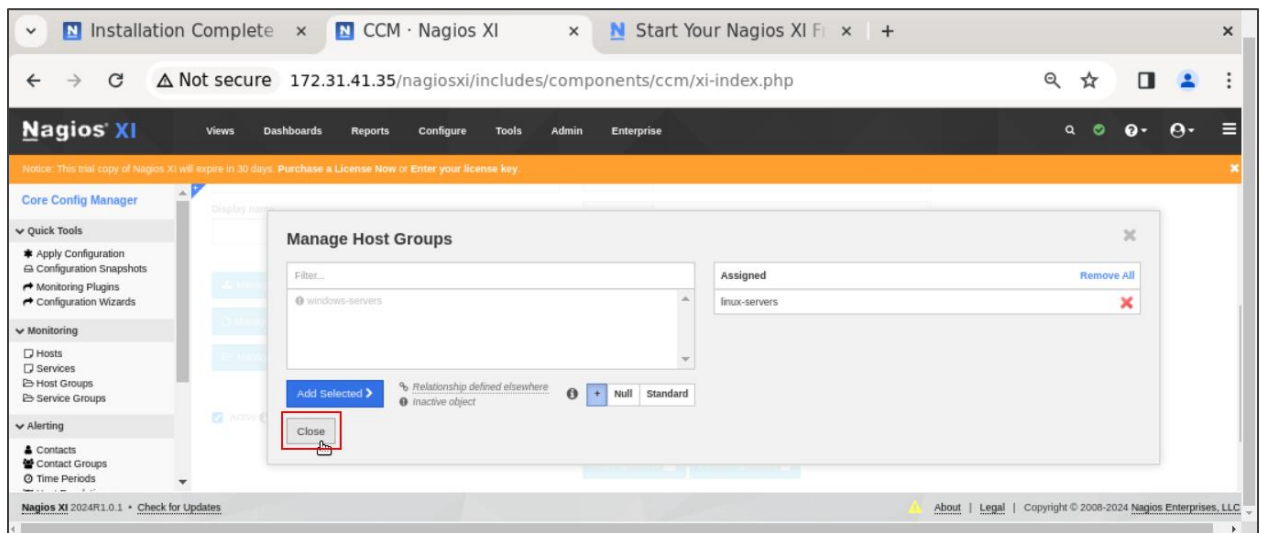
2.9 Click on the **Manage Host Groups** button to associate existing host group(s) with the host



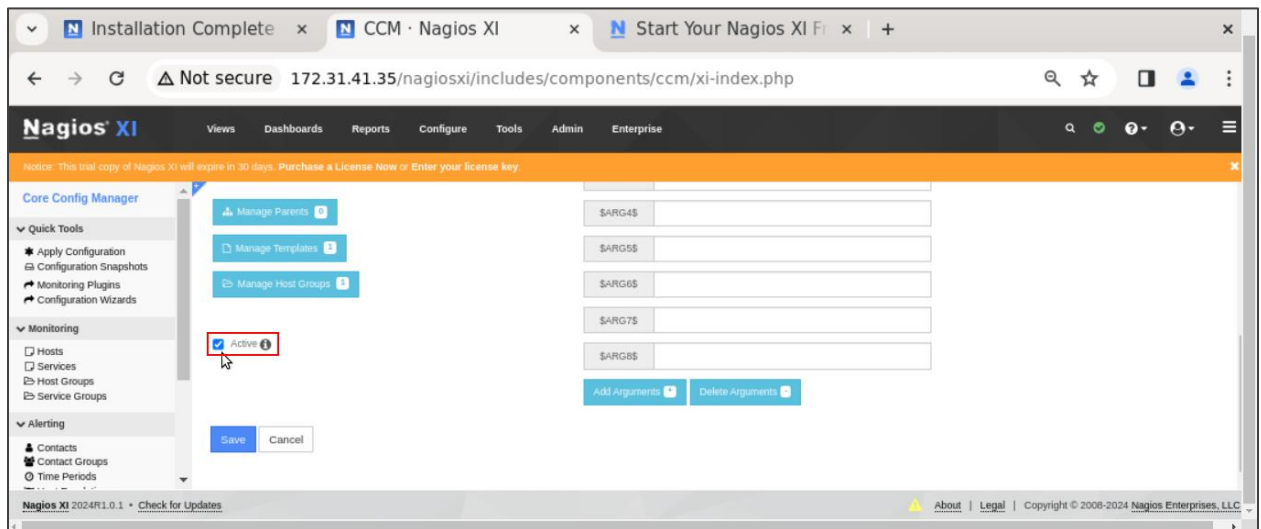
2.10 Select the required host group and click on the **Add Selected** button



