Purpose

This document describes how to monitor Microsoft Windows using the NSClient++ in Nagios XI.

Note: This config wizard is deprecated. We recommend using the <u>Windows Server or Windows</u> <u>Desktop</u> configuration wizard instead.

Overview

NSClient++ must be installed on the target Windows machine before Nagios XI can monitor system metrics, services, processes, or performance data on the target machine. If you haven't installed the NSClient++ agent on the remote machine, please, refer to our documentation on <u>installing the XI</u> <u>Windows agent</u>.

The method for communicating with NSClient++ is explained as follows:

- check_nt
 - \circ This is the most common method used
 - The NSClient++ configuration wizard uses this method
 - \circ $\;$ It provides basic functionality, cannot be customized much

NSClient++ Configuration Wizard

To use the **NSClient++** configuration wizard you need to have NSClient++ installed as per the following documentation on <u>installing the Windows Agent NSClient++ for Nagios XI</u>.

No additional configuration steps are required after following this documentation.

To begin using the wizard, navigate via the top menu bar to **Configure > Configuration Wizards** and select the desired wizard. This documentation will focus on the **NSClient++** wizard. In the following screenshot you can see how the search field allows you to quickly find a wizard.

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How To Monitor Windows Using NSClient++ in Nagios XI

Config	uration W	/izard	s - Se	elect	a Wi	zard	- (j)				
Start monitorio started.	ng your infrastructur	re in minutes	s. Configui	ration wiza	rds guide	you throug	gh the pro	cess of set	tting <mark>up yo</mark>	ur devices,	servers,
Show:	Bearch	۵	4	-	đ	()))	0	M	N	(ÎII)	
N	SClient++										
Т м (С	onitor Windows usin Deprecated)	ig the legacy	monitorir	ng agent.							

In Step 1 you will be asked to supply the address of the Windows machine running NSClient++.

Click Next to progress to step 2.

On step 2 you will configure all the options for monitoring.

To start off with make sure a valid **Host Name** has been entered.

The NSClient++ Agent section has a field for the password you provided the NSClient++ installer. If you did not use a password then you can leave this field blank.

•	5	
Host Inform	ation	
IP Address:	The IP address of the Wind	lows system you'd like to monitor.
< Back	Next >	
+ Conf	guration Wizar	d: NSClient++ - Step 2
Host Details		
1P Address:	100 M 101	
Host Names	100.01.000	
The r	ame you'd like to have associated wi	th this Windows system.
NSClient++ Age	nt	
You'll need to install	an agent on the Windows system	in order to monitor it. For security purposes, it is recommended to use a password with the agent.
This config wized configuration wize	is deprecated. We recommend indicate add.	using the Wordows Server or Wordows Desktop
1.11.12.12	32-Bit Agent	64-Bit Agent
Around Desaminade	Download v0.4.4 (32bit)	Download v0.4.4 (64bit)
Age in common		
Agent Dacaurate		

Select the server metrics you wish to monitor and adjust the thresholds as required.

The **Disk Usage** checks allow you to add the disks you wish to monitor, adjust the thresholds as required.

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With the Services checks, select any of the predefined services in the list or add your own.

With the Processes checks, select any of the predefined services in the list or add your own.

Spec	ify any services that sh	hould be monitored to ensure the	/'re in a running state
	Windows Service	Display Name	
	W3SVC	IIS Web Server	
	MSSQLSERVER	SQL Server	
1	usbredirectorsrv	USB Redirector Service	
Add Proc	Row Delete Row		
Proc	Row Delete Row resses ify any processes that Windows Process	should be monitored to ensure th Display Name	ey're running.
Add Proc Spec	Row Delete Row eesses ify any processes that Windows Process explorer.exe	should be monitored to ensure th Display Name Explorer	ey're running.
Add Proc Spec	Row Delete Row cesses ify any processes that Windows Process explorer.exe	should be monitored to ensure th Display Name Explorer	ey're running.
Add Proc Spec	Row Delete Row cesses ify any processes that Windows Process explorer.exe	should be monitored to ensure th Display Name Explorer	ey're running.

With the Performance Counter checks, select any of the predefined counters in the list or add your own.

	Performance Counter	Display Name	Counter Output Format	Warning	Critica
	\\Paging File(_Total)\\% Usage	Page File Usage	Paging File usage is %.2f %%	70	90
~	\\Server\\Errors Logon	Logon Errors	Login Errors since last reboot is ^c	2	20
	\\Server Work Queues(0)\\Queu	Server Work Queues	Current work queue (an indicatio	4	7

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Copyright © 2025 Nagios Enterprises, LLC. All rights reserved. Trademarks are the property of their respective owner. Once you've finished selecting all the items you wish to monitor click **Next** and then complete the wizard by choosing the required options in Step 3 - Step 5.

To finish up, click on **Finish** in the final step of the wizard. This will create new hosts and services and begin monitoring. Once the wizard applies the configuration, click the **View status details** for **<your host>** link to see the new host and services that were created.

🌡 Host	Service	🕽 Status	Duration	1 Attempt	1 Last Check	\$ Status Information		
10.25.11.2 🕡 🗋 🚧	CPU Usage 😽	Ok	3m 58s	1/5	2017-10-12 14:01:56	CPU Load 5% (5 min average)		
	Drive C: Disk Usage 🚧	Ok	3m 40s	1/5	2017-10-12 14:02:14	C:\- total: 465.27 Gb - used: 19.02 Gb (4%) - free 446.26 Gb (96%)		
	Explorer	Ok	8m 20s	1/5	2017-10-12 14:02:37	explorer.exe: Running		
	Logon Errors	Ok	7m 40s	1/5	2017-10-12 14:03:14	Login Errors since last reboot is 0		
	Memory Usage	Ok	7m 12s	1/5	2017-10-12 14:03:42	Memory usage: total:9361.05 MB - used: 1811.79 MB (19%) - free: 7549.26 MB (81%		
	Ping 🕫	Ok	15m 45s	1/5	2017-10-12 14:05:08	OK - 10.25.11.2: rta 0.444ms, lost 0%		
	Uptime 💅	Ok	6m 3s	1/5	2017-10-12 14:04:51	System Uptime - 192 day(s) 16 hour(s) 16 minute(s)		
	USB Redirector Service	Ok	6m 14s	1/5	2017-10-12 14:04:40	usbredirectorsrv; Started		

This completes using the **NSClient++** wizard.

Finishing Up

This completes the documentation on how to monitor Microsoft Windows using the NSClient++ 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

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