Installing Nagios Network Analyzer with Microsoft Hyper-V

This document is intended to outline the steps required to install Nagios Network Analyzer within Microsoft Hyper-V.

Still need installation help? We will do it for free.

Schedule a free help session with one of our support techs or contact sales by emailing us at <u>sales@nagios.com</u>.

Installation Steps

- 1. Navigate to our Nagios Network Analyzer Product Download page here.
- 2. Under the Microsoft tab, Click Download Now in the Hyper-V section.

🖸 VMware 📕 Microsoft 🐧 Linux		
Microsoft		
Note: Nagios Network Analyzer will not install natively on Windows; howeve installed OVA/VHD file for quickly installing Network Analyzer. Maintenance responsibility of the customer. Our OVA/VHD packages are not intended for	r, you can use our prepackaged VM and install in VMware and support of underlying operating system or virtual mac offline environments.	or Hyper-V. We offer this pre- chine architecture are the sole
Open Virtualization Format 64-bit.	ova Hyper-V	64-bit.vhd
This is the quickest way to get started using Naglos Network Analyzer. Works with VMware, VirtualBox, and anything that ca use OVF. Download Now View Installation Guide	n Download Works within Hyper-V.	de

3. Open your setting and look for Turn Windows features on or off.



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4. Ensure the Hyper-V box is check, then click **OK**.



5. **Right click** on the zip file you downloaded in **Step 2**, and **Extract All**.

Change the location if desired otherwise click ok for the default.



- 6. Open Hyper-V.
- 7. Click on Action > New > Virtual Machine.



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8. You are now given the virtual machine setup wizard. Feel free to name the virtual machine whatever you like.

New Virtual Machine Wiz	ard	×
Specify Nar 🔤	ne and Location	
Before You Begin Specify Name and Location Specify Generation Assign Memory Configure Networking Connect Virtual Hard Disk	Choose a name and location for this virtual machine. The name is displayed in Hyper-V Manager. We recommend that you use a name that helps you ea identify this virtual machine, such as the name of the guest operating system or workload. Name: nagios-network-analyzer You can create a folder or use an existing folder to store the virtual machine. If you don't select a folder, the virtual machine is stored in the default folder configured for this server. Store the virtual machine in a different location	asily
Summary	Location: C: ProgramData Wicrosoft (Windows (Hyper-V) Browse If you plan to take checkpoints of this virtual machine, select a location that has enough free space. Checkpoints include virtual machine data and may require a large amount of space.	
	< Previous Next > Finish Cance	el

9. Specify the generation you prefer.



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- 10. Next is assigning memory. That is dependent on your workload. (A minimum of 2 GB of RAM is required, however **we recommend using 8 GB**).
- 11. The next step is setting up the networking, if you haven't changed the setting select the "default switch" otherwise choose whatever one you prefer.

Before You Begin Specify Name and Location	Each new virt virtual switch	tual machine includ , or it can remain d	es a network adapter isconnected.	r. You can configu	re the network ad	lapter to use a
Specify Generation	Connection:	Default Switch				\sim
Assian Memory		Not Connected				
Configure Networking		Default Switch				
Connect Virtual Hard Dick	•					
Tastallation Options						
Installation Options						
Summary						
			< Previous	Next >	Finish	Cancel

12. Now you need to select Use an existing virtual hard disk.



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13. Click **browse** and find the folder you extracted in **Step 5**, browse into the folder and select the **Hard Disk Image File**, Click **Open**

🖳 Open				Х
← → × ↑ 🔒 « nagi	osna-2024R1.0.3-virtualpc-64 → nagiosna-64	✓ Ö Sear	ch nagiosna-64	Q
Organize 🔻 New folder			8== ▼ (
🖀 Microsoft Manage ^	Name	Date modified	Туре	Size
 OneDrive 	🕳 nagiosna-64	11/11/2024 12:09 PM	Hard Disk Image File	a 3,720,158
💻 This PC				
3D Objects				
Desktop				
Documents				
🖶 Downloads				
Music				
E Pictures				
Videos				
🟪 OS (C:)				
× *				`
File nar	ne: nagiosna-64	~ Virt	ual hard disk files	\sim
			Open Ca	ncel

- 14. With the VHD selected you can now click **Finish** to complete the setup wizard
- 15. You should now see what you named the virtual machine in Hyper-V, click Connect.

/irtual Machines						
Name	State	CPU Usage	Assigned Memory	Uptime	Status	Configurati
agios network-analyzer	01					9.0
Charlessints						
checkpoints						
					The selected virtual ma	chine has no checkpoints.
1						

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16. Another window should pop up, click "Start" to get the virtual machine running



17. Once the machine fully powers on the welcome banner will have your IP address, the username for the Linux virtual machine and the password used to login to the machine.



18. Enter the URL given in the banner into the browser of your choice.

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19. You will then be greeted with the Final Installation Steps screen, here you can:

- Enter a license key if you have one
- Configure the username and password for the interface
- Set your email address
- Set the language
- Set the system timezone

	N	
Log in to N	lagios Network Analyzer	
	nagiosadmin	
	Login	

- 20. If you haven't already please ensure that you have your password saved in some location, ideally a password manager. Once you have the password saved click **Finish Installation**. IMPORTANT: The Nagios Support Team will be unable to retrieve your password if lost.
- 21. You will now be able to login.

Final Installation Steps Almost done! Update the license and configure the admin account.									
License Setup Choose a trial license, enter your key, or get a license now.	Free License Key:	30 Day Trial 🔿 I already have a key							
Admin Account Setup Choese or enter your admin profile and account settings. The default username is nagiosadmin, which you can change.	Username:" Password:" Confirm Password:" Email Address:" Language: System Timezone:	naglosadnin 	`						
	Linar Audress. Language: System Timezone:	Tegragus Com Default v (UTC-06:00) Chicago	• Finish Inst						

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Nagios' Network Analyzer'												
Dashboard Sources	Source Groups	Views Rep	orts Queries	Alerting	Route	Search	for Query			Help	Administra	tion Log Out
Dashboard												
Pinned Sources (View All)												✓ Close
Status Source Name							Traffic last 30 minu	tes	Disk Usage	Data Lifetim	ie	Flow Type
Ø fprober						o			19M	12 Hours		NetFlow
Alert Summary + All (0) Check Name No entries	+ Ok (0) + V	Warning (0) 🔸	Critical (0) Status			Che	ck Message					✓ Close
Abnormal Behavior	ll (1) ♦ Ok (1)	• Critical (0)										✔ Close
Source	08:00	08:05	08:10	08:15	08:20	08:	25 08:30	08:	35 08:40	08:45	08:50	08:55
fprober												
Nagios Network Analyzer 2024	R2.1 • Check for	updates 🔁							About Legal	Copyright © 2	2013-2025 Na	gios Enterprises, LLC

Finishing Up

Nagios Network Analyzer will now be installed on your system, ready to start collecting flow data.

Please refer to the <u>Nagios Network Analyzer Administrator Guide</u> which will help get you started using Nagios Network Analyzer.

Still need installation help? We'll do it for free.

Schedule a free Quickstart session with our support team or contact sales at sales@nagios.com.

Visit Nagios Support Forum

Visit Nagios Knowledge Base

Schedule a Quickstart

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