

# How To Install Nagios Fusion Using Hyper-V

## Purpose

This document describes how to install the latest version of Nagios Fusion using the readymade VHD on Hyper-V.

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](mailto:sales@nagios.com).

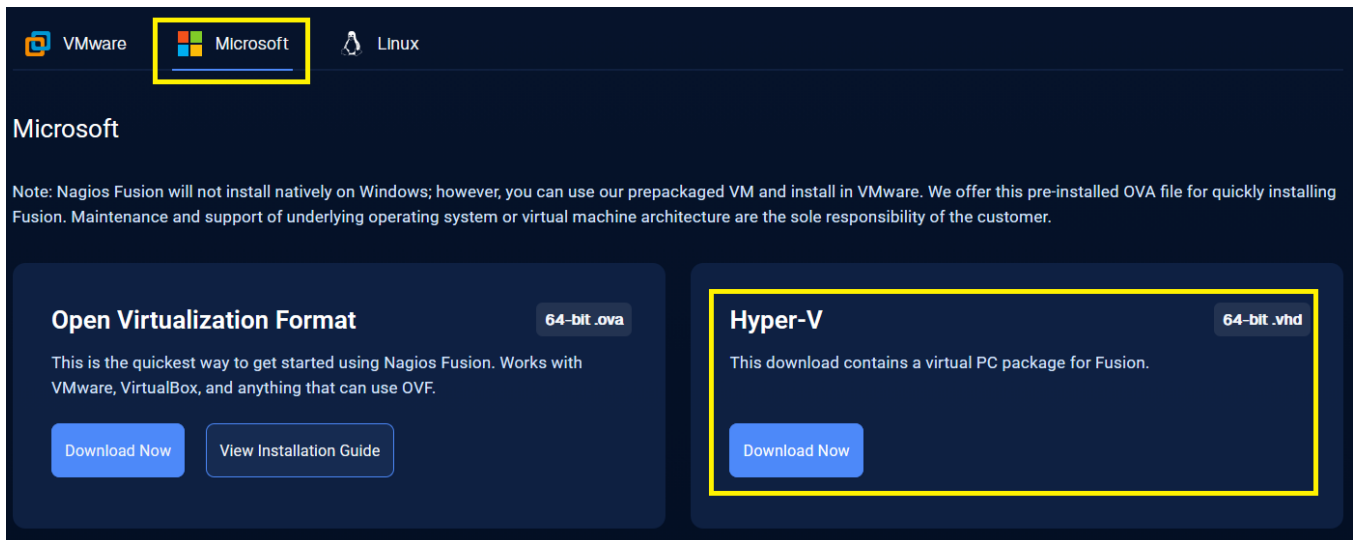
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## Installing Nagios Fusion with Hyper-V

