

snmp

[Original file](#)

NETSHe firmware user guide

Setup to deal with external SNMP server

2018 © NETSHe Lab Ltd.

SNMP setup

SNMP configuration page is available at menu «System→Network management system integration».

SNMP subsystem allows to:

1. be polled at device address
2. to send traps or informs to specified SNMP server

Device supports SNMP protocols v1, 2 and 3. Protocols v1 and 2 may used to poll device and gather information. Protocol v3 allows to poll device as well as to send traps from device.

Configuration for SNMP v1 or 2 is very simple.

Just enable SNMP daemon, specify port for listing and read/write community string. Change hostname to be informative inside monitoring system. Then restart service or device.

Typical settings are shown in a picture below.

Additional settings

Device description / location, contact person and email may be useful to identify device inside monitoring system faster.

The screenshot shows the 'SNMP settings' page in the PacketTalk network management system. The interface includes a navigation bar with tabs for System, Network, Routes, Services, Utilities, and Diagnostic. Below the navigation bar, there are several input fields for configuring the device's SNMP settings:

- Full specified URI for NMS server : ***: (empty)
- Login**: SNMPv3User
- Password**: *****
- Device name / Hostname : ***: pt880
- Device coordinate: Latitude :** 0
- Device coordinate: Longitude :** 0
- Device description / System location :** Located at Oak road 16
- Contact person :** John Smith
- Contact email :** johnsmith@email.com

At the bottom of the form, there is a checkbox labeled 'Tick to restart service(s) after saving' which is currently unchecked, followed by a 'Save data and Register device' button.