maquette marseille

maquette toulouse
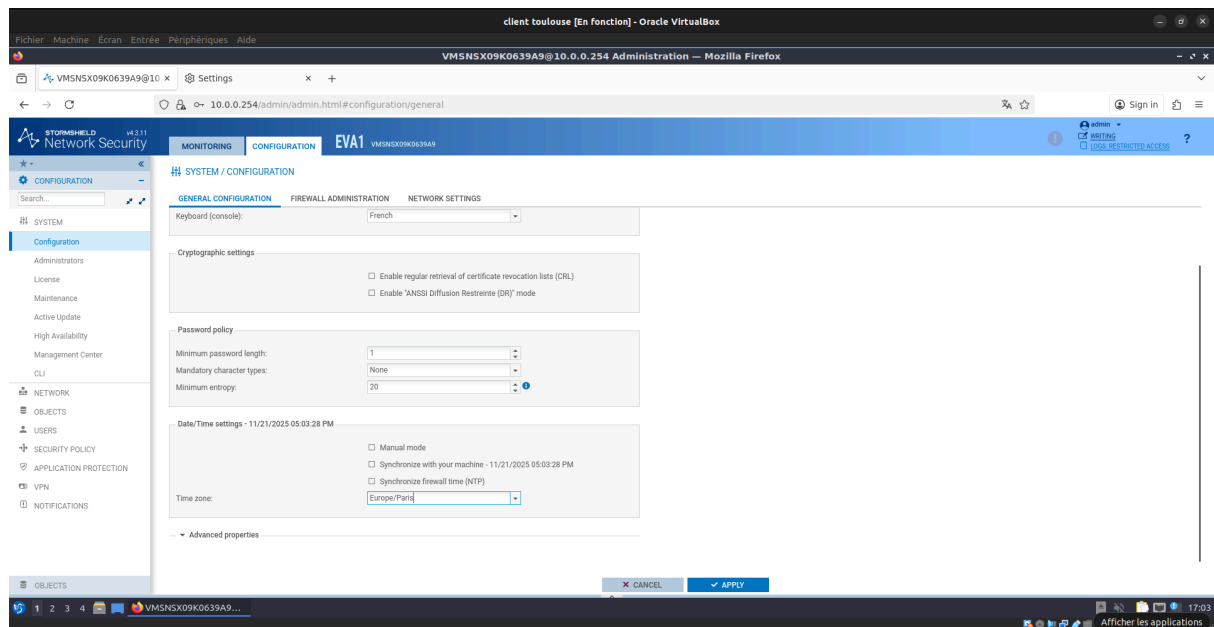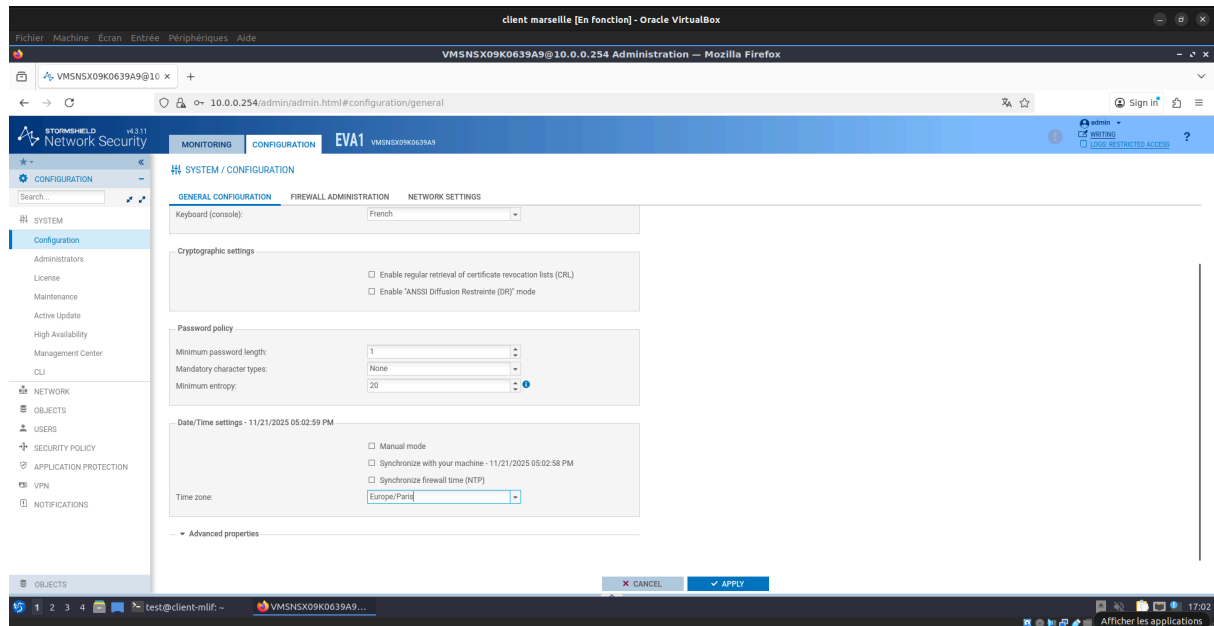
heure francaise mis sur les deux sns