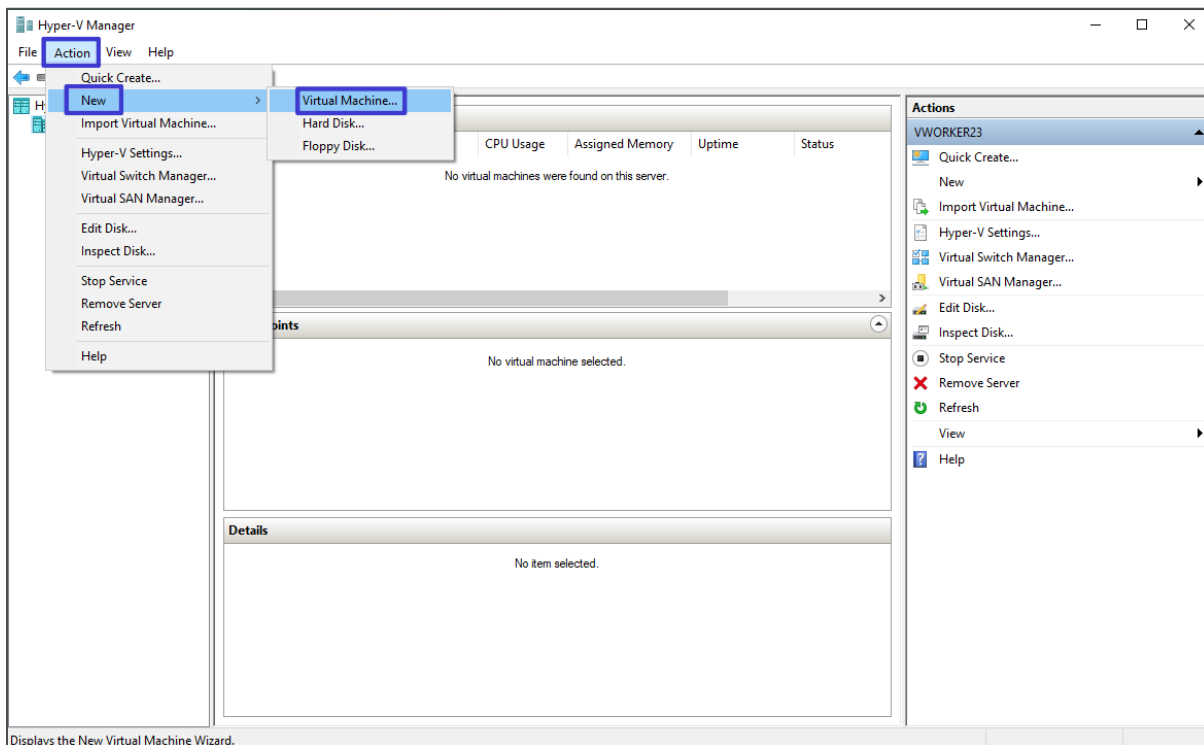
1. Navigate to the [Nagios XI Download page](#). Select the **Microsoft** tab and under **Hyper-V**, click **Download Now**.



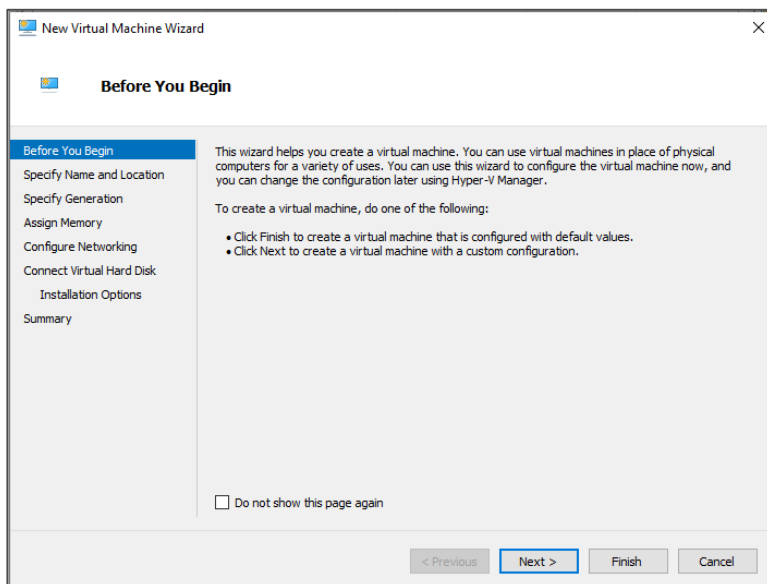
2. Extract the contents of the downloaded .zip file.

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3. Open Hyper-V Manager. Click **Action** in the top-left corner. Hover over **New** and select **Virtual Machine**.

