

SNMP activation on a NEXT UPS Systems



This tutorial has been made available to the entire Esia community thanks to the contribution of our partner Rcarre.

Their website: <https://www.rcarre.com>

Via the WEB interface

To configure SNMP, go to the « Administration » menu, then to the « **SNMP** » tab. Here you can either create an SNMP V1 / V2C community, or configure an SNMP V3 access. In both cases, only a “**Read only**” privilege is required.

The screenshot shows the 'SNMP' configuration page in the Next UPS Systems web interface. The page is titled 'UPS LINE-INT NETWORK MANAGEMENT CARD III'. The 'SNMP' tab is selected in the top navigation bar. The page displays the following configuration:

Section	Item	Access	Security level	Status
SNMP V1 / V2C	Community	Access		Enabled
	ESIA	Read only		✓
	private	Read/Write		⊖
SNMP V3	Users	Access	Security level	Enabled
	readonly	Read only	Auth (SHA_256) , Priv (AES)	⊖
	readwrite	Read/Write	Auth (SHA_256) , Priv (AES)	⊖

Next, you need to configure the UPS firewall. Still in this « Administration » menu, go to the « **Firewall** » tab. In the « **SNMP** » section, for the network interface, tick the “State” box to make it “Active”. The port is normally already on 161, so all that's left to do is click on **Save**”.

The screenshot shows the 'Firewall' configuration page in the Next UPS Systems web interface. The page is titled 'UPS LINE-INT NETWORK MANAGEMENT CARD III'. The 'Firewall' tab is selected in the top navigation bar. The page displays the following configuration:

Section	Interface	State	Port	Address Filter
SSH	ETH0	Active	22	
	ETH0	Active	161	

Your UPS is now configured for SNMP polling.

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