

# How To Use The Nagios XI 5 WatchGuard Wizard

## Purpose

This document describes how to set up your WatchGuard device and your Nagios XI server to allow for quick and easy monitoring of your WatchGuard device.

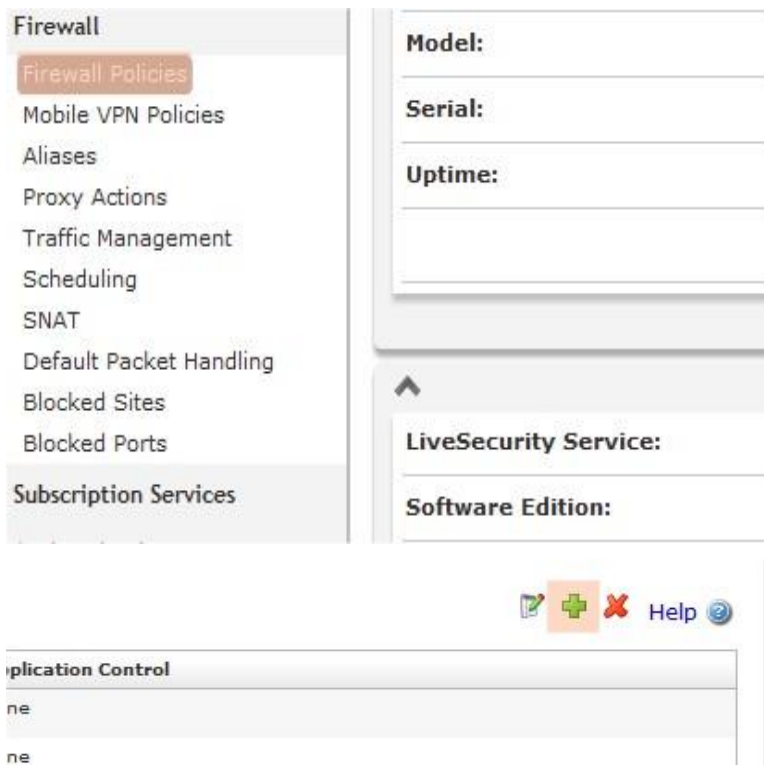
Note: If you are using Nagios XI 2024, please refer to the [updated document](#).

## Configure WatchGuard Device

The first task to accomplish is the configuration of your WatchGuard device. The WatchGuard wizard utilizes SNMP to monitor the device so first we must enable SNMP on the WatchGuard device. Login to your WatchGuard device's web interface with admin privileges. If already have the WatchGuard device configured for SNMP feel free to skim this section.

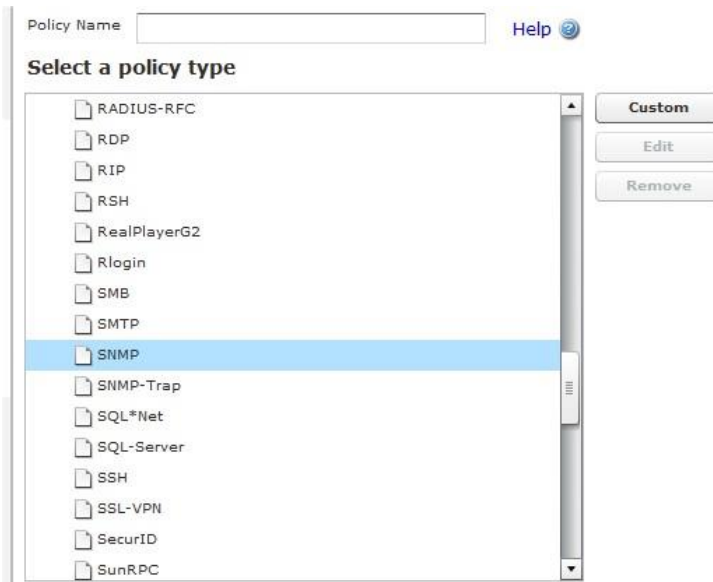
Select the **Firewall Policies** from the **Firewall** menu.