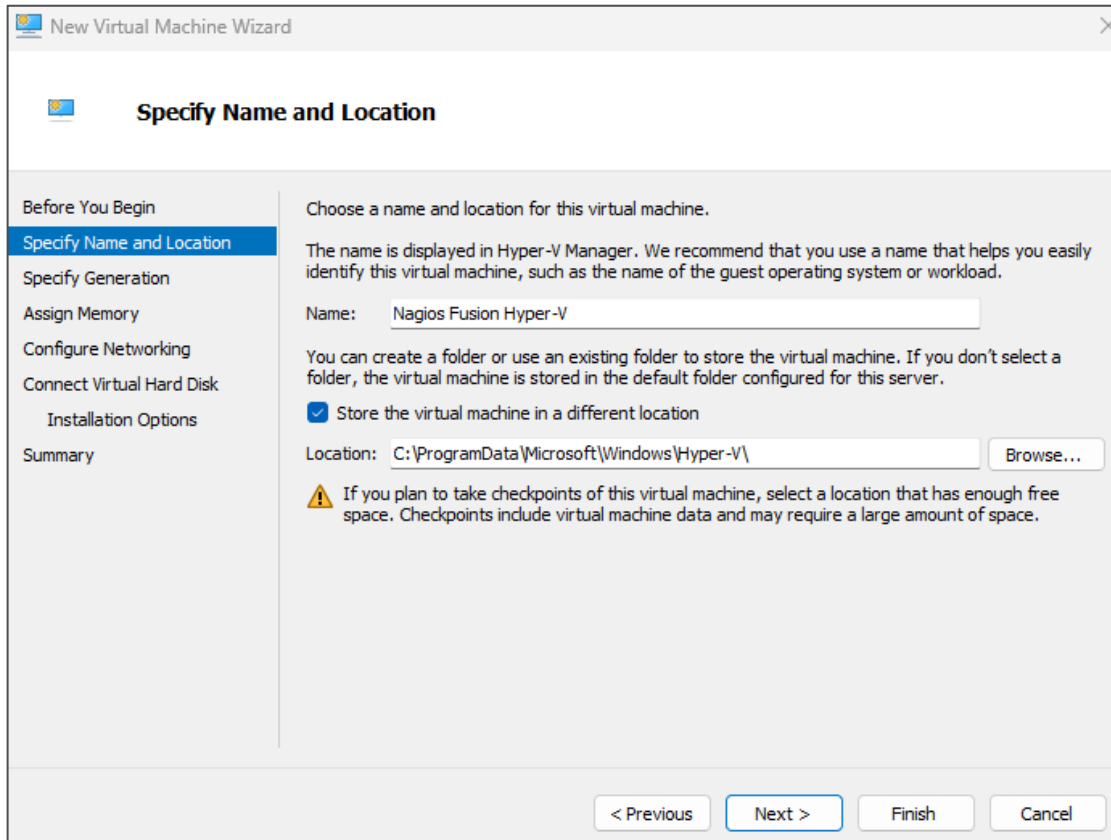


4. Click **Next** through the **Before You Begin** page.

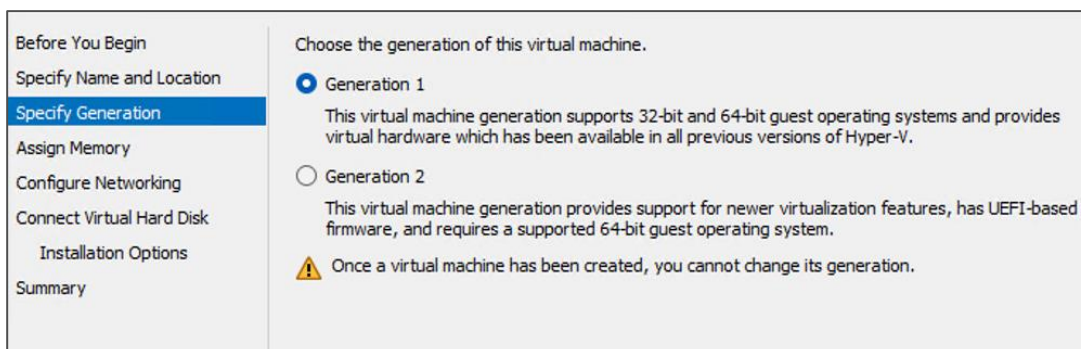


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5. Name your Virtual Machine, such as Nagios Fusion Hyper-V. You can also change the storage location if needed.

