

SERVERSCHECK

www.serverscheck.com

**Quick Installation Guide
For Sensors with WhatsUpGold
Monitoring Software**

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Document Overview

This document outlines the integration with the ServersCheck PoE & SNMP sensors with the IPswitch's WhatsUp Gold Monitoring software. This document assumes that a sensor was configured on the network as per user manual instructions.

The manual can be downloaded from www.serverscheck.com/sensors/manual.asp.

This document also assumes that WhatsUpGold has been installed on a system and the user is knowledgeable with the SNMP technology. For more information on WhatsUp Gold, please visit <http://www.whatsupgold.com/index.aspx/>

For this guide our gateway's SNMP settings is as shown below

SNMP Settings

SNMP Agent

Enable SNMP Agent

Port:

Version:

SNMP v2 Community

Read Community:

Write Community:

SNMP v3 USM

Username:

Auth Key:

Protocol:

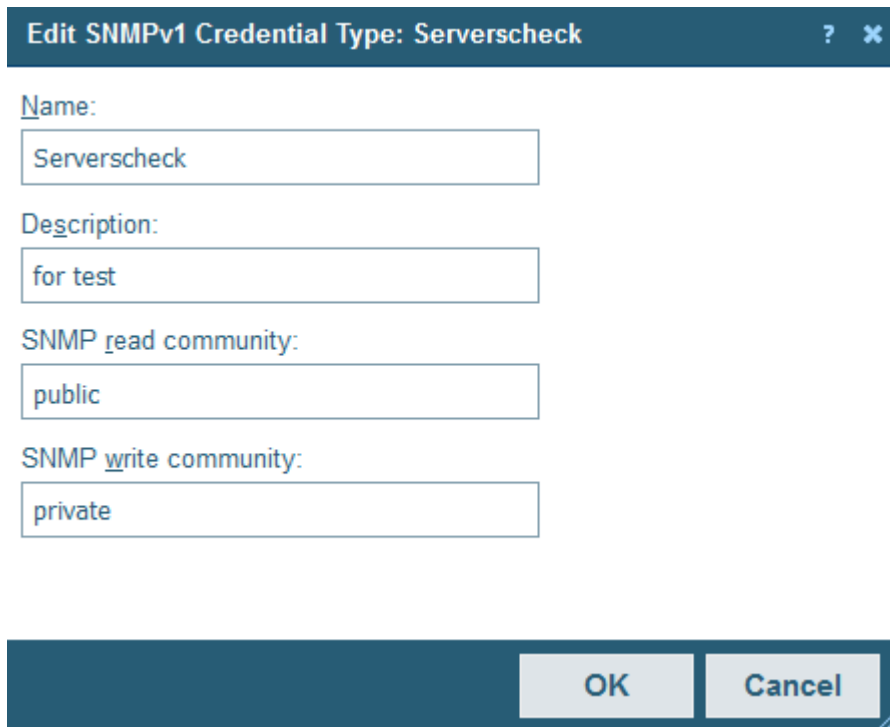
Privacy Key:

Protocol:

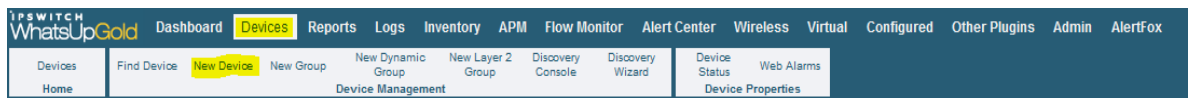
SNMP Tran

Guide on how to add a ServersCheck device to a WhatsUpGold Software.

1. Open the WhatsUpGold software and then click on Admin - Credentials on the top part of the screen. This is where you will set up the Read and Write Community String. Please note that the Read and Write Community String should be the same as what is set on the SNMP portion of the Sensorgateway Web Interface.

A screenshot of a dialog box titled 'Edit SNMPv1 Credential Type: Serverscheck'. The dialog has a dark blue header with a question mark and a close button. It contains four text input fields: 'Name' with the value 'Serverscheck', 'Description' with the value 'for test', 'SNMP read community' with the value 'public', and 'SNMP write community' with the value 'private'. At the bottom, there are two buttons: 'OK' and 'Cancel'.

2. Go to Devices - New Device on the upper left side of the page



- Put the IP address of the unit you wanted to add. This should search for your device and will be added on the dashboard.