Select the **green add** button



# How To Use The Nagios XI 5 WatchGuard Wizard

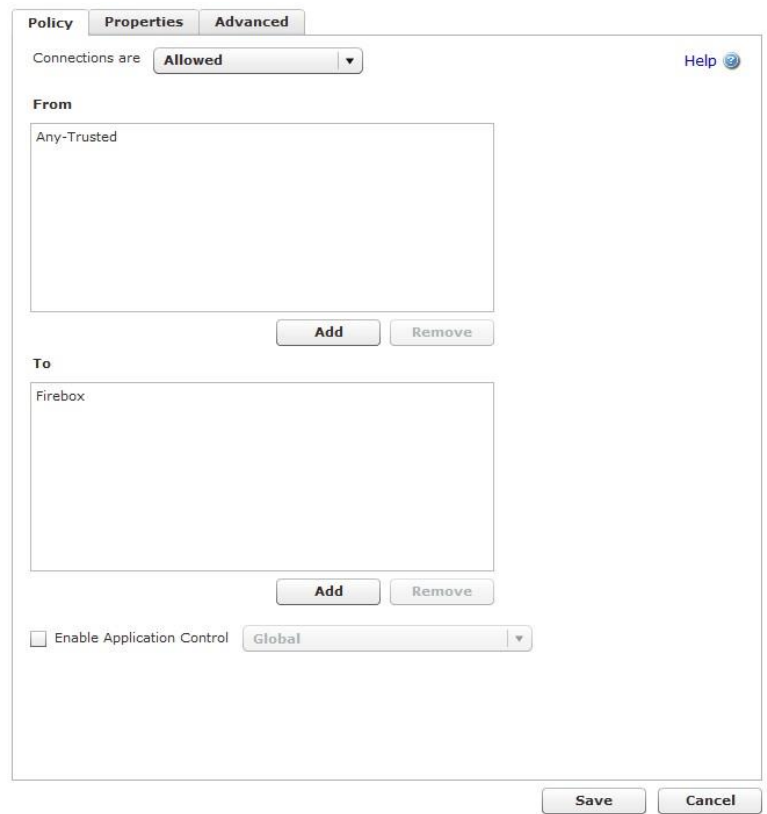
Under the **Packet Filters** folder find **SNMP** and select it. Once selected click the **Add Policy** button at the bottom.



Once at the next screen, you'll need to tell the WatchGuard which interface it can trust SNMP traffic on. For this example, we switch the **To:** field to be only the Firebox. This way only the WatchGuard device can receive SNMP traffic.

Once configured be sure to click **Save**.

Once you have saved that, navigate to the **SNMP** link under the **System** left menu header.



# How To Use The Nagios XI 5 WatchGuard Wizard

Once clicked, it will bring you to the SNMP configuration screen.

The screenshot shows the 'SNMP Settings' configuration screen. It includes sections for 'SNMP Settings', 'SNMP TRAPS', and 'SNMP Management Stations'. The 'SNMP Settings' section has dropdowns for 'Version' (v1/v2c), 'Authentication Protocol' (MD5), and 'Privacy Protocol' (None). It also has text input fields for 'Community String' (private), 'User Name', and password fields for both authentication and privacy protocols. The 'SNMP TRAPS' section has a dropdown for 'Version' (v1Trap). The 'SNMP Management Stations' section is a table with two rows: 192.168.5.74 and 192.168.5.190. Below the table are 'Add' and 'Remove' buttons, and at the bottom are 'Save' and 'Reset' buttons.

IP Address
192.168.5.74
192.168.5.190

Specify your **Community String**.

