

# Activation SNMP sur un pare-feu PfSense

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

The screenshot shows the pfSense Status / Dashboard interface. On the left, the 'System Information' panel displays various system details:

- Name:** pfSense.locaLdomain
- User:** admin@192.168.1.21 (Local Database)
- System:** VirtualBox Virtual Machine  
Netgate Device ID: 8c528b5b2a4f25dff0b0
- BIOS:** Vendor: innotek GmbH  
Version: VirtualBox  
Release Date: Fri Dec 1 2006
- Version:** 2.4.5-RELEASE-p1 (amd64)  
built on Tue Jun 02 17:51:17 EDT 2020  
FreeBSD 11.3-STABLE
- A note states: "The system is on the latest version."
- CPU Type:** Intel(R) Core(TM) i9-9900K CPU @ 3.60GHz  
AES-NI CPU Crypto: Yes (inactive)
- Kernel PTI:** Enabled
- MDS Mitigation:** Inactive
- Uptime:** 00 Hour 13 Minutes 42 Seconds
- Current date/time:** Tue Jun 30 16:34:36 UTC 2020
- DNS server(s):** 127.0.0.1
- Last config change:** Tue Jun 30 16:24:40 UTC 2020
- State table size:** 0% (263/96000) [Show states](#)
- MBUF Usage:** 0% (1016/1000000)
- Load average:** 0.32, 0.34, 0.26
- CPU usage:** 2%
- Memory usage:** 14% of 968 MiB
- SWAP usage:** [empty bar]

On the right, the 'Netgate Services And Support' panel shows:

- A progress bar indicating "Retrieving support information" with a gear icon.
- Interfaces:**
  - WAN:** 1000baseT <full-duplex> 0.0.0.0
  - LAN:** 1000baseT <full-duplex> 192.168.1.42

Allez sur le menu service en haut au centre et dans le menu déroulant vous verrez un menu SNMP. Il faut cliquer dessus.

The screenshot shows the pfSense web interface. In the top navigation bar, the 'Services' dropdown is open, revealing a list of services including Auto Config Backup, Captive Portal, DHCP Relay, DHCP Server, DHCPv6 Relay, DHCPv6 Server & RA, DNS Forwarder, DNS Resolver, Dynamic DNS, IGMP Proxy, Load Balancer, NTP, PPPoE Server, and SNMP. The 'SNMP' option is highlighted with a red box. To the right of the main content area, there are two panels: 'Netgate Services And Support' which says 'Retrieving support information' and 'Interfaces' which lists WAN and LAN ports.

Dans le menu, cochez « Enable the SNMP Daemon and its controls ». Si vous le souhaitez, vous pouvez remplir le « system location » et le « system contact ». Changez la communauté afin de ne pas laisser « public ».

Vérifiez que tous les modules SNMP sont cochés.

Pour terminer, faites écouter l'agent SNMP sur l'interface que vous souhaitez (ici l'interface LAN).

**SNMP Daemon**

Enable  Enable the SNMP Daemon and its controls

**SNMP Daemon Settings**

Polling Port   
Enter the port to accept polling events on (default 161).

System Location

System Contact

Read Community String   
The community string is like a password, restricting access to querying SNMP to hosts knowing the community string. Use a strong value here to protect from unauthorized information disclosure.

**SNMP Traps Enable**

Enable  Enable the SNMP Trap and its controls

**SNMP Modules**

SNMP modules  MibII  
 Netgraph  
 PF  
 Host Resources  
 UCD  
 Regex

**Interface Binding**

Bind Interfaces   
 LAN

 Save

Cliquez sur "save" et attendez d'avoir le message de chargement du démon SNMP. L'agent SNMP de votre Pfsense est maintenant activé

Attention à vérifier les règles de pare-feu sur votre Pfsense.

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