Add New Device - WhatsUp Gold

Add New Device

This dialog allows you to add a device to the WhatsUp Gold database.

Add Device to Group: 192.168.9.0/24

IP address or host name of the new device:

Example: 192.168.200.123 or www.somedomain.com

Add device immediately without scanning

Force device role:

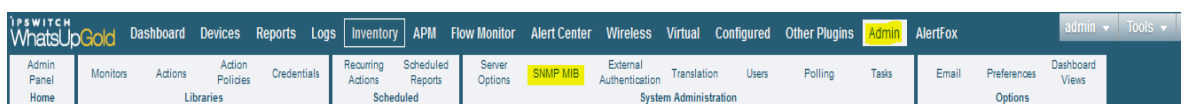
Device

Advanced... OK Cancel Help

- Go to Admin - SNMP MIB. You need to upload the MIB file so that the Servercheck Sensors will be read.

For information on where to download the MIB file, go to this link

<https://serverscheck.com/support/downloads.asp>



Browse through the file you downloaded from our website

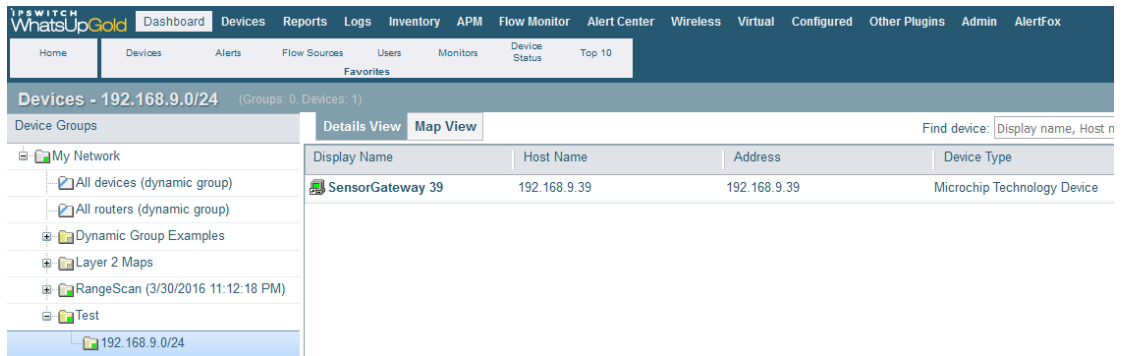
Select a MIB File to Import

MIB file to upload to the MIB directory:

sensorgateway.mib

OK Cancel

5. Go to Dashboard - Devices. You should be able to see the device that you recently added.



6. Right click on the device you have added then select Properties.



7. Add an SNMP Monitor on both Active Monitors and Passive Monitors.

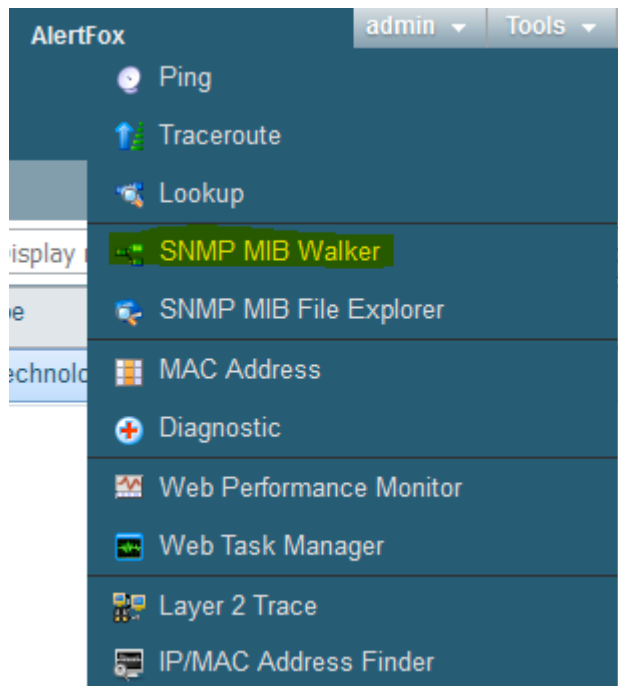
The screenshot shows the 'Active Monitors' tab in the 'Device Properties' window for 'SensorGateway 39'. The left sidebar contains a 'Properties' menu with options: Summary, General, Performance Monitors, Active Monitors (selected), Passive Monitors, Actions, Credentials, Polling, Virtualization, Notes, Custom Links, and Attributes. The main area is titled 'Active Monitors' and contains a table of active monitors attached to the device. The table has columns: Monitor Name, Argument, Critical *, Network Interface, and Comment. There are two rows: 'Ping (Up at least 5 ...)' and 'SNMP (Up at least ...)'. The 'SNMP' row is highlighted in yellow. To the right of the table are buttons: Add..., Edit..., Remove..., Critical..., Disable..., and Enable... Below the table is a note: '* Click the 'Critical...' button to select critical monitors and set their polling order.' A 'Close' button is at the bottom right.