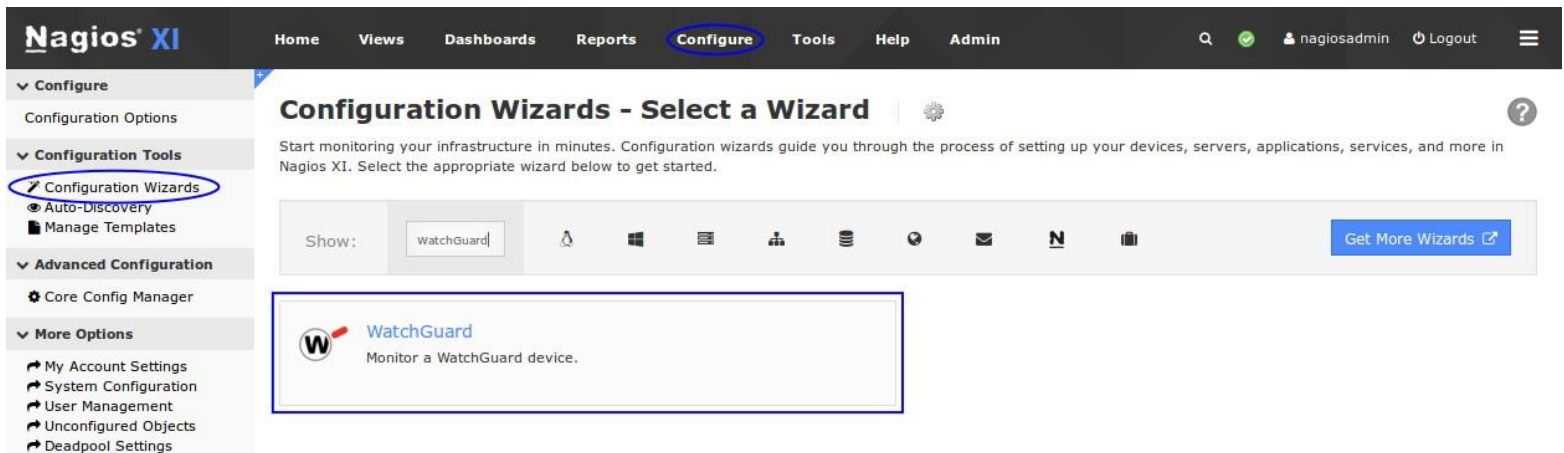
Set the **SNMP Management Station** to that of your Nagios XI server by entering the **IP** of your **Nagios XI** server in the text field next to the add button and clicking **Add**.

Once satisfied with the input, click **Save**. You have now finished the WatchGuard configuration.

# How To Use The Nagios XI 5 WatchGuard Wizard

## Running The Configuration Wizard

Nagios XI comes equipped with a Configuration Wizard for WatchGuard devices. To begin using the WatchGuard wizard navigate via the top menu bar to **Configure** > **Run a configuration wizard** and select the **WatchGuard** wizard. In the following screenshot you can see how the search field allows you to quickly find a wizard.



On **Step 1** you will be asked to supply the **address** of the WatchGuard device you want to monitor. You will have to provide the appropriate **SNMP Settings**.

### Configuration Wizard: WatchGuard - Step 1

WatchGuard Information

IP Address:   
The IP address of the WatchGuard device you'd like to monitor.

Port:   
The access port of the WatchGuard device

SNMPv1  SNMPv2c  SNMPv3

SNMP Community:   
The SNMP community string required used to to query the WatchGuard device.

Monitoring Options

Monitor Using:   
Select the port naming scheme that should be used.

Scan Interfaces  Scan the WatchGuard device to auto-detect interfaces that can be monitored for link up/down status and bandwidth usage. The scanning process may take several seconds to complete.

Value Defaults

Input Rate:  %  %

Output Rate:  %  %

Default Port Speed:  bytes/second

[< Back](#) [Next >](#)

# How To Use The Nagios XI 5 WatchGuard Wizard

There are some additional options for port monitoring which can be defined as required.

Click **Next** to proceed to step 2.

On Step 2 of the Wizard, you need to provide a **Host Name**.