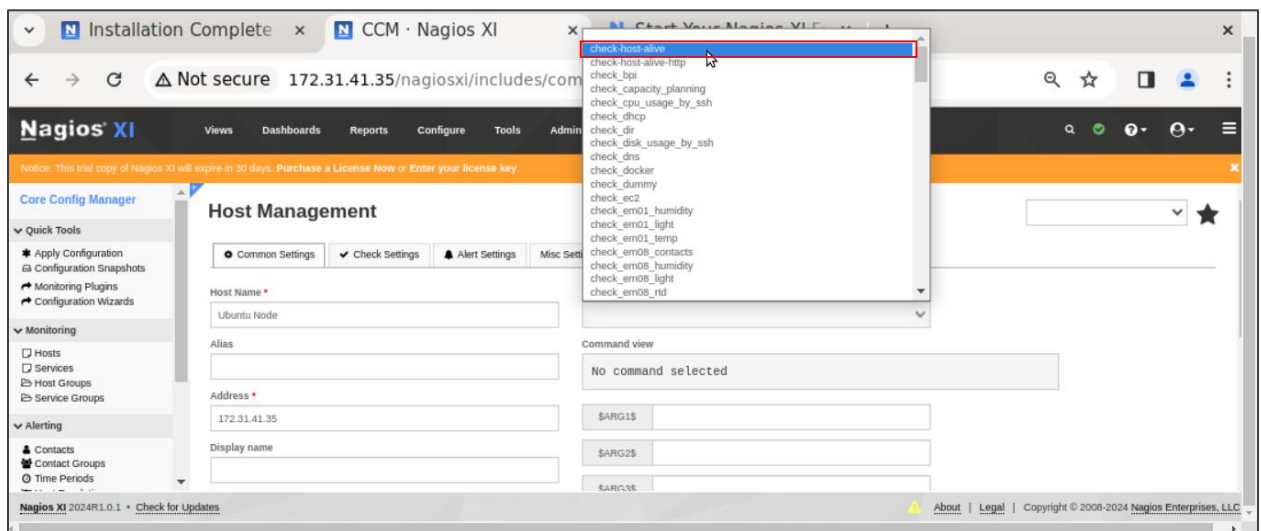
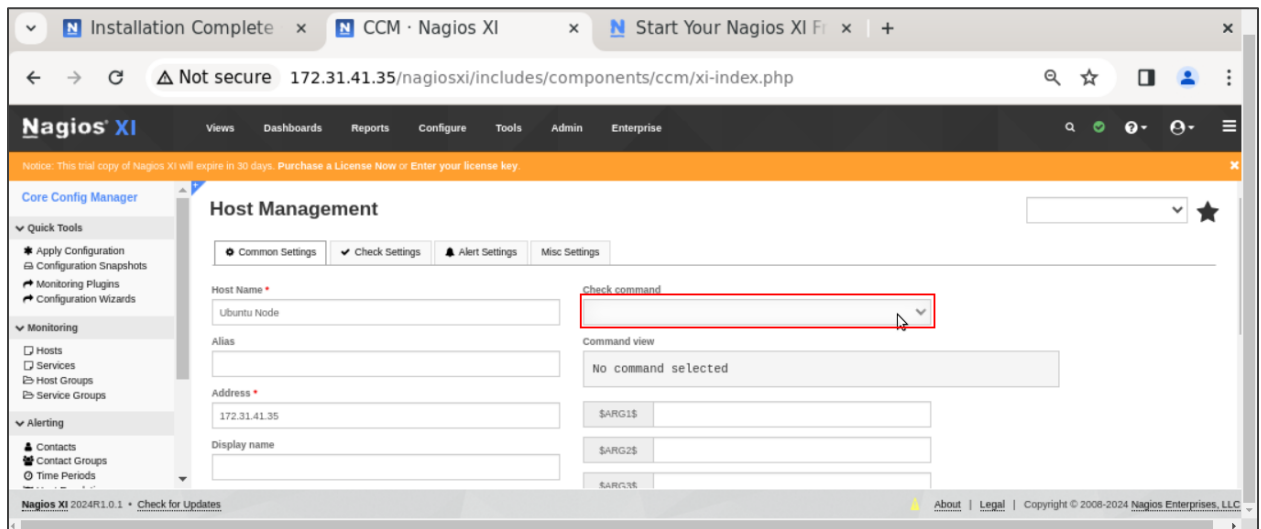
2.11 Click on the **Close** button