ip in marseille

Address range

Address range:	○ Address range inherited from the bridge ⦿ Dynamic / Static
IPv4 address:	○ Dynamic IP (obtained by DHCP) ⦿ Fixed IP (static)

+ Add   ✕ Delete

Address/ Mask	Comments
192.168.50.254/24	

[Apply] [Cancel]

ip toulouse

Address range

Address range:	○ Address range inherited from the bridge ⦿ Dynamic / Static
IPv4 address:	○ Dynamic IP (obtained by DHCP) ⦿ Fixed IP (static)

+ Add   ✕ Delete

Address/ Mask	Comments
82.10.20.2/30	

out marseille

Address range

Address range:	○ Address range inherited from the bridge ⦿ Dynamic / Static
IPv4 address:	○ Dynamic IP (obtained by DHCP) ⦿ Fixed IP (static)

+ Add   ✕ Delete

Address/ Mask	Comments
82.10.20.1/30	

[Apply] [Cancel]

out toulouse

VPN / IPSEC VPN

ENCRYPTION POLICY - TUNNELS | PEERS | IDENTIFICATION | ENCRYPTION PROFILES

IPsec 01 (01) ▾ | ≡ Actions ▾ | ⓘ | Deactivate policy

SITE TO SITE (GATEWAY-GATEWAY) | MOBILE - MOBILE USERS

🔍 Enter a filter | + Add ▾ | ✕ Delete | ⬆ Up | ⬇ Down | Cut | Copy | Paste | 👁 Show details | Search in logs | Search in monitoring

	Status	≡▾	Local network	Peer	Remote network	Encryption profile	Keep alive	Comments
1	off		Network_in	Site_Gw-Marseille	Lan-marseille	StrongEncryption		Originally created on 2025-11-28 17:11:22 by...

SECURITY POLICY / FILTER - NAT

(1) Block all ▾ | Edit ▾ | Export | ⓘ

FILTERING | NAT

Searching... | + New rule ▾ | ✕ Delete | ⬆ | ⬇ | Cut | Copy | Paste | Search in logs | Search in monitoring | ≡ ▾

		Status	Action	≡▾	Source	Destination	Dest. port	Protocol	Security inspection ≡▾	Comments
⊟ Remote Management: Go to System - Configuration to setup the web administration application access (contains 2 rules, from 1 to 2)										
1		on	pass		Any	firewall_all	firewall_srv https		IPS	Admin from everywhere
2		on	pass		Any	firewall_all	Any	icmp (Echo reques	IPS	Allow Ping from everywhere
⊟ politique vpn (contains 2 rules, from 3 to 4)										
3		on	pass		Network_in	Lan-marseille	Any		IPS	Created on 2025-11-28 17:23:35,by admin (192.168.50.1)
4		on	pass		Lan-marseille	Network_in	Any		IPS	Created on 2025-11-28 17:22:31,by admin (192.168.50.1)
⊟ Default policy - Updated on 2025-11-28 17:21:15 by admin (192.168.50.1) (contains 1 rules, from 5 to 5)										
5		on	block		Any	Any	Any		IPS	Block all

