# Enabling SNMP on Mac OS

## Installing SNMP

To configure snmp on Mac OS, you first need to install the snmpd package. If the file **`/etc/snmp/snmpd.conf`** exists, then snmp is already installed.

If not, you can install it using one of these methods:

- from the Mac OS CD
- download it from the project site NET_SNMP
- via the Mac OS package manager Homebrew

1. Install Homebrew by typing the following line in the terminal :

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```
/bin/bash -c "$(curl -fsSL https://raw.githubusercontent.com/Homebrew/install/master/install.sh)"
```

2. Install SNMP by typing the following line in the terminal :

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```
brew install net-snmp
```

## Enable SNMP automatically at boot time

1. Edit the file **`/etc/hostconfig`**

2. Search for the header **# Services** and below the list of services (just above the line **APPLETALK_HOSTNAME**) add the following line :

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```
SNMPSERVER=-YES-
```

3. Save the file

## Configure SNMP

Next, you need to edit the :

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```
nano /etc/snmp/snmpd.conf
```

Change the line ( or put it as a comment ) and replace it with :

```
agentAddress udp:127.0.0.1:161
```

by

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```
agentAddress udp:0.0.0.0:161
```

The next step is to configure the SNMP community:

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```
rocommunity read_community default
```

or rocommunity “ community name ” “ range ip (unique ip ) /subnet mask ”.

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```
rocommunity read_community 10.7.0.14/32
```

Then restart the SNMP service by typing :

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```
sudo launchctl unload /System/Library/LaunchDaemons/org.net-
snmp.snmpd.plist
sudo launchctl load -w /System/Library/LaunchDaemons/org.net-
snmp.snmpd.plist
```

# Integration into Esia

As the SNMP service on Mac OS is the same as on Linux, the esia …_SNMP_LINUX_… patterns and plugins will work on Macs.

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