



The following procedure enables both the system default SNMP daemon `snmpd` and the proprietary VMware SNMP daemon `vmware-hostd` on VMware ESX/ESXi Server version 4.

To enable SNMP on VMware ESX/ESXi Server 4:

1. Log in to your ESX Server using an account with administrative privileges.
2. Open `snmp.xml` in a text editor.

Notes:

- o The default location for `snmp.xml` is `root/etc/vmware/snmp.xml`.
- o To use the default text editor, `nano`, in a default environment, enter `nano /etc/vmware/snmp.xml` at the prompt.

3. Locate the `communities` tag, and then replace the default community string `public` with an appropriate read-only community strings for your environment, separated by commas.
4. Locate the `enable` tag, and then confirm it is set to `true`.
5. Locate the `port` tag, and then confirm it is set to `171`.
6. Locate the `targets` tag, and then confirm it is set to `127.0.0.1@162/cstring`.

Note: Replace `cstring` with the community string you provided in step 3, above.

7. Save `snmp.xml`, and then close your editor.

Note: *If you are using nano*, press `Ctrl+X` to close `nano`, and then enter `Y` to save `snmp.xml`.

8. Enter `service snmpd stop` to confirm that the SNMP service is stopped.
9. Open `snmpd.conf` in a text editor.

Notes:

- o The default location for `snmpd.conf` is `root/etc/snmp/snmpd.conf`.
- o To use the default text editor, `nano`, in a default environment, enter `nano /etc/snmp/snmpd.conf` at the prompt.

10. Edit `snmpd.conf` to include the following two lines:

```
view systemview included .1.3.6.1.4.1.6876
proxy -v 1 -c cstring 127.0.0.1:171 .1.3.6.1.4.1.6876
```

Note: Replace `cstring` with the community string you provided in step 3, above.

11. Save `snmpd.conf`, and then close your editor.

Note: *If you are using nano*, press `Ctrl+X` to close `nano`, and then enter `Y` to save `snmpd.conf`.

12. Enter `service mgmt-vmware restart` to restart the `mgmt-vmware` service.
13. Enter `service snmpd start` to start the SNMP service.
14. Enter `chkconfig snmpd on` to enable SNMP when you reboot your ESX Server.
15. Enter `esxcfg-firewall -e snmpd` to allow SNMP through the ESX Server firewall.
16. Confirm that SNMP polling is enabled on your ESX Server by entering the following command:

```
snmpwalk -v1 -c cstring localhost .1.3.6.1.4.1.6876 | grep 6876.1
```

Note: Replace `cstring` with the community string you provided in step 3, above.

After entering the `snmpwalk` command, your ESX Server should return information similar to the following:

```
SNMPv2-SMI::enterprises.6876.1.1.0 = STRING: "VMware ESX"
SNMPv2-SMI::enterprises.6876.1.2.0 = STRING: "4.0.0"
SNMPv2-SMI::enterprises.6876.1.4.0 = STRING: "208167"
```

Note: The MIB OID `SNMPv2-SMI::enterprises.6876.1.4.0` returns the build number for your product, so it may not be the same as the build number displayed above.