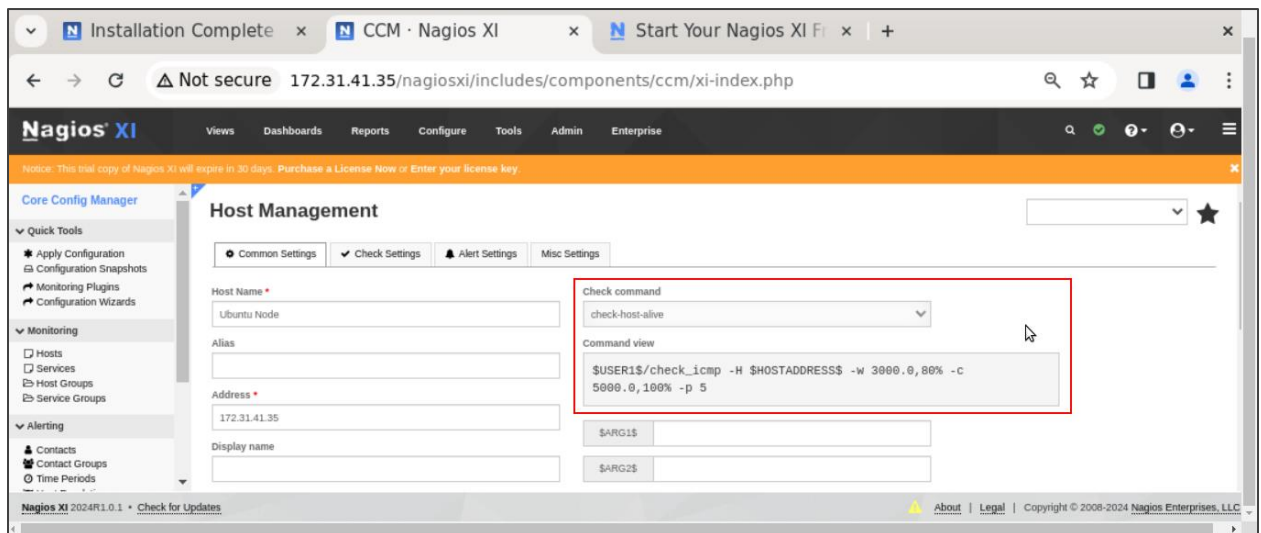


2.12 Click on the checkbox to ensure that the Host Management services are active as shown in the screenshot below:



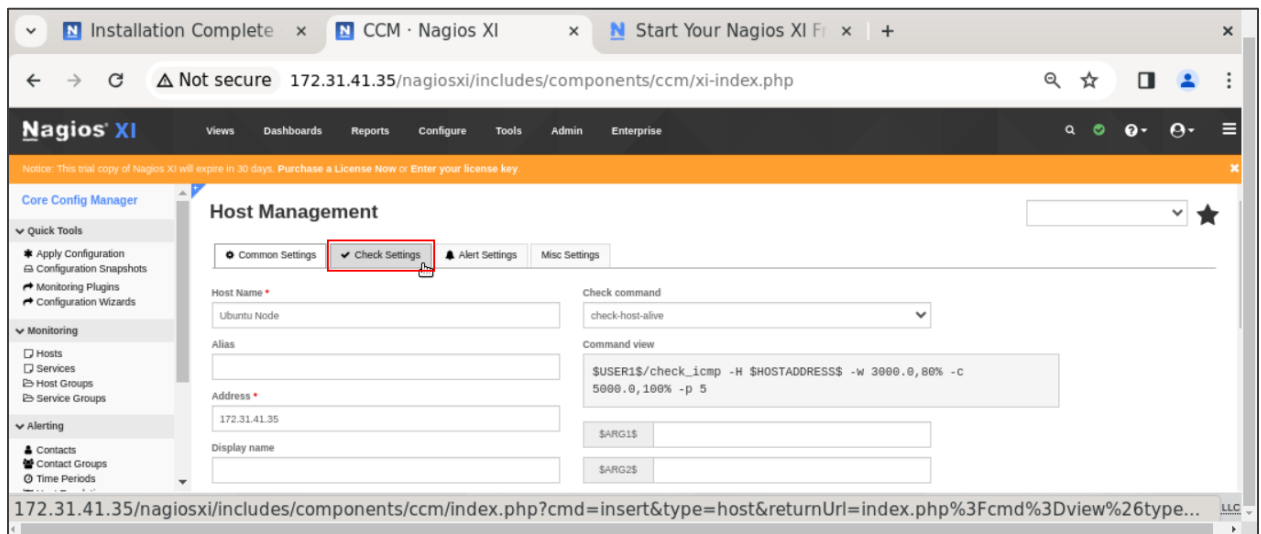
2.13 Click on the **Check command** dropdown and select the required option from the list as shown in the screenshots below:





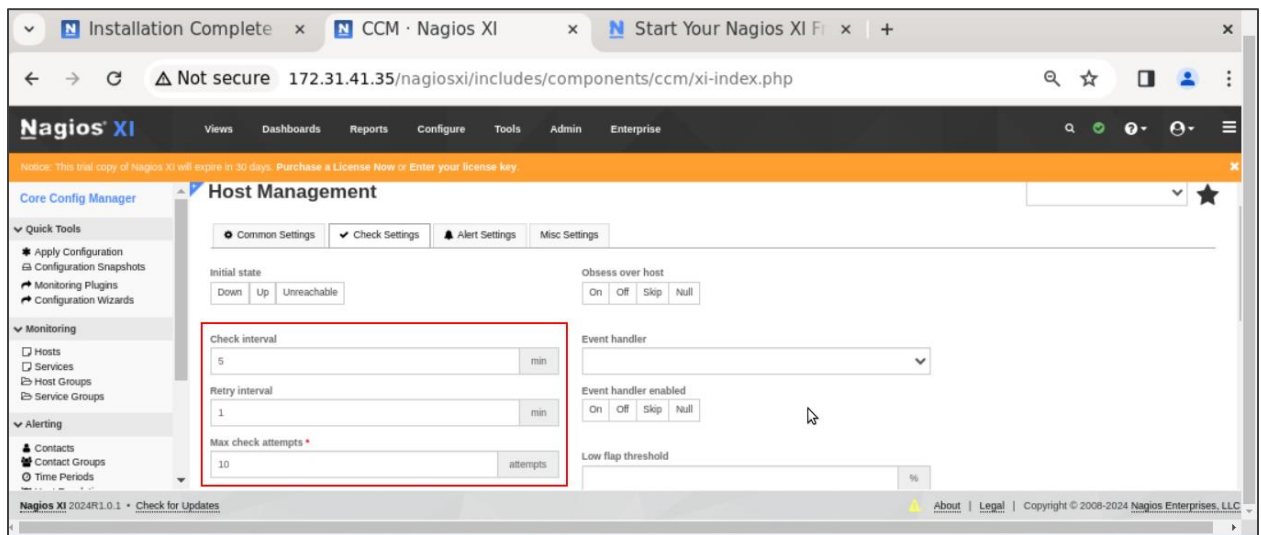
Note: To define the check command for this host, choose the appropriate command from the **Check command** dropdown list. Each command in the dropdown list corresponds to a set of Nagios Core commands and arguments displayed in the **Command view** field.

