

# Instrucciones para configurar un agente SNMP en linux (ubuntu) usando NET-SNMP

1) Instalar NET-SNMP

```
sudo apt-get install snmpd snmp
```

2) configurar el archivo /etc/snmp/snmpd.conf, es recomendable crear una copia del archivo original con el comando

```
# mv /etc/snmp/snmpd.conf /etc/snmp/snmpd.conf.bck
```

3) editar el archivo snmpd.conf de manera manual o usando un script de perl incluido en la instalación de NET-SNMP usando el comando:

```
# snmpconf -r none -g basic_setup
```

```
tani-Lap pruebaMIB # snmpconf -r none -g basic_setup
```

```
*****  
*** Beginning basic system information setup ***  
*****
```

Do you want to configure the information returned in the system MIB group (contact info, etc)? (default = y): y

Configuring: syslocation

Description:

The [typically physical] location of the system.

Note that setting this value here means that when trying to perform an snmp SET operation to the sysLocation.0 variable will make the agent return the "notWritable" error code. IE, including this token in the snmpd.conf file will disable write access to the variable.

arguments: location\_string

The location of the system: laboratorio de REDES

Finished Output: syslocation "laboratorio de REDES"

Configuring: syscontact

Description:

The contact information for the administrator

Note that setting this value here means that when trying to perform an snmp SET operation to the sysContact.0 variable will make the agent return the "notWritable" error code. IE, including this token in the snmpd.conf file will disable write access to the variable.

arguments: contact\_string

The contact information: tanibet.escom@gmail.com

Finished Output: syscontact tanibet.escom@gmail.com

Do you want to properly set the value of the sysServices.0 OID (if you

don't know, just say no)? (default = y): **n**

```
*****  
*** BEGINNING ACCESS CONTROL SETUP ***  
*****
```

Do you want to configure the agent's access control? (default = y): **y**  
Do you want to allow SNMPv3 read-write user based access (default = y): **n**  
Do you want to allow SNMPv3 read-only user based access (default = y): **n**  
Do you want to allow SNMPv1/v2c read-write community access (default =y): **y**

Configuring: rwcommunity

Description:

a SNMPv1/SNMPv2c read-write access community name

arguments: community [default|hostname|network/bits] [oid]

Enter the community name to add read-write access for: comunidadSNMP

The hostname or network address to accept this community name from [RETURN for all]:

The OID that this community should be restricted to [RETURN for no-restriction]:

Finished Output: rwcommunity comunidadSNMP

Do another rwcommunity line? (default = y): **n**

Do you want to allow SNMPv1/v2c read-only community access (default = y): **n**

```
*****  
*** Beginning trap destination setup ***  
*****
```

Do you want to configure where and if the agent will send traps? (default = y): **n**

```
*****  
*** Beginning monitoring setup ***  
*****
```

Do you want to configure the agent's ability to monitor various aspects of your system? (default = y): **n**

The following files were created:

snmpd.conf

These files should be moved to /usr/share/snmp if you want them used by everyone on the system. In the future, if you add the -i option to the command line I'll copy them there automatically for you.

Or, if you want them for your personal use only, copy them to /root/.snmp . In the future, if you add the -p option to the command line I'll copy them there automatically for you.

4) Reiniciar el servicio SNMP con el comando:

**sudo service snmpd restart**