

Activation SNMP sur un pare-feu OPNsense

Une fois connecté, vous arrivez sur le tableau de bord du pare-feu comme sur l'image ci dessous.

The screenshot shows the OPNsense dashboard with the following sections:

- Lobby:** Shows basic system information like Name (OPNsense.localdomain), Versions (OPNsense 20.1-amd64, FreeBSD 11.2-RELEASE-p16-HBSD), and Services (configd, dping, ifgroups, login, ntpd, pf, syslog-nginx, syslogd, unbound).
- Services:** A table showing service status (Status column: Online for most).
- Gateways:** A table showing gateway status (Status column: Online for both WAN_GW4 and WAN_DHCP6).
- Interfaces:** A table showing interface status (Status column: Online for LAN and WAN).

Il faut d'abord installer l'agent NET-SNMP, il faut aller dans « System » puis cliquer sur « Plugins ».

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- System:** A section with various system-related links: Access, Configuration, Firmware, Updates, Plugins (highlighted with a red box), Packages, Changelog, Settings, Reporter, Log File, Gateways, High Availability, Routes, Settings, Trust, Wizard, Log Files, Diagnostics.
- Plugins:** A section with various plugin links: 1. System Information (highlighted with a red box), 2. Updates (highlighted with a red box), CPU Type, CPU usage, Load average, Uptime, Current date/time, Last config change, State table size, MBUF Usage, Memory usage, Disk usage.
- Gateways:** A table showing gateway status (Status column: Online for both WAN_GW4 and WAN_DHCP6).
- Interfaces:** A table showing interface status (Status column: Online for LAN and WAN).

Dans la liste déroulante, chercher « os-net-snmp » et cliquer sur le petit « + » à droite.

The screenshot shows the OPNsense package manager interface. On the left is a sidebar with various system navigation links. The main area displays a table of packages. The row for 'os-net-snmp' is highlighted, and its 'Install' button is visible on the right side of the table.

Package	Version	Size	Description	Action
os-helloworld	1.3	19.1KB	A sample framework application	
os-igmp-proxy	1.5	22.4KB	IGMP-Proxy Service	
os-intrusion-detection-content-et-pro	1.0.1	4.64KB	IDS Proofpoint ET Pro ruleset (needs a valid subscription)	
os-intrusion-detection-content-pt-open	1.0	425B	IDS PT Research ruleset (only for non-commercial use)	
os-intrusion-detection-content-snort-vrt	1.1	12.4KB	IDS Snort VRT ruleset (needs registration or subscription)	
os-iperf	1.0	24.3KB	Connection speed tester	
os-l2tp	1.9	47.4KB	End of life, no replacement	
os-lcdproc-sdeclcd	1.1	629B	LCDProc for SDEC LCD devices	
os-lldpd	1.1	16.3KB	LLDP allows you to know exactly on which port is a server	
os-mail-backup	1.1	11.4KB	Send configuration file backup by e-mail	
os-maltrail	1.5	39.9KB	Malicious traffic detection system	
os-mdns-repeater	1.0	14.4KB	Proxy multicast DNS between networks	
os-munin-node	1.0	14.7KB	Munin monitor agent	
os-net-snmp	1.4	26.7KB	Net-SNMP is a daemon for the SNMP protocol	Install
os-netdata	1.0	17.0KB	Real-time performance monitoring	
os-nginx	1.19	805KB	Nginx HTTP server and reverse proxy	
os-node_exporter	1.0	17.9KB	Prometheus exporter for machine metrics	
os-nrpe	1.0_1	25.4KB	Execute nagios plugins	
os-ntopng	1.2	20.3KB	Traffic Analysis and Flow Collection	
os-nut	1.7	38.3KB	Network UPS Tools	
os-openconnect	1.4.0	22.7KB	OpenConnect Client	
os-postfix	1.14_1	138KB	SMTP mail relay	
os-pppoe	1.8	54.0KB	End of life, no replacement	
os-ptp	1.9	54.2KB	End of life, no replacement	
os-redis	1.1	68.2KB	Redis DB	

Si l'installation c'est bien passée, vous aurez ce message :

The screenshot shows the OPNsense firmware update page. The sidebar contains navigation links. The main content area has a blue header bar with the text 'Action done.' and several buttons: 'Check for updates', 'Audit now', 'Updates' (which is highlighted), 'Plugins', 'Packages', 'Changelog', and 'Settings'. Below this, there is a large text box containing configuration details for the newly installed 'os-net-snmp' package, such as make variables and configuration notes. A 'Print' icon is located at the bottom right of the text box.

Il vous faut recharger le menu de gauche, cliquer sur « lobby » par exemple.

Maintenant, allez dans le menu « Services » et dedans une nouvelle ligne est apparue «Net-SNMP ». Cliquer dessus.

Cet écran apparaît:

Services: Net-SNMP

General **SNMPv3 Users**

Enable SNMP Service

SNMP Community

SNMP Location

SNMP Contact

Layer 3 Visibility

Display Version in OID

Listen IPs

Cochez bien évidemment la case «Enable SNMP Service ». Rentrez la communauté SNMP ainsi que les informations de contact, location. Cochez également « Layer 3 Visibility ». La dernière étape consiste à rentrer les adresses IP qui seront à l'écoute. J'ai donc indiqué l'IP de mon interface «LAN» dans cet exemple.

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General **SNMPv3 Users**

Enable SNMP Service

SNMP Community

SNMP Location

SNMP Contact

Layer 3 Visibility

Display Version in OID

Listen IPs

Cliquez sur « Save » afin d'appliquer la configuration. SNMP est maintenant activé sur votre pare-feu OPNsense.

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