Purpose

This document describes how to How To Add Windows Disk Usage Checks In Nagios XI.

Navigating to the Core Config Manager (CCM)

There are multiple ways to access CCM:

- When hovering the **Configure** button in the left menu bar you can select **Core Config Manager**
- You can select Explore the CCM from main screen

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Page 1 of 5

Utilizing the Core Config Manager

In the left pane under Monitoring click on Services.

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This will bring you to **Service Management** view, from here you can do a number of things. For the purposes of this tutorial, we will only be using a few of the features.

In the following steps we will show you how to duplicate an existing service and modify the duplicate service, so it becomes a new disk usage check.

In this example case, our config name is **192.168.107.60** and you can see that in the screenshot above. If you had a lot of services, you could use the search functionality or use the **Config Name** drop down list.

Services Displaying 1-9 of 9 results									0 û
Config Name 192.168.107.60 ×									
+ Add New Q Search									
Config Name 🗘	Service Description $\hat{\downarrow}$	Active 0	Status 0	Action					ID ¢
192.168.107.60	CPU Usage		Applied	খ	Ø	Ð	ĵe		21
192.168.107.60	Disk Usage on C:/	Yes	Applied	ช	۵		3°	Delete	25

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Page 2 of 5

Duplicating a service is as easy as clicking the **Copy** icon (in the Actions column) for that service. In this example we will copy the **Disk Usage in C:\<service>**. After pressing the copy icon, a new service will appear. The screenshot below shows the icon and also the newly copied service. Notice the copied service has a different config name and is not active.

Config Name 🗘	Service Description 💲	Active 0	Status 🗘	Actions	ID ¢
192.168.107.60	CPU Usage		Applied	گر Copy	21
192.168.107.60	Disk Usage on C:/		Applied	4 D = 2 0	25
192.168.107.60	Ethernet 2 Bandwidth - Inbound		Applied	≪, [] [] ≥. [[]	29
192.168.107.60	Ethernet 2 Bandwidth - Outbound	Yes	Applied	a, D 🖹 24 🔟	28

The next step is to edit the service. To do that, click the Service Name *Disk Usage on C:/_copy_1* or you can click the Screwdriver/Wrench icon in the Actions column.

Service Management					ជ
${\ensuremath{\mathbb A}}$ This object is currently set as Inactive and will not be written to the confidence of the transmission of transmission of transmission of the transmission of transmission	guration files.				
Common Settings ✓ Check Settings	Misc Settings				
Config Name *	Check command				
192.168.107.60	check_xl_ncpa		\sim		
Description	Command view				
Disk Usage on C:/_copy_1	\$USER1\$/check_ncp	a.py -H \$HOSTADDRESS\$ \$ARG1\$			
Display name	\$ARG1\$ -t 'm	ytoken' -P 5693 -M 'disk/logical/C			
	\$ARG2\$				
Manage Hosts 1	\$ARG3\$				
Manage Templates	\$ARG4\$				
Manage Host Groups 0	\$ARG5\$				
Manage Service Groups 0	\$ARG6\$				
Active ①	\$ARG7\$				
	\$ARG8\$				

This brings us to the editor screen for the service. The screenshot is similar to what you should see when you first open the service along with all the items that we are going to change.

First thing you must do is rename the **Config Name** field. The **Config Name** field is simply a logical way of grouping common objects, in this case it's all the services for the host **192.168.107.60**.

Now we must change the **Service Description** field. This is for what your service will be displayed as in the main Nagios XI interface. We are still monitoring the **C** drive, but using NSClient, so just change the name to add something like **Alternate** to it.

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Page 3 of 5

Next, we have to actually change what the service does. Change the **Check command** to check_xi_service_nsclient. Change \$ARG1\$ to whatever the password/token for your host is.

We are going to leave everything the same except the disk that is monitored. We change that by changing the letter after the *-I* flag in the \$ARG3\$ field. Change the C to which drive letter you wish to monitor. In this case, we're leaving it C.

Service Management		· ۵
Common Settings V Check Settings	ngs Misc Settings	
Config Name *	Check command	
192.168.107.60	check_xi_service_nsclient ~	
Description *	Command view	
Disk Usage on C:/ Alternate	<pre>\$USER1\$/check_nt -H \$HOSTADDRESS\$ -s "\$ARG1\$" -p 12489 -v \$ARG2\$ \$ARG3\$ \$ARG4\$</pre>	
Display name	12487 -V \$HUG2\$ \$HUG3\$ \$HUG4\$	
	\$ARG1\$ welcome	
Manage Hosts 1	\$ARG2\$ USEDDISKSPACE	
Manage Templates	\$ARG3\$ -I C -w 80 -c 95	
🗁 Manage Host Groups 💿	\$ARG4\$	
Manage Service Groups 0	\$ARG5\$	
_	\$ARG6\$	
Active 🛈	\$4RG7\$	

You will also need to click the **Active** check to enable this service. Click the **Save** button when finished. Here is a screenshot showing the changed settings:

Once you click **Save** you will be returned to the services lists which should look like the following screenshot.

Services Displaying 1-10 of 10 results									
Config Name 192.168.107.60									
	on for new changes to take effect.								
+ Add New Q Search									
Config Name 🗘	Service Description û	Active 🗘	Status 🗘	Actio					
192.168.107.60	CPU Usage		Not Applied	ಲ್ಗೆ	Q	₿	ĵe	۵	21
192.168.107.60	Disk Usage on C:/		Not Applied	z	Q	₿	ĵe	Ū	25
192.168.107.60	Disk Usage on C:/ Alternate		Not Applied	খ	Q	₿	ð	Ū	31
192.168.107.60	Ethernet 2 Bandwidth - Inbound		Not Applied	ಶ	Q	₿	ĵe	Ū	29

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Page 4 of 5

You can now see the new **Drive C: Disk Usage** service in the list. You will also notice the warning at the top of the screen that says **Changes detected! Apply Configuration for new changes to take effect.** You must click **Apply Configuration** or the **Apply Configuration** button at the bottom of the screen, this saves your new config and restarts Nagios.

This completes all the steps required to use CCM to duplicate an existing service to create an additional Windows disk usage check. If you navigate back to the home screen you will be able to find the new service and check it is correctly working.

Finishing Up

This completes the documentation on How To Add Windows Disk Usage Checks 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

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Page 5 of 5