2.14 Click on the **Check Settings** tab as shown in the screenshot below:

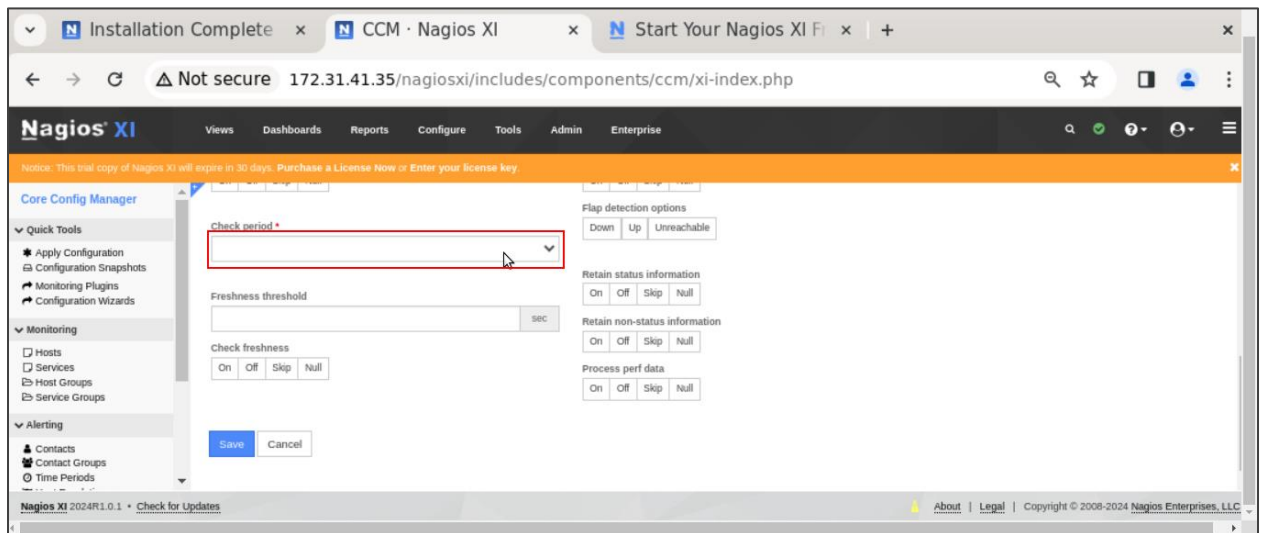


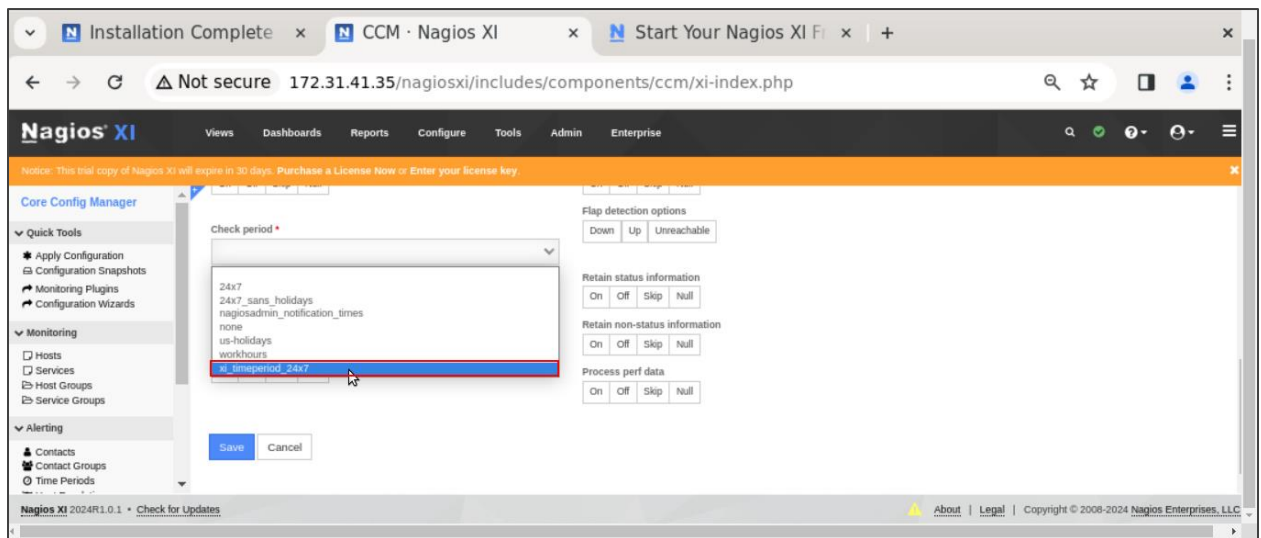
Note: The **Check Settings** tab enables you to specify the check frequency and host state settings.

2.15 Configure the settings as shown in the screenshot below:

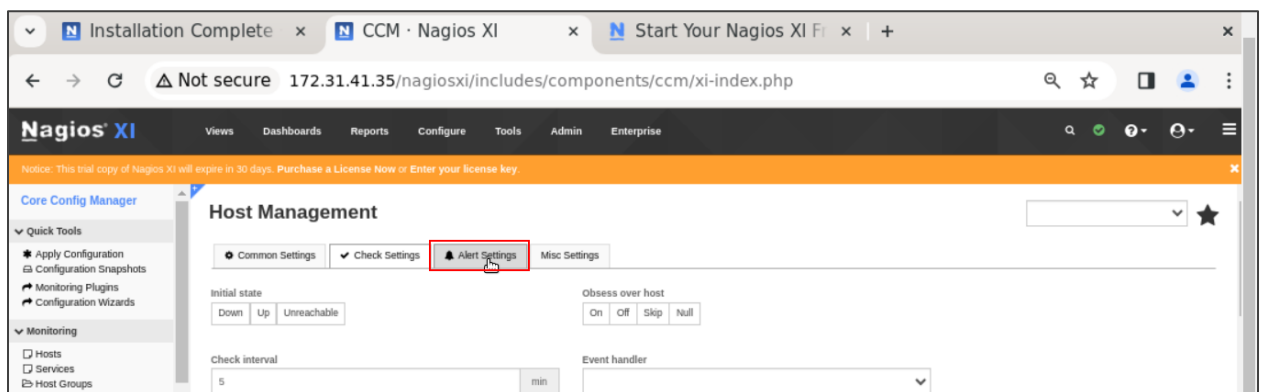


2.16 Click on the **Check period** dropdown and select the required option from the list as shown in the screenshots below:

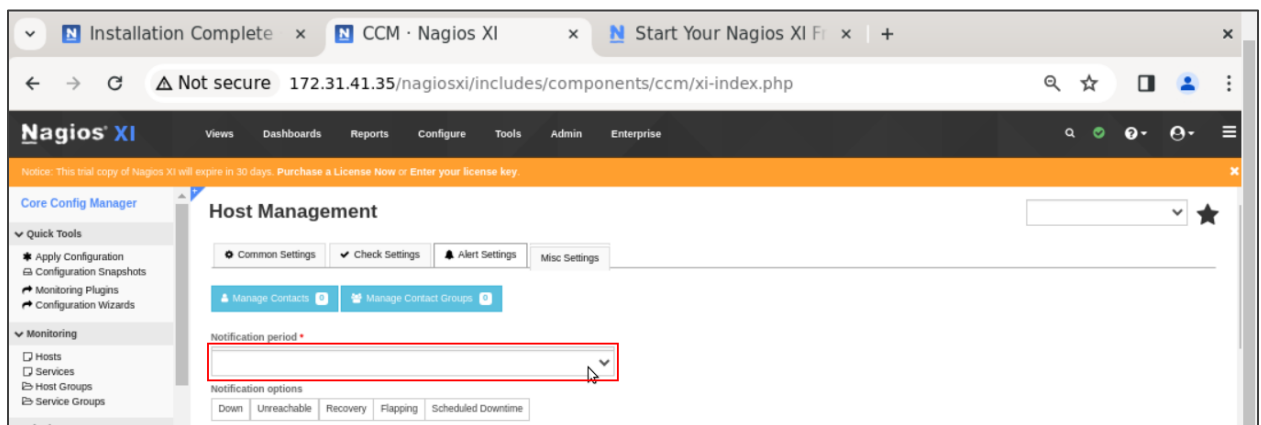


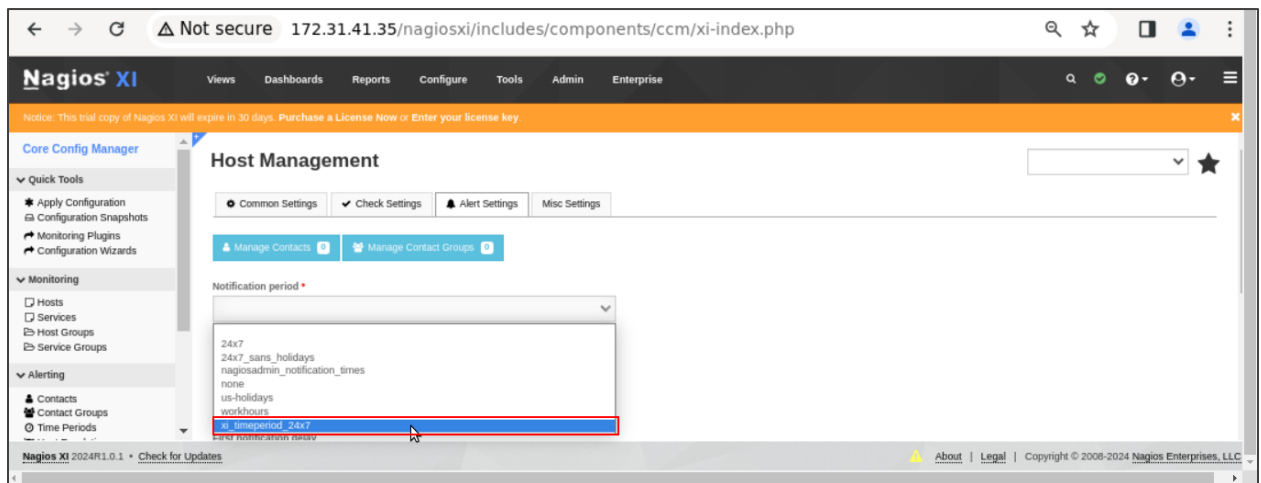


2.17 Click on the **Alert Settings** tab as shown in the screenshot below:

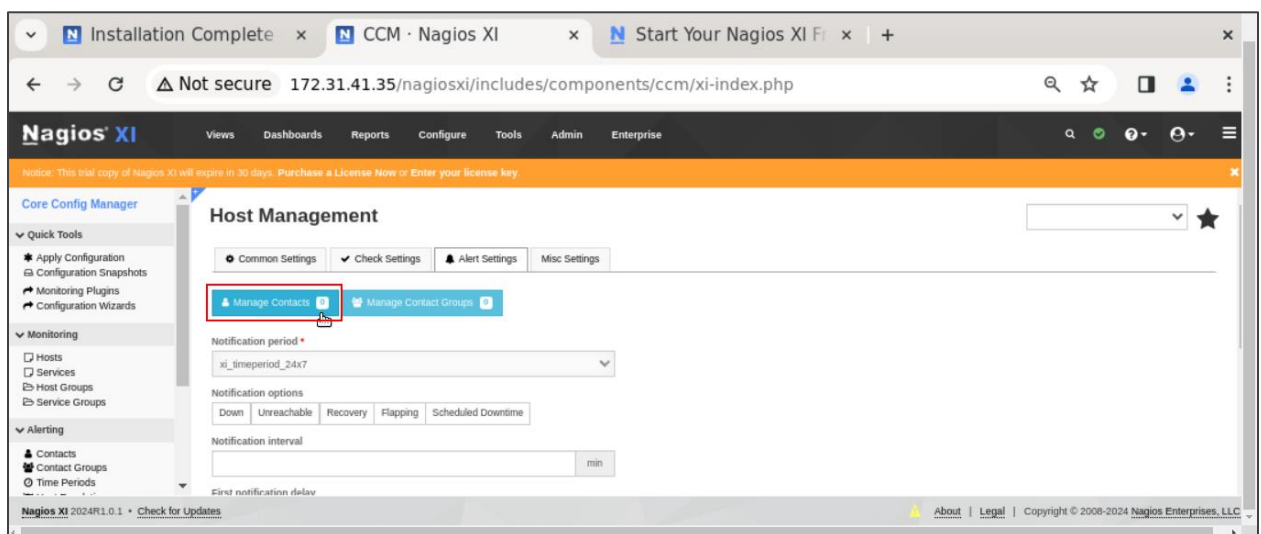


2.18 Click on the **Notification period** dropdown and select the required option from the list as shown in the screenshots below:

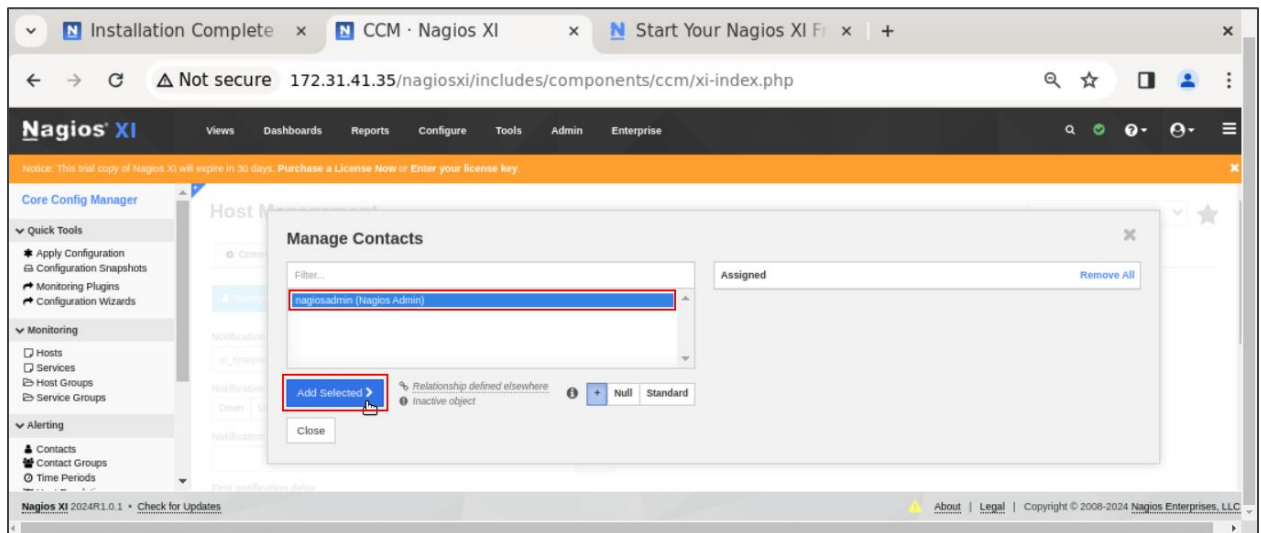




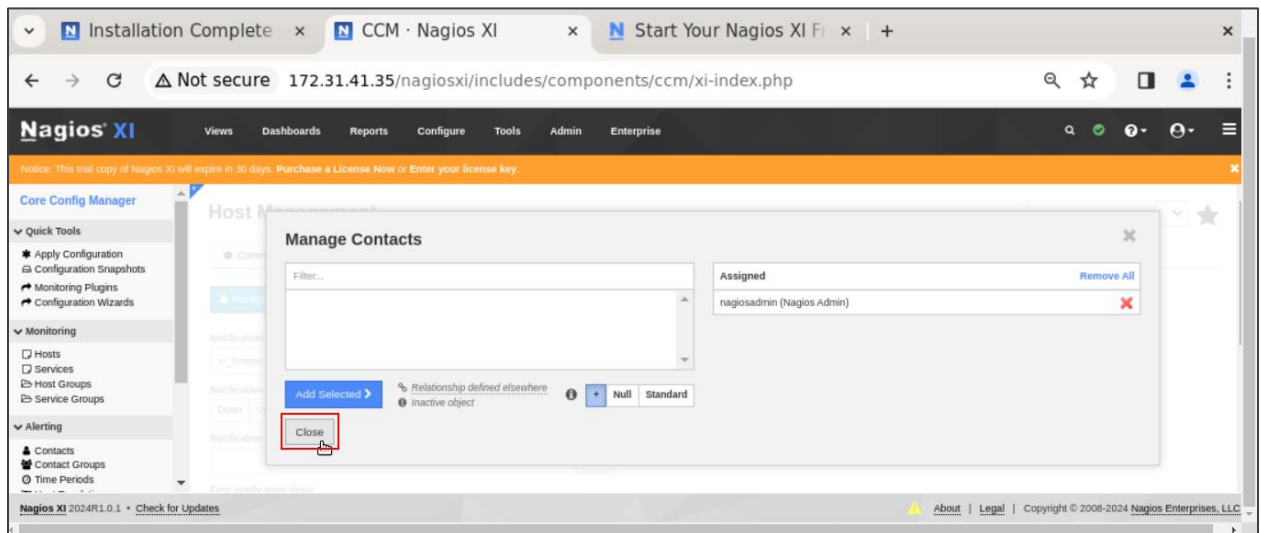
2.19 Click on the **Manage Contacts** button to add any contact that needs to be notified about the host status