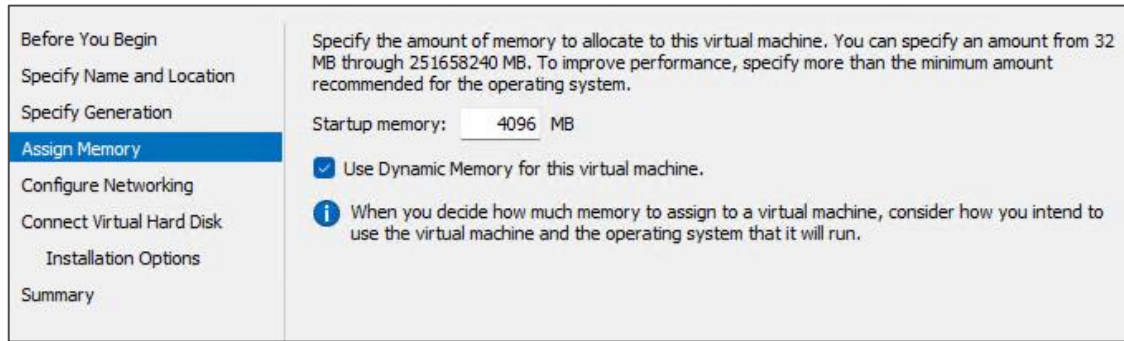


6. Select which generation you would like:
  - a. **Generation 1:** Supports both 32-bit and 64-bit systems (Recommended).
  - b. **Generation 2:** Only supports 64-bit systems.



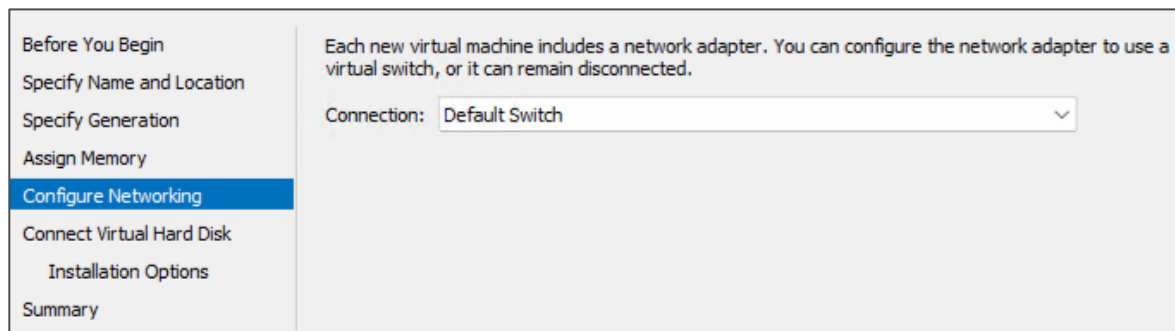
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7. In the **Assign Memory** tab, the default is 1024 MB, but we recommend at least **4096 MB** (4 GB) for better performance.



The screenshot shows the 'Assign Memory' configuration tab. On the left is a navigation menu with the following items: 'Before You Begin', 'Specify Name and Location', 'Specify Generation', 'Assign Memory' (highlighted in blue), 'Configure Networking', 'Connect Virtual Hard Disk', 'Installation Options', and 'Summary'. The main content area contains the following text: 'Specify the amount of memory to allocate to this virtual machine. You can specify an amount from 32 MB through 251658240 MB. To improve performance, specify more than the minimum amount recommended for the operating system.' Below this is a 'Startup memory:' label followed by a text input field containing '4096' and the unit 'MB'. There is a checked checkbox for 'Use Dynamic Memory for this virtual machine.' and an information icon with the text: 'When you decide how much memory to assign to a virtual machine, consider how you intend to use the virtual machine and the operating system that it will run.'