SECURITY POLICY / FILTER - NAT

(1) Block all ▾ | Edit ▾ | Export | ⓘ

FILTERING | NAT

Searching... | + New rule ▾ | ✕ Delete | ⬆ | ⬇ | Cut | Copy | Paste | Search in logs | Search in monitoring | ≡ ▾

		Status	Action	≡▾	Source	Destination	Dest. port	Protocol	Security inspection ≡▾	Comments
⊟ Remote Management: Go to System - Configuration to setup the web administration application access (contains 2 rules, from 1 to 2)										
1		on	pass		Any	firewall_all	firewall_srv https		IPS	Admin from everywhere
2		on	pass		Any	firewall_all	Any	icmp (Echo reques	IPS	Allow Ping from everywhere
⊟ politique vpn (contains 2 rules, from 3 to 4)										
3		on	pass		Network_in	Lan-Toulouse	Any		IPS	Created on 2025-11-28 17:30:16,by admin (192.168.80.1)
4		on	pass		Lan-Toulouse	Network_in	Any		IPS	Created on 2025-11-28 17:30:14,by admin (192.168.80.1)
⊟ Default policy - Updated on 2025-11-28 17:29:52 by admin (192.168.80.1) (contains 1 rules, from 5 to 5)										
5		on	block		Any	Any	Any		IPS	Block all

client toulouse [En fonction] - Oracle VirtualBox

Fichier Machine Écran Entrée Périphériques Aide

test@client-mlif: ~

Fichier Actions Éditer Vue Aide

```
        inet 127.0.0.1/8 scope host lo
           valid_lft forever preferred_lft forever
        inet6 ::1/128 scope host
           valid_lft forever preferred_lft forever
2: enp0s3: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default q
len 1000
        link/ether 08:00:27:15:af:f6 brd ff:ff:ff:ff:ff:ff
        inet 192.168.50.1/24 brd 192.168.50.255 scope global noprefixroute enp0s3
           valid_lft forever preferred_lft forever
        inet6 fe80::4bf2:b0ee:dcec:2eed/64 scope link noprefixroute
           valid_lft forever preferred_lft forever
test@client-mlif:~$ ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
        link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
        inet 127.0.0.1/8 scope host lo
           valid_lft forever preferred_lft forever
        inet6 ::1/128 scope host
           valid_lft forever preferred_lft forever
2: enp0s3: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default q
len 1000
        link/ether 08:00:27:15:af:f6 brd ff:ff:ff:ff:ff:ff
        inet 192.168.50.1/24 brd 192.168.50.255 scope global noprefixroute enp0s3
           valid_lft forever preferred_lft forever
        inet6 fe80::4bf2:b0ee:dcec:2eed/64 scope link noprefixroute
           valid_lft forever preferred_lft forever
test@client-mlif:~$ ping 192.168.80.1
PING 192.168.80.1 (192.168.80.1) 56(84) bytes of data.
64 bytes from 192.168.80.1: icmp_seq=1 ttl=64 time=2.27 ms
64 bytes from 192.168.80.1: icmp_seq=2 ttl=64 time=2.37 ms
64 bytes from 192.168.80.1: icmp_seq=3 ttl=64 time=2.58 ms
64 bytes from 192.168.80.1: icmp_seq=4 ttl=64 time=2.90 ms
64 bytes from 192.168.80.1: icmp_seq=5 ttl=64 time=3.70 ms
64 bytes from 192.168.80.1: icmp_seq=6 ttl=64 time=3.06 ms
64 bytes from 192.168.80.1: icmp_seq=7 ttl=64 time=2.27 ms
^C
--- 192.168.80.1 ping statistics ---
7 packets transmitted, 7 received, 0% packet loss, time 6008ms
rtt min/avg/max/mdev = 2.271/2.734/3.698/0.485 ms
test@client-mlif:~$
```

Administration — Mozilla Firefox

Sign in

admin

WRITING
LOGS RESTRICTED ACCESS

Local ID	Remote gateway	Peer ID	Remote traffic endpoint
82.10.20.1	Gw-Marseille	82.10.20.2	Lan-marseille
	localhost		any

1 2 3 4   sns-toulouse@192.16...   test@client-mlif: ~   16:40   Afficher les applications