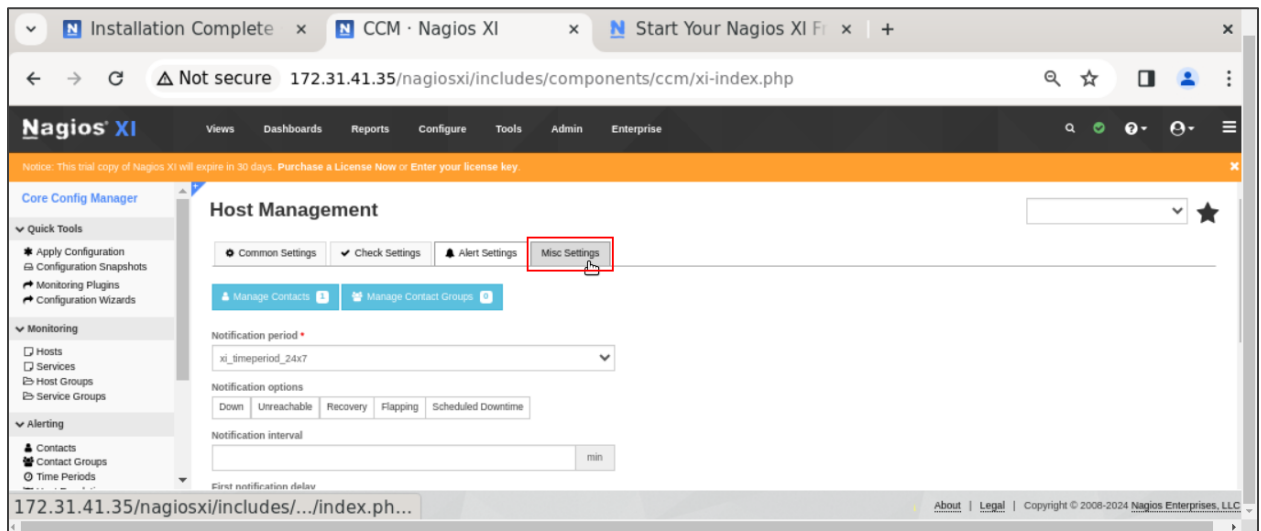
2.20 Select the required option from the list and click on the **Add Selected** button as shown in the screenshot below:



2.21 Click on the **Close** button

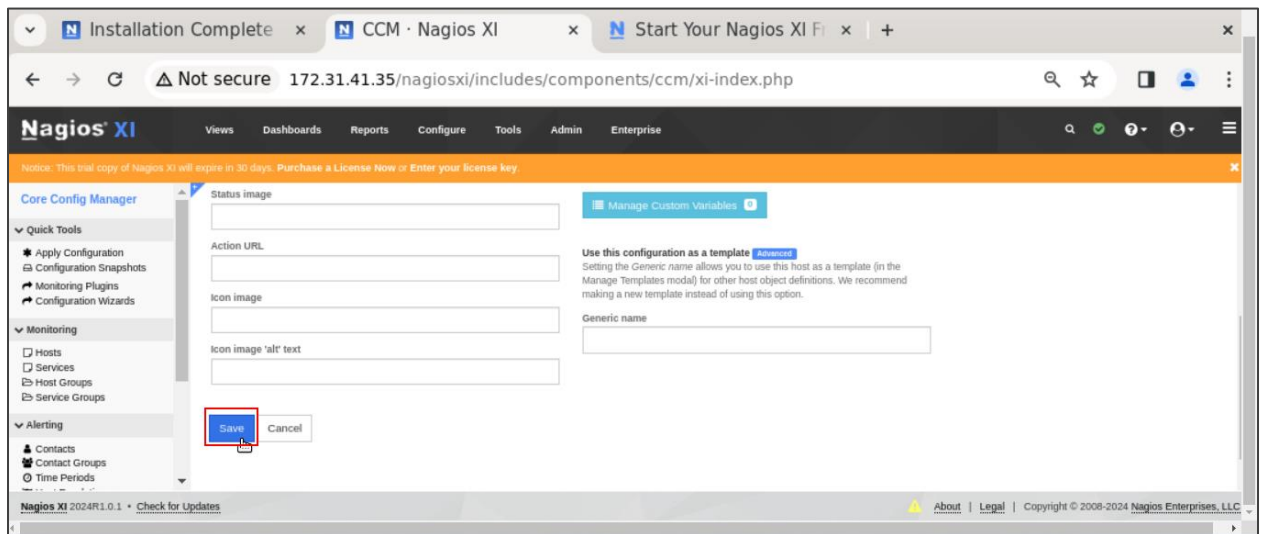


2.22 Click on the **Misc Settings** tab to define additional host information as shown in the screenshot below:

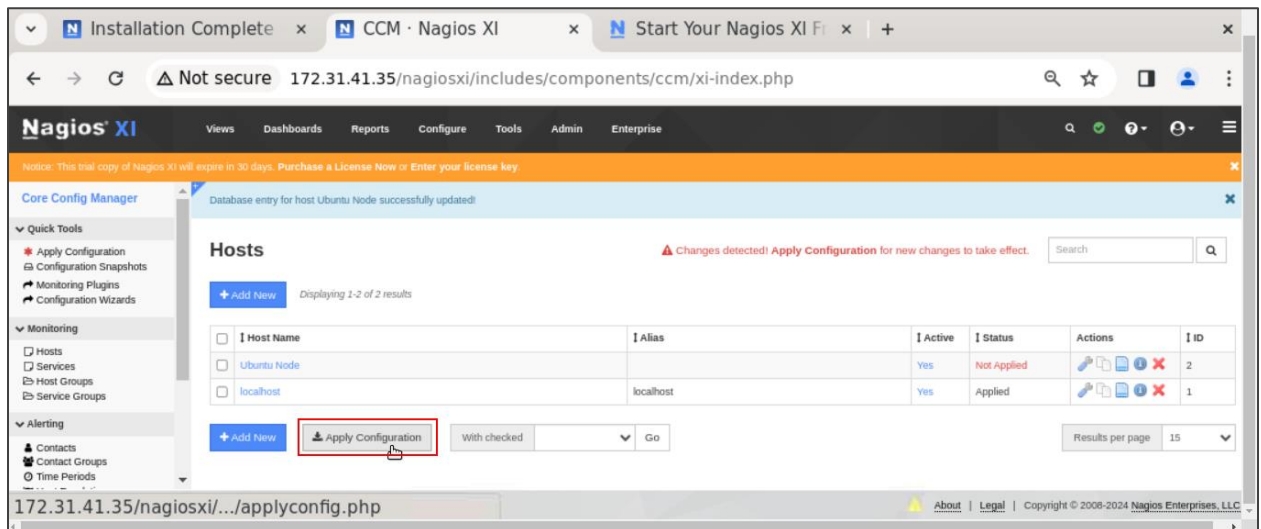


Note: The **Misc Settings** tab is used to define additional host information.