8. In the **Configure Networking** tab, select the **Default Switch** (or another appropriate network connection).



The screenshot shows the 'Configure Networking' configuration tab. On the left is a navigation menu with the following items: 'Before You Begin', 'Specify Name and Location', 'Specify Generation', 'Assign Memory', 'Configure Networking' (highlighted in blue), 'Connect Virtual Hard Disk', 'Installation Options', and 'Summary'. The main content area contains the following text: 'Each new virtual machine includes a network adapter. You can configure the network adapter to use a virtual switch, or it can remain disconnected.' Below this is a 'Connection:' label followed by a dropdown menu showing 'Default Switch'.

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- To configure the Nagios Fusion virtual hard disk, choose **Use an existing virtual hard disk**. Click **Browse** and select the VHD file from the downloaded Nagios Fusion ZIP package, then click **Open** and then **Next**.

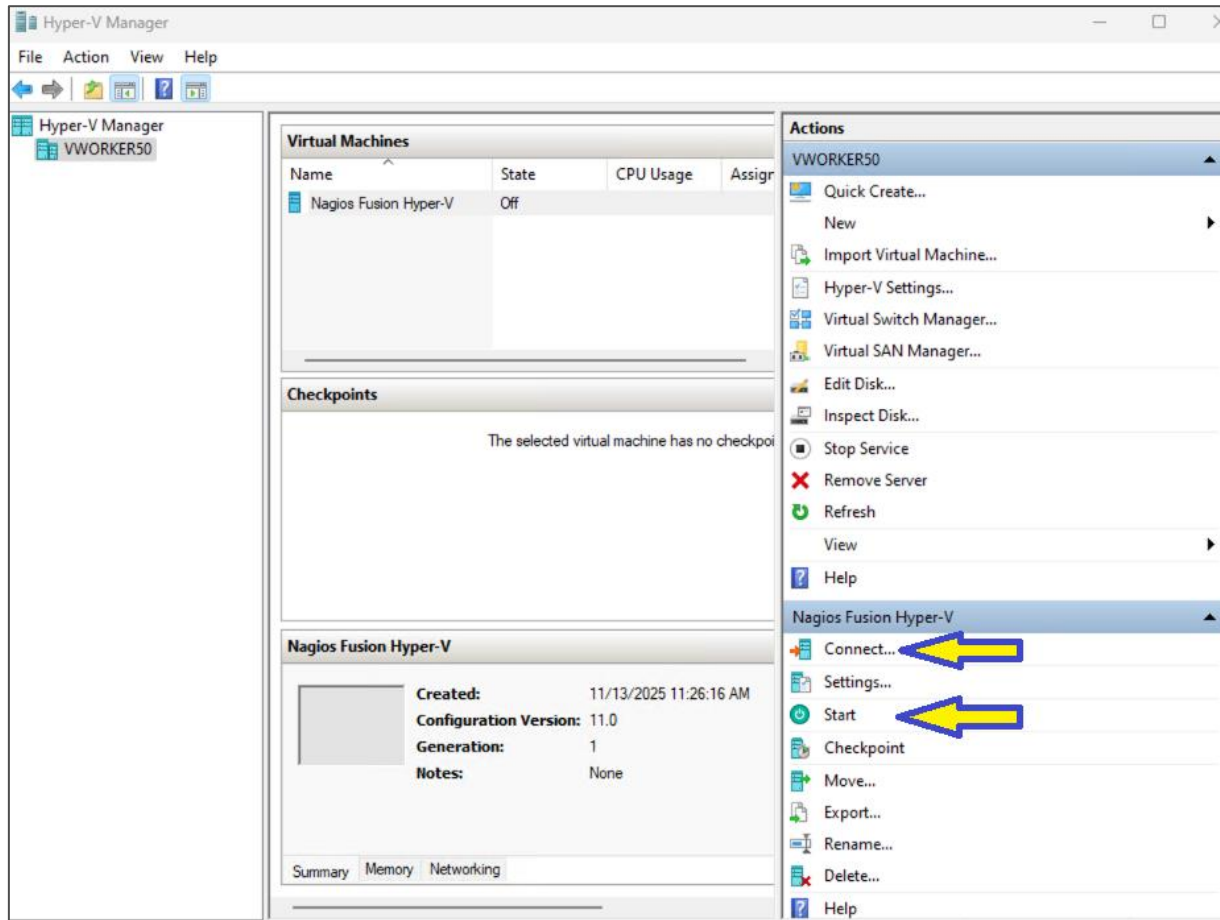
The screenshot shows the 'Connect Virtual Hard Disk' step of the Hyper-V wizard. The left sidebar lists steps: 'Before You Begin', 'Specify Name and Location', 'Specify Generation', 'Assign Memory', 'Configure Networking', 'Connect Virtual Hard Disk' (highlighted), and 'Summary'. The main area contains instructions: 'A virtual machine requires storage so that you can install an operating system. You can specify the storage now or configure it later by modifying the virtual machine's properties.' There are three radio button options: 'Create a virtual hard disk' (unselected), 'Use an existing virtual hard disk' (selected), and 'Attach a virtual hard disk later' (unselected). Under 'Use an existing virtual hard disk', the 'Location' field is populated with 'I:\nagiosfusion-2024R2.1-virtualpc-64\nagiosfs-64\nagiosfs-64.vhd' and a 'Browse...' button is visible. The 'Size' field is set to '127 GB (Maximum: 64 TB)'.

