

# 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.

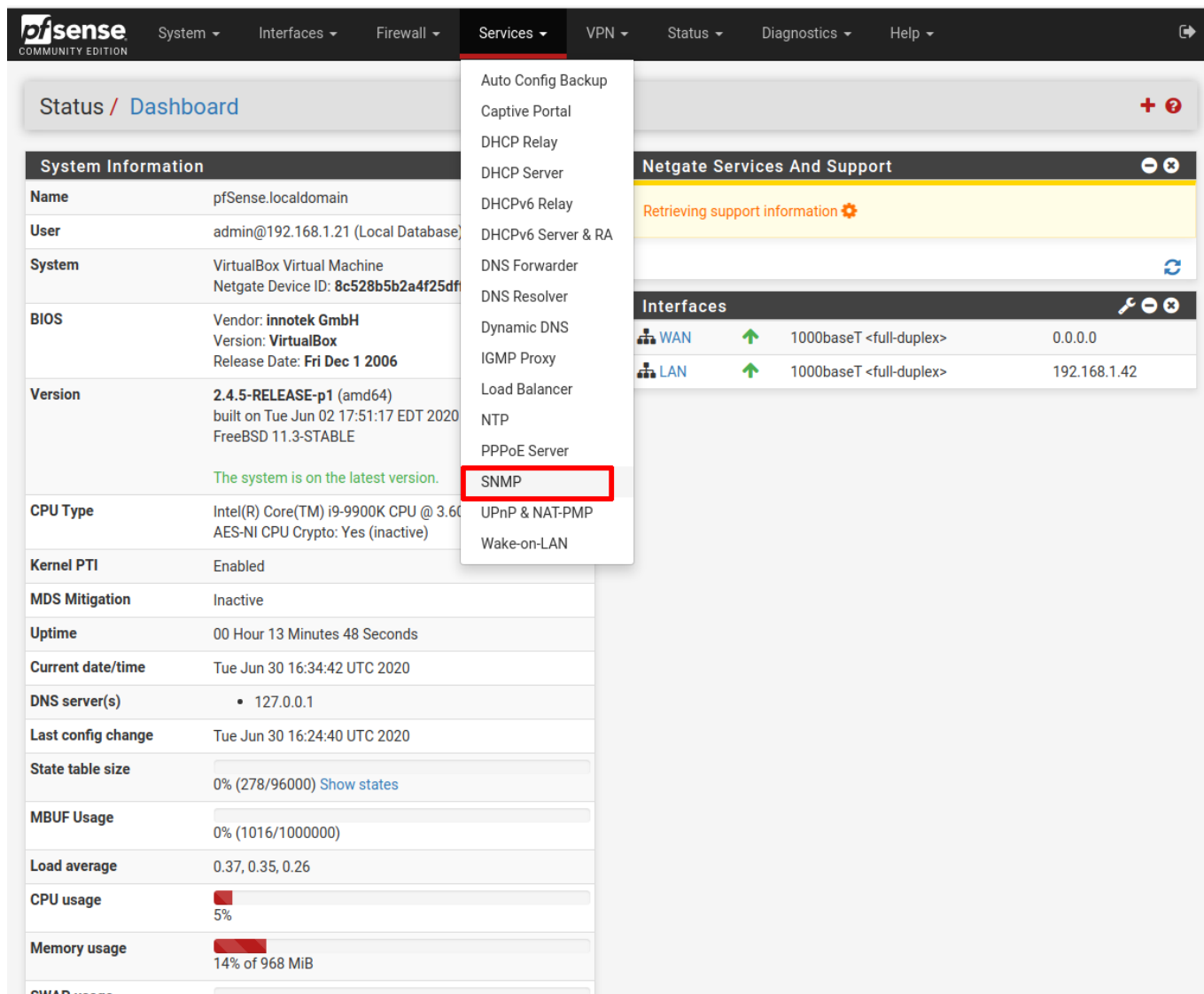
The screenshot displays the pfSense Community Edition dashboard. The top navigation bar includes links for System, Interfaces, Firewall, Services, VPN, Status, Diagnostics, and Help. The main content area is divided into two columns. The left column, titled 'System Information', contains a table with various system details. The right column, titled 'Netgate Services And Support', shows a message about retrieving support information and a section for 'Interfaces' listing WAN and LAN ports.

System Information	
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  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) <a href="#">Show states</a>
MBUF Usage	0% (1016/1000000)
Load average	0.32, 0.34, 0.26
CPU usage	2%
Memory usage	14% of 968 MiB
SWAP usage	

Netgate Services And Support			
Retrieving support information			

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. The top navigation bar includes 'System', 'Interfaces', 'Firewall', 'Services', 'VPN', 'Status', 'Diagnostics', and 'Help'. The 'Services' menu is open, displaying a list of services. 'SNMP' is highlighted with a red rectangle. The main content area is divided into two panels. The left panel, titled 'Status / Dashboard', contains a 'System Information' table and a 'Services' section. The 'System Information' table lists details such as Name (pfSense.localdomain), User (admin@192.168.1.21), System (VirtualBox Virtual Machine), BIOS (Vendor: innotek GmbH, Version: VirtualBox, Release Date: Fri Dec 1 2006), Version (2.4.5-RELEASE-p1), CPU Type (Intel(R) Core(TM) i9-9900K CPU @ 3.60GHz), Kernel PTI (Enabled), MDS Mitigation (Inactive), Uptime (00 Hour 13 Minutes 48 Seconds), Current date/time (Tue Jun 30 16:34:42 UTC 2020), DNS server(s) (127.0.0.1), Last config change (Tue Jun 30 16:24:40 UTC 2020), State table size (0% (278/96000)), MBUF Usage (0% (1016/1000000)), Load average (0.37, 0.35, 0.26), CPU usage (5%), and Memory usage (14% of 968 MiB). The 'Services' section shows a list of services with checkboxes for enabling them. The right panel, titled 'Netgate Services And Support', contains a 'Retrieving support information' message and an 'Interfaces' table. The 'Interfaces' table lists the WAN and LAN interfaces with their respective IP addresses and speeds.

System Information	
Name	pfSense.localdomain
User	admin@192.168.1.21 (Local Database)
System	VirtualBox Virtual Machine Netgate Device ID: 8c528b5b2a4f25df
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  The system is on the latest version.
CPU Type	Intel(R) Core(TM) i9-9900K CPU @ 3.60GHz AES-NI CPU Crypto: Yes (inactive)
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Load average	0.37, 0.35, 0.26
CPU usage	5%
Memory usage	14% of 968 MiB

Interfaces	
WAN	1000baseT <full-duplex> 0.0.0.0
LAN	1000baseT <full-duplex> 192.168.1.42

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**

All  
LAN  
Localhost

 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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