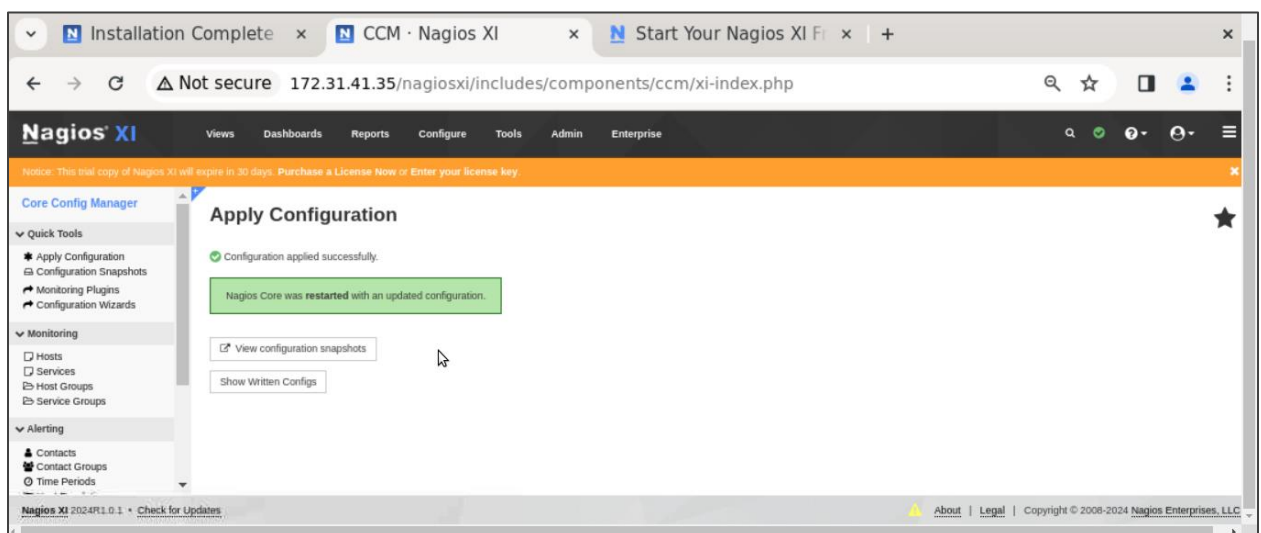
2.23 Click on the **Save** button as shown in the screenshot below:



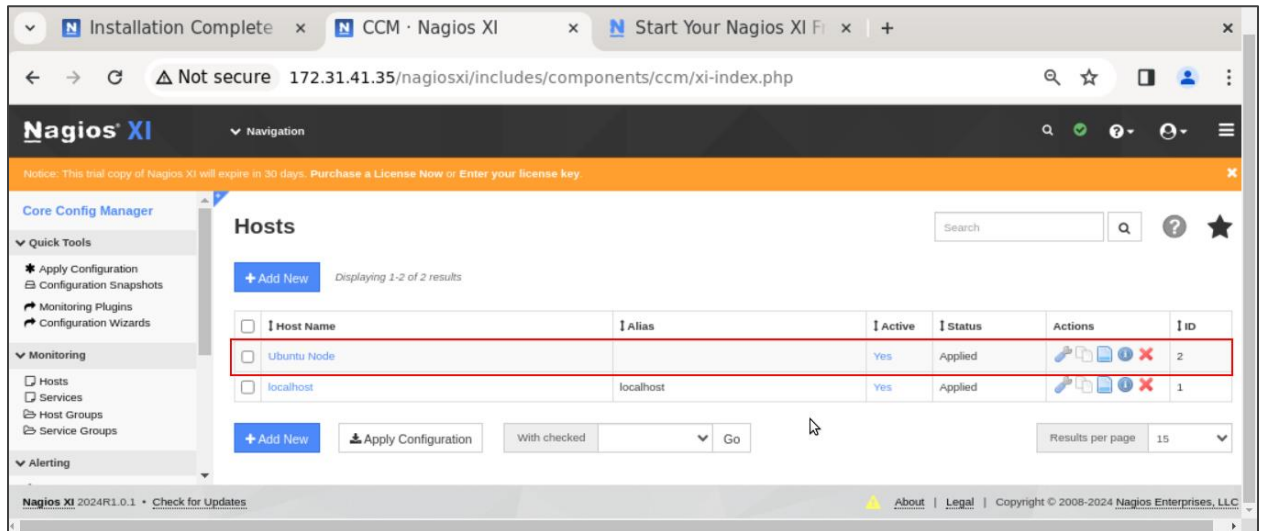
2.24 Click the **Apply Configuration** button to restart Nagios XI and implement the new settings



You can see the configuration has been applied successfully as shown in the screenshot below:



You can confirm that the host has been successfully added to the monitoring tool as shown in the screenshot below:



By following these steps, you have successfully added a host to the Nagios monitoring tool to enable efficient system management and comprehensive network oversight.