- Click **Finish** to complete the setup wizard.

The screenshot shows the 'Completing the New Virtual Machine Wizard' dialog box. The title bar reads 'New Virtual Machine Wizard'. The main heading is 'Completing the New Virtual Machine Wizard'. The left sidebar lists steps: 'Before You Begin', 'Specify Name and Location', 'Specify Generation', 'Assign Memory', 'Configure Networking', 'Connect Virtual Hard Disk', and 'Summary' (highlighted). The main area contains the text: 'You have successfully completed the New Virtual Machine Wizard. You are about to create the following virtual machine.' Below this is a 'Description:' section with a text box containing: 'Name: Nagios XI Hyper-V', 'Generation: Generation 1', 'Memory: 2048 MB', 'Network: Default Switch', and 'Hard Disk: C:\Users\vworke\Downloads\nagiosxi-64.vhd (VHD, dynamically expanding)'. At the bottom, there is a message: 'To create the virtual machine and close the wizard, click Finish.' At the bottom right, there are four buttons: '< Previous', 'Next >', 'Finish' (highlighted with a blue border and a purple arrow pointing to it), and 'Cancel'.

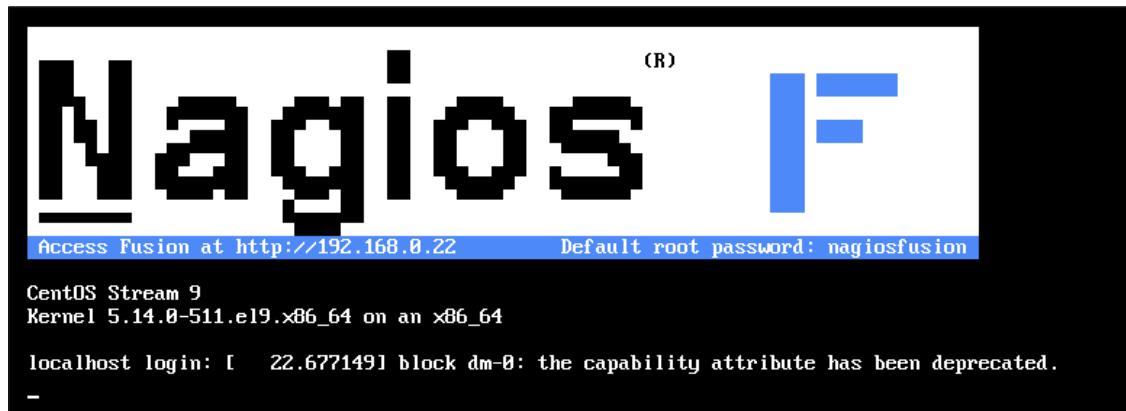
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11. Start the Virtual Machine by locating your new Nagios Fusion VM in Hyper-V Manager. Click **Start**, then click **Connect**.



