How To Monitor Meraki Switches With Nagios XI 2026

Purpose

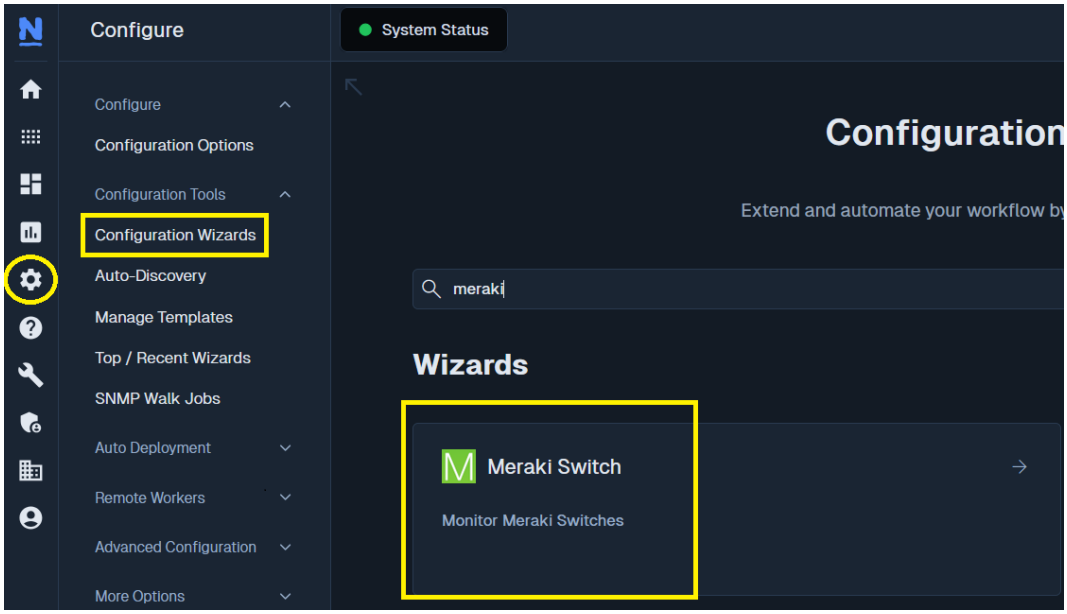
This document describes how to use the Meraki Switch Wizard to monitor port bandwidth and status on individual or multiple Meraki switches.

Prerequisites

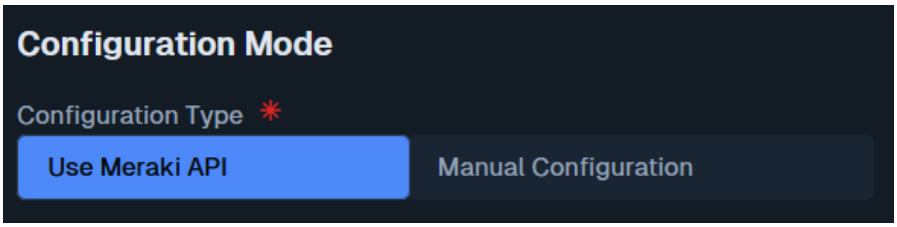
Direct network access to the target switches from your Nagios XI server is required to use this method.

Using the Meraki Switch Wizard

1. To begin, navigate to **Configure > Configuration Wizards** and search for 'meraki', then click the **Meraki Switch Wizard.**