## Configuration Wizard: WatchGuard - Step 2

### WatchGuard device Details

WatchGuard Address:

Host Name:

The name you'd like to have associated with this WatchGuard device.

### Services

Specify which services you'd like to monitor for the WatchGuard device.

**Ping**  
Monitors the WatchGuard device with an ICMP ping. Useful for watching network latency.

**CPU Usage**  
Monitors the Watchguards CPU usage.  
 %  %

**Active Connections**  
Checks the active connections that the WatchGuard device is servicing.

**Total Sent Packets**  
Checks the total number of packets sent by the WatchGuard device.  
 packets/sec  packets/sec

**Total Received Packets**  
Checks the total number of packets received by the WatchGuard device.  
 packets/sec  packets/sec

**Stream Requests**  
Checks the total number of stream requests received by the WatchGuard device.  
 requests/sec  requests/sec

**Stream Requests Dropped**  
Checks the total number of stream requests dropped by the WatchGuard device.  
 drops/sec  drops/sec

**Total Bytes Sent**  
Checks the total number of bytes sent by the WatchGuard device.  
 Kbps  Kbps

**Total Received Bytes**  
Checks the total number of bytes received by the WatchGuard device.  
 Kbps  Kbps

Under the Services section you are provided with a list of the different monitoring metrics available for a WatchGuard device.

# How To Use The Nagios XI 5 WatchGuard Wizard

If you do not want to monitor a specific metric, simply **un-check** the box for that option.

At the bottom of the screen is the **Bandwidth** and **Port Status** section. Here is where you can specify which ports you would like to monitor, what the warning/critical thresholds are.

## Bandwidth and Port Status

Select the ports for which you'd like to monitor bandwidth and port status. You may specify an optional port name to be associated with specific ports.

Port Check / Uncheck	Port Name	Max Speed	Service Description	Bandwidth Check / Uncheck	Port Status Check / Uncheck
<input checked="" type="checkbox"/> Port 2	eth0	100.00 Mbps	Port 2	<input checked="" type="checkbox"/> Rate In:Rate Out: Rate In:Rate Out: Warning: 500 500 Critical: 800 800 Mbps	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Port 3	eth1	100.00 Mbps	Port 3	<input checked="" type="checkbox"/> Rate In:Rate Out: Rate In:Rate Out: Warning: 50 50 Critical: 80 80 Mbps	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Port 4	eth2	100.00 Mbps	Port 4	<input checked="" type="checkbox"/> Rate In:Rate Out: Rate In:Rate Out: Warning: 50 50 Critical: 80 80 Mbps	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Port 5	eth3	100.00 Mbps	Port 5	<input checked="" type="checkbox"/> Rate In:Rate Out: Rate In:Rate Out: Warning: 50 50 Critical: 80 80 Mbps	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Port 6	eth4	100.00 Mbps	Port 6	<input checked="" type="checkbox"/> Rate In:Rate Out: Rate In:Rate Out: Warning: 50 50 Critical: 80 80 Mbps	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Port 7	eth5	100.00 Mbps	Port 7	<input checked="" type="checkbox"/> Rate In:Rate Out: Rate In:Rate Out: Warning: 50 50 Critical: 80 80 Mbps	<input checked="" type="checkbox"/>

[← Back](#) [Next >](#)

The **Port** column allows you to de-select any ports that aren't being used on the WatchGuard device.

You can rename each port to be more descriptive than the default, Port x.

If you are not concerned with the bandwidth monitoring, you can un-check the box for that port in the **Bandwidth** column. In this column you also define the warning and critical thresholds for the in/out rate.

If you are not concerned with the port status (Administratively Down/Up/Down) you can un-check the box for that port in the **Port Status** column.

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.

# How To Use The Nagios XI 5 WatchGuard Wizard

Once the wizard applies the configuration, click the **View status details for your WatchGuard device** link to see the new host and services that were created.

## Finishing Up

This completes the documentation on how to use the Nagios XI WatchGuard configuration wizard. 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](#)