Monitor Name	Argument	Critical *	Network Interface	Comment
Ping (Up at least 5 ...)		No	(Default)	
SNMP (Up at least ...)		No	192.168.9.39	

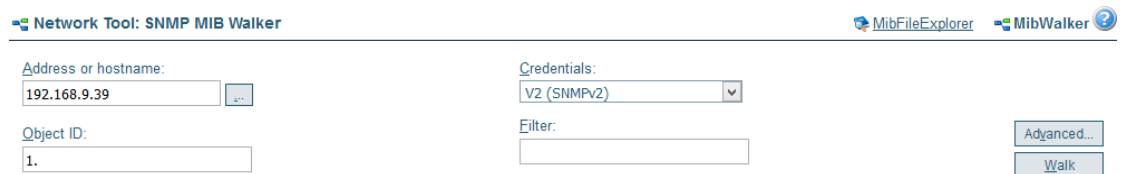
The screenshot shows the 'Passive Monitors' tab in the 'Device Properties' window for 'SensorGateway 39'. The left sidebar is the same as in the previous screenshot, but 'Passive Monitors' is selected. The main area is titled 'Passive Monitors' and contains a table of passive monitors associated with the device. The table has columns: Name and Type. There is one row: 'Any' with type 'SNMP Trap'. To the right of the table are buttons: Add..., Edit..., and Remove... A 'Close' button is at the bottom right.

Name	Type
Any	SNMP Trap

8. How to do an SNMP walk? Go to Tools - SNMP MIB Walker on the upper right side of the page.



9. Input the IP address of the device you want to do the SNMP walk. Select the Credentials and the Object ID.

A screenshot of the 'Network Tool: SNMP MIB Walker' configuration page. The page has a header with 'Network Tool: SNMP MIB Walker' on the left and 'MibFileExplorer' and 'MibWalker' with a help icon on the right. The main form contains the following fields:

- 'Address or hostname:' with a text input containing '192.168.9.39' and a small 'go...' button to its right.
- 'Object ID:' with a text input containing '1'.
- 'Credentials:' with a dropdown menu showing 'V2 (SNMPv2)'.
- 'Filter:' with an empty text input field.
- Two buttons on the right: 'Advanced...' and 'Walk'.

And click Walk. All the SNMP details of the device should appear.

The screenshot shows the 'Network Tool: SNMP MIB Walker' interface. At the top, there are navigation links for 'MibFileExplorer' and 'MibWalker'. The main configuration area includes:

- Address or hostname:** 192.168.9.39
- Credentials:** V2 (SNMPv2)
- Object ID:** 1.
- Filter:** (empty)

Buttons for 'Advanced...' and 'Walk' are visible. Below the configuration, the tool is in the state 'Walking 1. (iso) on 192.168.9.39'. A 'Stop' button is present. The results are displayed as a tree structure:

- iso.org.dod.internet
 - mgmt(2)
 - mib-2(1)
 - system(1)
 - sysDescr(1).0: Temperature & Sensor Gateway
 - sysObjectID(2).0: 1.3.6.1.4.1.17095
 - sysUpTimeInstance(0).0: 0days 08:14:25.23
 - sysContact(4).0: http://www.serverscheck.com
 - sysName(5).0: SensorGateway 39
 - sysLocation(6).0: Data Center 39
 - private(4)
 - enterprises(1)
 - serverscheck(17095)
 - product(1)
 - productname(1).0: Temperature & Sensor Gateway
 - productversion(2).0: Beta 7.01
 - productdate(3).0: Mar 17 2016
 - productusername(4).0: SensorGateway 39
 - productuserloc(5).0: Data Center 39

This is the end of the guide on how to integrate Serverscheck Sensors in the WhatsUpGold Monitoring Software.