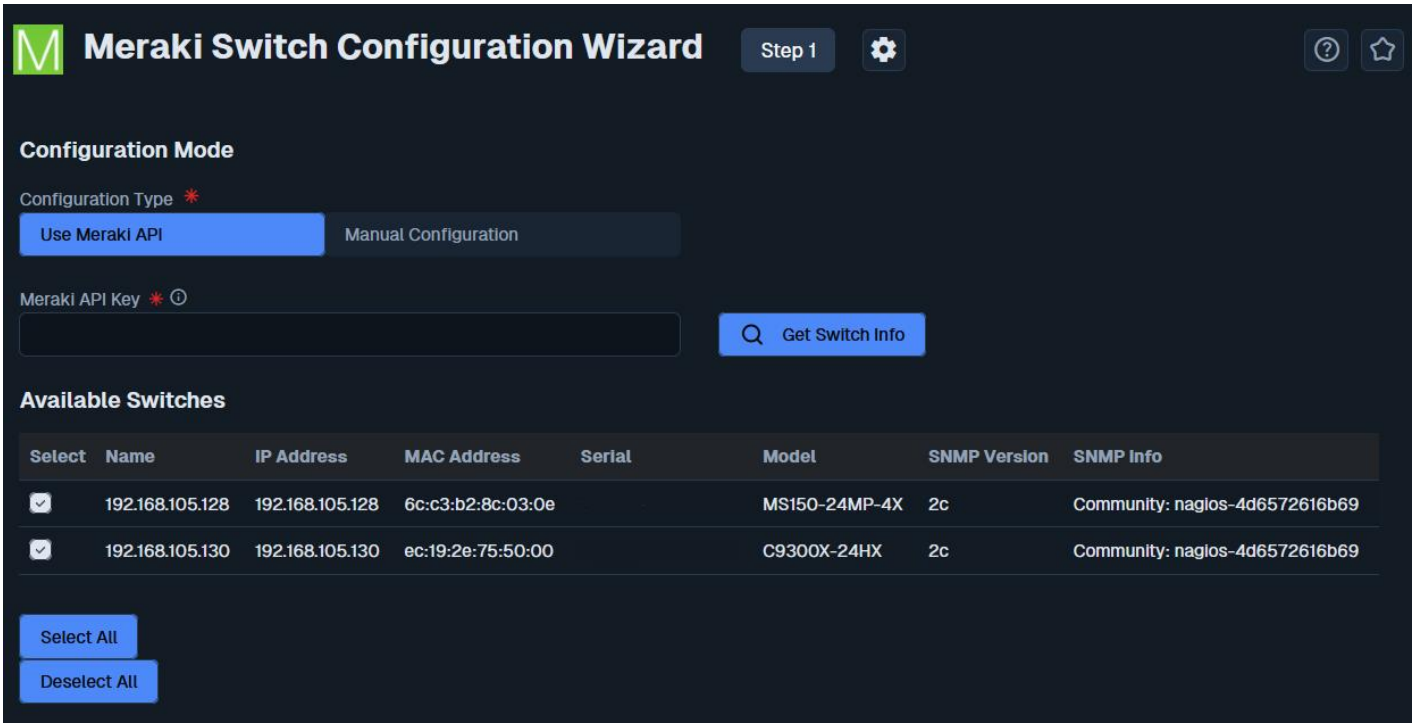
2. In **Step 1** of the wizard, you will first choose from two **Configuration Modes**: Use Meraki API or Manual Configuration.



Use Meraki API

Using the Meraki API enables you to simply enter your Meraki API key to view a list of the defined devices. After entering your API Key, click **Get Switch Info**.

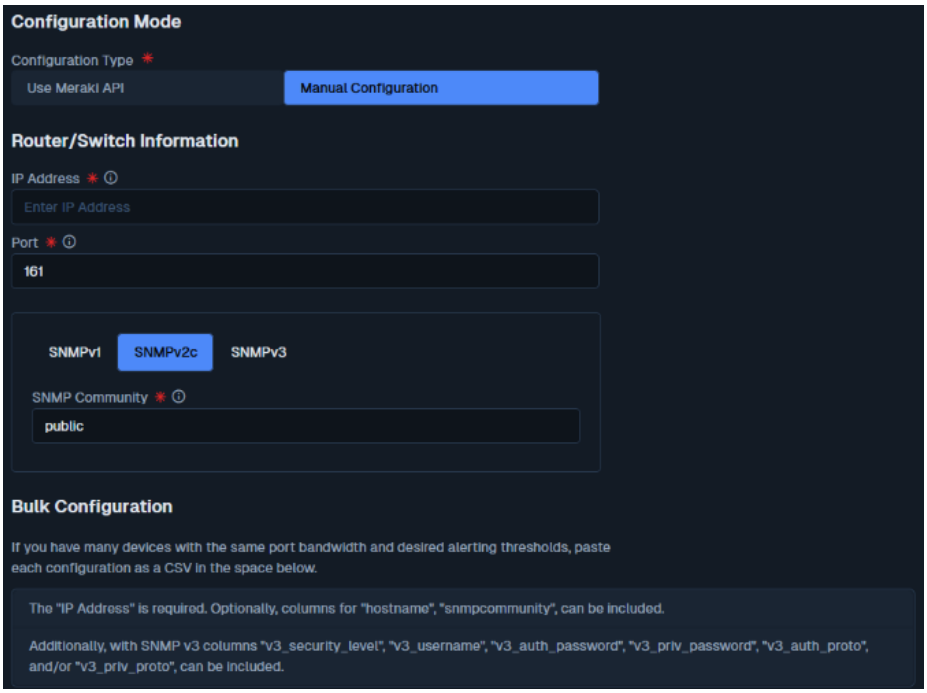
The scan will return the Name, IP Address, Mac Address, Serial #, Model, SNMP Version, and SNMP community string for each defined device.



