

# PFsense

## 1. Installation

Une fois l'iso installé, pfsense nous demande de configurer les interfaces.

Ont assignent à chaque interfaces un nom :

```
0) Logout (SSH only)          9) pfTop
1) Assign Interfaces          10) Filter Logs
2) Set interface(s) IP address 11) Restart webConfigurator
3) Reset webConfigurator password 12) PHP shell + pfSense tools
4) Reset to factory defaults  13) Update from console
5) Reboot system             14) Disable Secure Shell (sshd)
6) Halt system               15) Restore recent configuration
7) Ping host                 16) Restart PHP-FPM
8) Shell
```

Enter an option: **1**

Valid interfaces are:

```
vtnet0 e6:b1:77:63:9b:04 (up) VirtIO Networking Adapter
vtnet1 9e:e3:cf:36:6c:a4 (up) VirtIO Networking Adapter
vtnet2 fe:05:1c:44:2a:f7 (up) VirtIO Networking Adapter
```

Do VLANs need to be set up first?

If VLANs will not be used, or only for optional interfaces, it is typical to say no here and use the webConfigurator to configure VLANs later, if required.

Should VLANs be set up now [y|n]? **n**

Enter the WAN interface name or 'a' for auto-detection

(vtnet0 vtnet1 vtnet2 or a): **vtnet0**

Enter the LAN interface name or 'a' for auto-detection

NOTE: this enables full Firewalling/NAT mode.

(vtnet1 vtnet2 a or nothing if finished): **vtnet1**

Optional interface 1 description found: DMZ

Enter the Optional 1 interface name or 'a' for auto-detection

(vtnet2 a or nothing if finished): **vtnet2**

```
The interfaces will be assigned as follows:
```

```
WAN -> vtnet0
```

```
LAN -> vtnet1
```

```
OPT1 -> vtnet2
```

```
Do you want to proceed [y|n]? y
```

On configure ensuite une ip pour la gestion web :

```
Enter an option: 2
```

```
Available interfaces:
```

```
1 - WAN (vtnet0 - static)
```

```
2 - LAN (vtnet1 - static)
```

```
3 - DMZ (vtnet2)
```

```
Enter the number of the interface you wish to configure: 2
```

```
Enter the new LAN IPv4 address. Press <ENTER> for none:
```

```
> <@IP>
```

```
Enter the new LAN IPv4 subnet bit count (1 to 31):
```

```
> <MasqueCIDR>
```

```
For a WAN, enter the new LAN IPv4 upstream gateway address.
```

```
For a LAN, press <ENTER> for none:
```

```
> [ @IPpasserelle ]
```

```
Enter the new LAN IPv6 address. Press <ENTER> for none:
```

```
>
```

```
Do you want to enable the DHCP server on LAN? (y/n) n
```

```
Disabling IPv4 DHCPD...
```

```
Disabling IPv6 DHCPD...
```

```
Do you want to revert to HTTP as the webConfigurator protocol? (y/n) n
```

```
Please wait while the changes are saved to LAN...
```

```
Reloading filter...
```

```
Reloading routing configuration...
```

```
DHCPD...
```

```
The IPv4 LAN address has been set to 192.168.14.254/24
```

You can now access the webConfigurator by opening the following URL in your web browser:  
`https://192.168.14.254/`

## 2. Interface de gestion

L'interface web de gestion est disponible par l'interface LAN via l'ip défini précédemment.

**https://<IpServeur>**

Identifiant par défaut :

- id: admin
- mdp: pfsense



[Login to pfSense](#)

A screenshot of the pfSense login page. The background is a solid dark blue. In the center, the text 'SIGN IN' is displayed in white, uppercase letters. Below this, there are two input fields: the first is labeled 'Username' and the second is labeled 'Password', both in a light blue, italicized font. Each label is positioned to the left of a horizontal white line representing the input field. Below the password field, there is a green rectangular button with the text 'SIGN IN' in white, uppercase letters.