

Overview

SNMP (Simple Network Management Protocol) is an Internet Standard protocol for collecting and organizing information about managed devices on IP networks and for modifying that information to change device behavior. Devices that typically support SNMP include cable modems, switches, servers, workstations, printers and more. Three significant versions of SNMP have been developed and deployed. SNMPv1 is the original version of the protocol. More recent versions, SNMPv2c and SNMPv3 include feature improvements in performance, flexibility, and security.

The SNMP tab enables you to define the SNMP settings (community strings, ports, and security) to be used for all devices at the client site. This will save you time as you will not have to configure SNMP settings on a per-device basis.

SNMP Tab Breakdown

The network probe will use the following settings when scanning devices via SNMP:

1. From the Control Center, select **Browse > Computers** tab.
2. Double-click on the network probe computer. You can determine the probe machine by locating the device with a **Network Probe**

3. Select the **Automation** icon appearing in the **Flags** column. The **Computer Management** screen is displayed.

4. Select **Settings** from the navigation pane and then click on the **SNMP** tab.



	off of an SNMP-enabled device. This field is automatically populated based on the information you previously entered during the Probe Wizard. Strings are listed in the order in which they appear in the list. It is recommended to enter the most common variable first. The default value is public, private, admin.
SNMP Timeout	Enables you to set a value representing the number of seconds the network probe should wait for an SNMP response from the target device. If you plan on doing a large portion of SNMP walks on a heavy traffic network, you may want to change the value to 45 to allow enough time for an SNMP response from the device. The asterisk represents a mandatory field. The default setting is 15 seconds.
SNMP V3 Settings	
Enable SNMP V3	When selected, enables the network probe to use SNMP V3, as well as each of the fields below, become available for editing. The default setting is Disabled.
Username	Enter the username to use SNMP V3 (also commonly referred to as the security name). For each probe, the system allows for the setting of one universal SNMP V3 access combination that can be tried on all found devices. SNMP V3 is only attempted if the Username field is not empty. <b>Note:</b> The recommended practice is to not use the SNMP V3 settings. Devices using V3 may send alerts when an incorrect password is used and the probe could cause those alerts to generate false alarms. The only time you should use this is if all your V3 devices use the same password.
Auth Password	Enter the authentication phrase for the devices that are configured for authentication. This value must match all SNMP V3 enabled devices.
Method	Select MD5 (Message Digest 5) or SHA (Secure Hash Algorithm) from the authentication Method drop-down. The value must match the device. The default setting is MD5.
Encryption Password	Enter the encryption phrase for the devices that are configured for encryption. This value must match the device.
Method	Select the encryption Method from the drop-down. The available choices are DES, AES, and 256G. This value must match the device. The default setting is DES.
SAVE	Click the Save button to save your settings. A command will automatically be sent to rescan the network.
CANCEL	Undo's any changes that were made prior to saving.