You can use the lefthand checkboxes to select individual switches to monitor, and use the **Select All** and **Deselect All** buttons to quickly select and de-select the entire set.

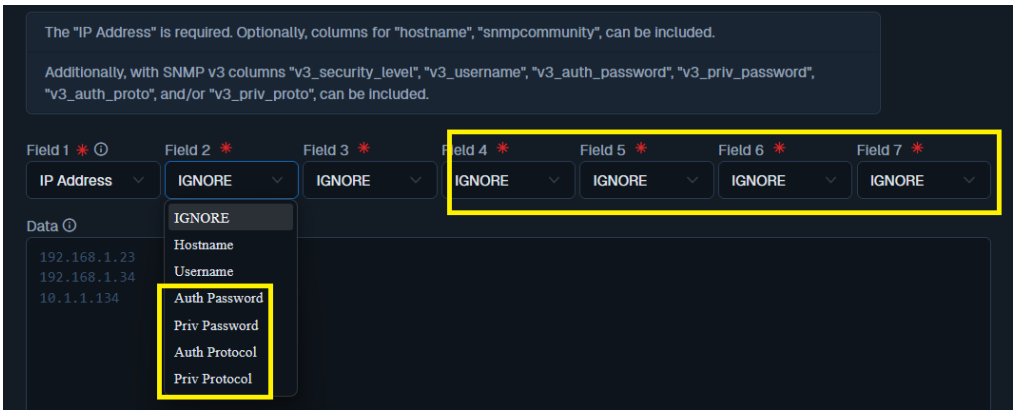
Manual Configuration

Alternately, you can choose to manually enter the SNMP settings necessary to connect to a single or multiple switches. For a single device, enter the IP Address and Port, along with selecting an SNMP version and entering the necessary credentials, in the **Router/Switch Information** section.

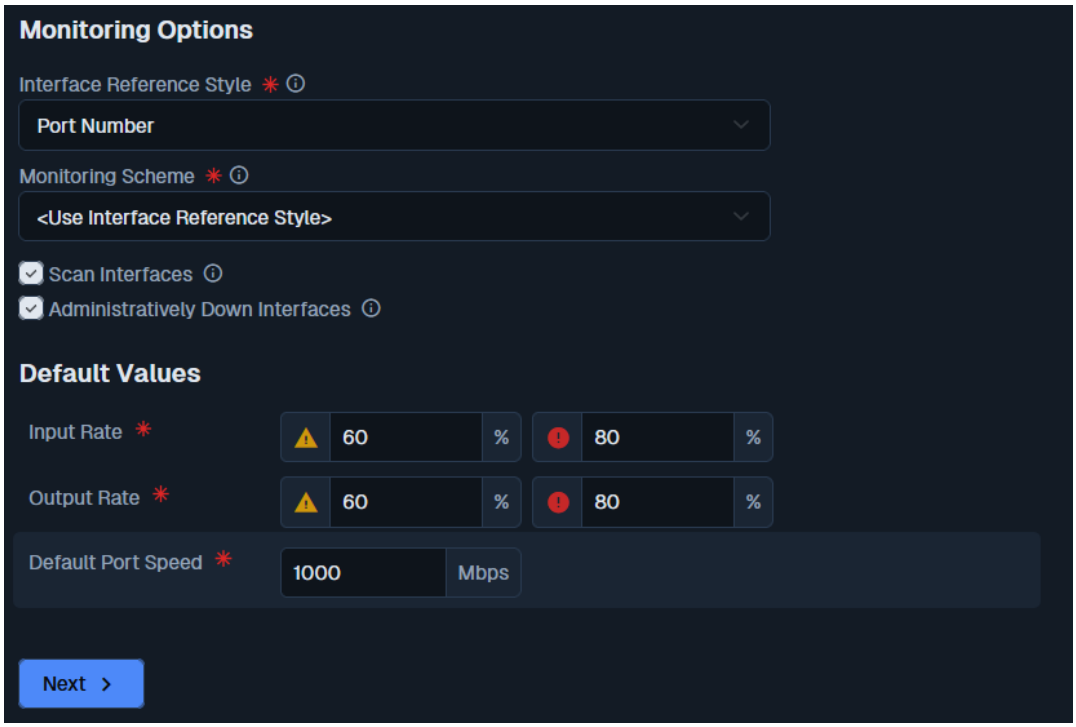


You'll also notice a **Bulk Configuration** section which can be used to enter the necessary connection details to configure monitoring of multiple switches at once.

