

Description: Guide to installing and configuring the Microsoft Windows SNMP Agent on Windows Vista

OS Requirements: Windows Vista

General Requirements: GENESIS32 9.x

Introduction

Simple Network Management Protocol (SNMP) is a communication standard that facilitates the exchange of network information between SNMP enabled devices. An SNMP network consists of a Network Management System (NMS), Managed Devices, and Agents. An NMS would monitor or control managed devices that provide SNMP information through the agents.

Here is how SNMP works with GENESIS32. You can consider ICONICS GENESIS32 V9 as an NMS. The Managed Devices are your routers, printers, servers, etc. The Agents are software on the managed devices that provide management information.

This document will walk you through the steps of installing and setting up your SMP services from windows.

Installing the MS Windows SNMP Agent

- Click “Turn Windows features on and off ” from the left side of the Control Panel.

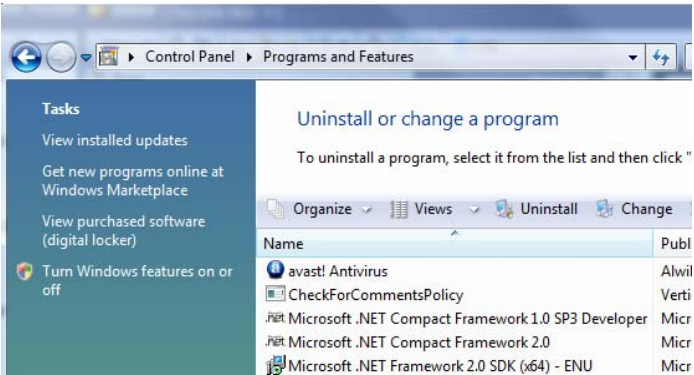


Figure 1 – Turn Windows features on or off

- Select SNMP Features from the list

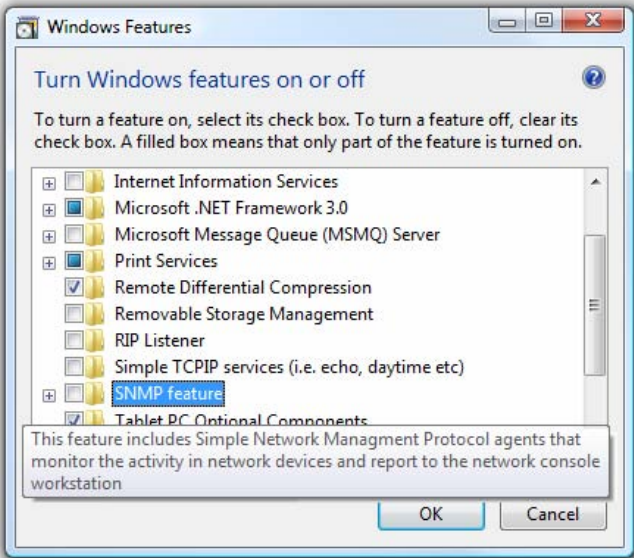


Figure 2 – SNMP Features check box

- Click on “OK” in the dialog windows and wait for the component to be configured.

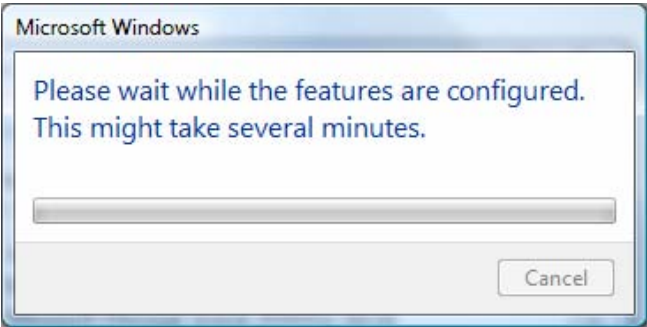


Figure 3 – Configuring SNMP Feature

Configuring the MS Windows SNMP Agent Service: SNMP Data

1. Go to Start → Settings → Control Panel → Administrative Tools → Services.
2. Select SNMP Service and open the properties page by right-clicking on it and select Properties.

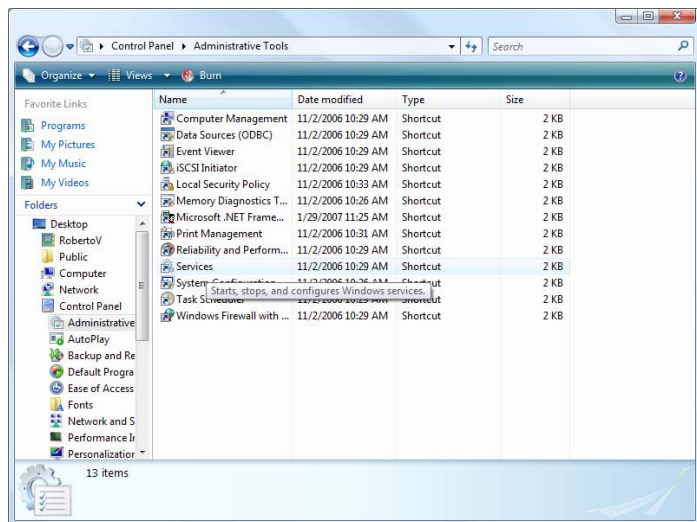


Figure 2 - Select the SNMP Service Properties

3. Select the Security Tab.
4. Add the community names for the devices from which you would like to receive SNMP data. Specify Community Rights as well.