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12. Once the machine fully powers on, the welcome banner will have your IP address, the username for the machine (`root`), and the password used to log in to the machine.



13. Enter the IP address given in the banner into the browser of your choice.

14. You will then be presented with the **Install** screen where you can:

- Configure the username and password for the interface
- Set your email address
- Set the language
- Set the system timezone
- Set the default application theme

15. Once you've made your selections, click **Install**.

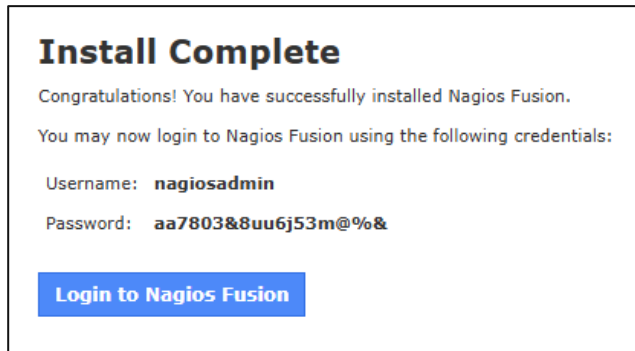
### Install

Welcome to the Nagios Fusion installation. Just answer a few simple questions and then you'll be all set!

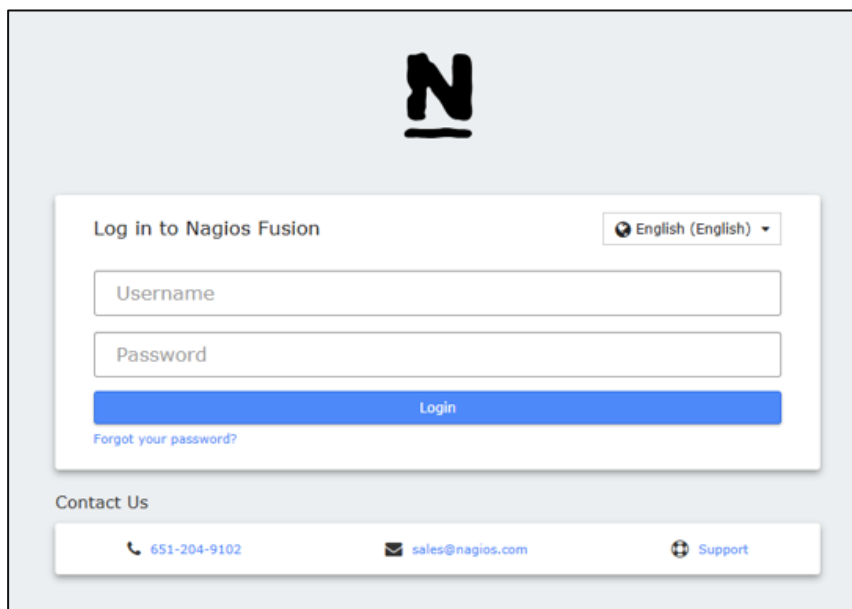
General Program Settings	Timezone Settings	Theme Settings
Internal URL: <input type="text" value="http://192.168.0.22/nagiosf"/>	Timezone: <input type="text" value="(UTC+00:00) UTC"/>	Theme: <input type="text" value="Modern"/>
Administrator Username: <input type="text" value="nagiosadmin"/>		
Administrator Name: <input type="text" value="Nagios Administrator"/>		
Administrator Email: <input type="text" value="root@localhost"/>		
Administrator Password: <input type="text" value="aa780388uu6j53m@%&amp;"/>		

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16. You will be provided with a summary of the username and password. Click the **Login to Nagios Fusion** button and you will be redirected to the login screen.



17. Log in using your credentials to begin using Nagios Fusion.



## Finishing Up

Congratulations! You have successfully installed Nagios Fusion. Refer to the [Nagios Fusion Administrator Guide](#) to help get you started using Nagios Fusion.

If you have additional questions or other support-related questions, please visit us at our Nagios Support Forum, Nagios Knowledge Base, or Nagios Library:

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