Note that the Fields made available in the dropdowns will be based on the SNMP version selected in the **Router/Switch Information** section. For example, choosing SNMPv3 populates multiple additional fields:



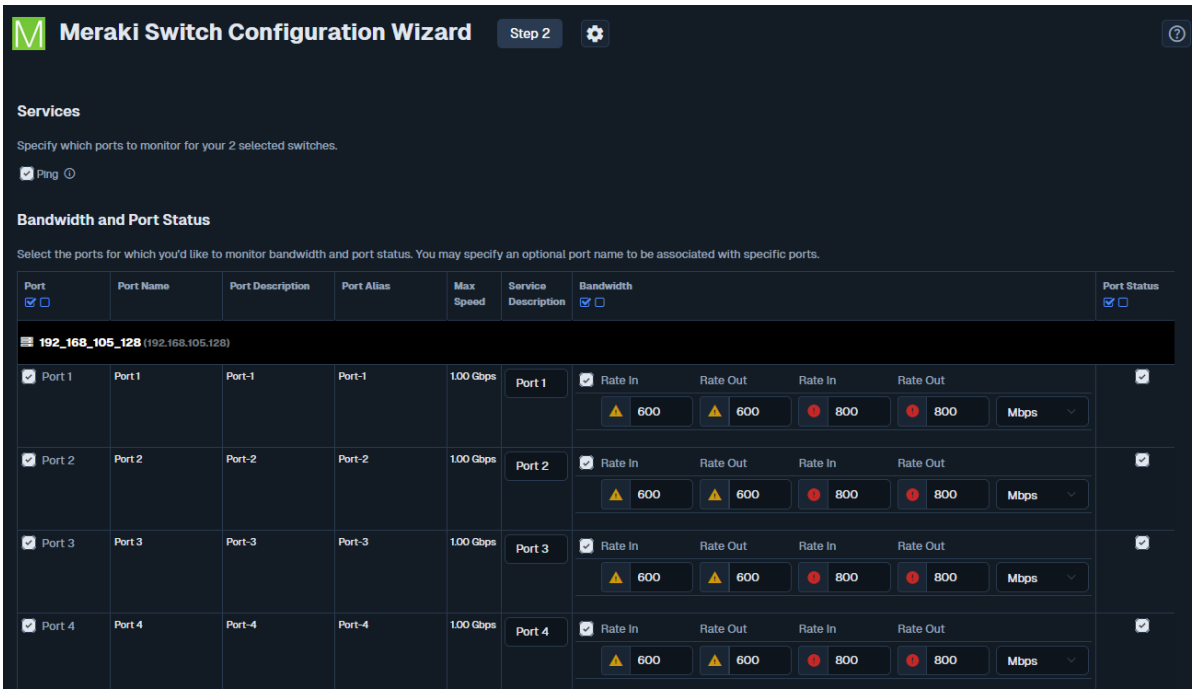
3. Next, choose your **Monitoring Options** and **Default Values**, including whether to auto-detect interfaces with the Scan Interfaces checkbox, and whether to include administratively down interfaces in the results.



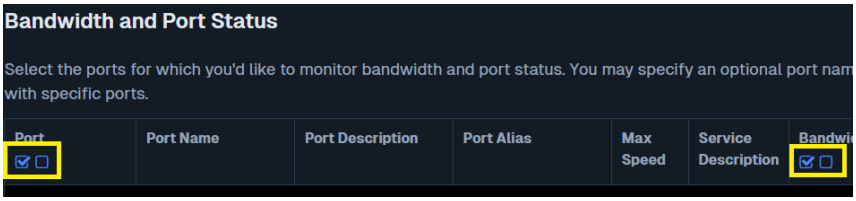
Once you've made your selections, click **Next** to proceed.

4. In **Step 2** of the wizard, you'll choose the Ports you wish to monitor, along with your warning and critical Rate In/Rate Out alert thresholds, and whether you wish to monitor Port Status.

   You can also choose a custom Service Description if you'd like to give the ports a friendly name other than what was auto-populated.



Note that you can use the blue checkboxes at the top of the table to quickly select or de-select all of the ports in the Port, Bandwidth, and Port Status columns.



Also note that the results shown in **Step 2** will include all of the switches you chose to scan in **Step 1**, so you will need to scroll down the list to see all of them.

Once you've chosen your settings, click **Next** at the bottom to proceed.

5. 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 the new host(s) and services and begin monitoring.

Once the wizard applies the configuration, click the **View status details for** link to see the new objects that were created.

More Information:

You can learn more about all of the common wizard steps and settings here:

Understanding and Using Config Wizards in Nagios XI

Finishing Up

This completes the documentation on monitoring Apache ActiveMQ 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