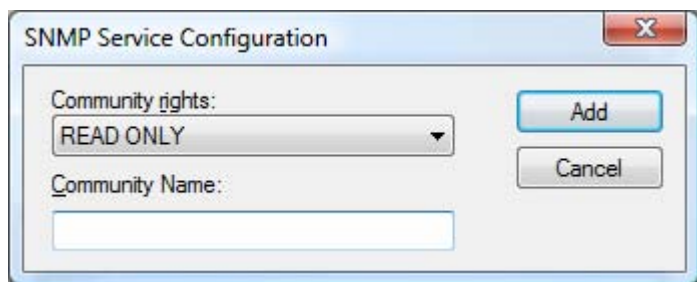


Figure 3 - "public" is the default read community for most devices

NOTE: The default read only community for most devices is "public". The ICONICS SNMP Simulator publishes in this community. The default read/write community for most devices is "private".

5. Add the Host Name or IP addresses of devices you wish to receive SNMP packets from by using the "Add..." button in the lower section. You can also choose to accept SNMP packets from any host.

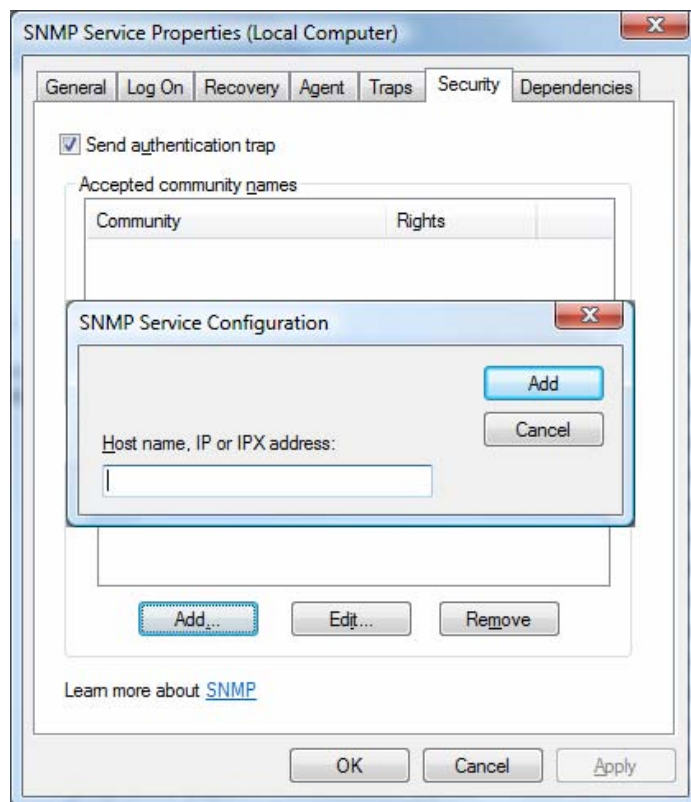


Figure 4 - Add the Host Name or IP address of SNMP enabled devices

6. Click on "OK" to close the properties window.
7. Start the SNMP service by selecting it and clicking the start service button ► on the top toolbar.
8. Close the services browser.

Configuring the MS Windows SNMP Agent Service: SNMP Simulator Traps

1. Open Administrative Tools from the Control Panel.
2. Select SNMP Service and open its properties page by right clicking (Figure 2) on it and selecting Properties.
3. Click on the Traps Tab.
4. Type “public” under community name and click Add to list.
5. Click on “Add...” at the bottom of the window and add “localhost” and the DNS name of your PC

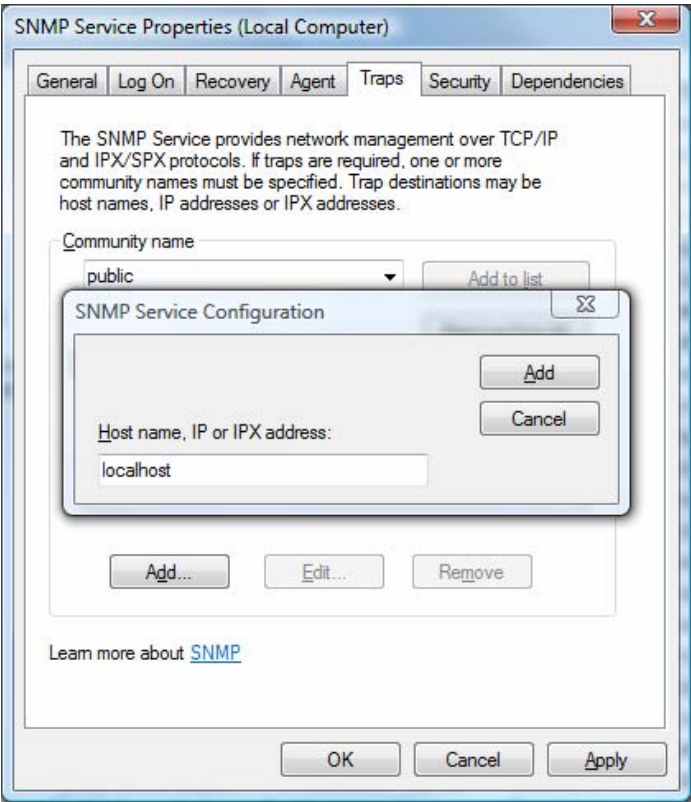


Figure 7 - add "localhost" and the PC's DNS name

6. Click on “OK” to close the properties window.
7. Restart the SNMP service by selecting it and clicking the restart service button  on the top toolbar.
8. Close the services browser.