---

client marseille [En fonction] - Oracle VirtualBox

Fichier Machine Écran Entrée Périphériques Aide

test@client-mlif: ~

Fichier Actions Éditer Vue Aide

```
64 bytes from 192.168.50.1: icmp_seq=55 ttl=64 time=2.74 ms
64 bytes from 192.168.50.1: icmp_seq=56 ttl=64 time=2.41 ms
64 bytes from 192.168.50.1: icmp_seq=57 ttl=64 time=3.07 ms
64 bytes from 192.168.50.1: icmp_seq=58 ttl=64 time=2.07 ms
64 bytes from 192.168.50.1: icmp_seq=59 ttl=64 time=2.91 ms
64 bytes from 192.168.50.1: icmp_seq=60 ttl=64 time=2.43 ms
64 bytes from 192.168.50.1: icmp_seq=61 ttl=64 time=2.46 ms
64 bytes from 192.168.50.1: icmp_seq=62 ttl=64 time=3.12 ms
64 bytes from 192.168.50.1: icmp_seq=63 ttl=64 time=3.00 ms
64 bytes from 192.168.50.1: icmp_seq=64 ttl=64 time=2.72 ms
64 bytes from 192.168.50.1: icmp_seq=65 ttl=64 time=3.17 ms
64 bytes from 192.168.50.1: icmp_seq=66 ttl=64 time=3.04 ms
64 bytes from 192.168.50.1: icmp_seq=67 ttl=64 time=3.70 ms
64 bytes from 192.168.50.1: icmp_seq=68 ttl=64 time=3.18 ms
64 bytes from 192.168.50.1: icmp_seq=69 ttl=64 time=3.50 ms
64 bytes from 192.168.50.1: icmp_seq=70 ttl=64 time=3.28 ms
64 bytes from 192.168.50.1: icmp_seq=71 ttl=64 time=3.34 ms
64 bytes from 192.168.50.1: icmp_seq=72 ttl=64 time=3.53 ms
64 bytes from 192.168.50.1: icmp_seq=73 ttl=64 time=2.79 ms
64 bytes from 192.168.50.1: icmp_seq=74 ttl=64 time=2.75 ms
64 bytes from 192.168.50.1: icmp_seq=75 ttl=64 time=4.07 ms
64 bytes from 192.168.50.1: icmp_seq=76 ttl=64 time=3.07 ms
64 bytes from 192.168.50.1: icmp_seq=77 ttl=64 time=2.72 ms
64 bytes from 192.168.50.1: icmp_seq=78 ttl=64 time=3.23 ms
64 bytes from 192.168.50.1: icmp_seq=79 ttl=64 time=2.64 ms
64 bytes from 192.168.50.1: icmp_seq=80 ttl=64 time=2.03 ms
64 bytes from 192.168.50.1: icmp_seq=81 ttl=64 time=2.95 ms
64 bytes from 192.168.50.1: icmp_seq=82 ttl=64 time=3.13 ms
64 bytes from 192.168.50.1: icmp_seq=83 ttl=64 time=2.68 ms
64 bytes from 192.168.50.1: icmp_seq=84 ttl=64 time=2.31 ms
64 bytes from 192.168.50.1: icmp_seq=85 ttl=64 time=2.86 ms
64 bytes from 192.168.50.1: icmp_seq=86 ttl=64 time=2.93 ms
64 bytes from 192.168.50.1: icmp_seq=87 ttl=64 time=2.39 ms
64 bytes from 192.168.50.1: icmp_seq=88 ttl=64 time=3.77 ms
^C
--- 192.168.50.1 ping statistics ---
88 packets transmitted, 74 received, 15.9091% packet loss, time 87419ms
rtt min/avg/max/mdev = 2.025/2.954/4.135/0.437 ms
test@client-mlif:~$
```

Administration — Mozilla Firefox

Sign in

admin

WRITING
LOGS RESTRICTED ACCESS

Local ID	Remote gateway	Peer ID	Remote traffic endpoint
82.10.20.2	GW-Toulouse	82.10.20.1	Lan-Toulouse
	localhost		any

1 2 3 4   sns-marseille@192.16...   test@client-mlif: ~   16:40   Afficher les applications

CREATE ROOT AUTHORITY

CERTIFICATION AUTHORITY PROPERTIES

CN: fw-toulouse

Identifier: fw-toulouse

Autority attributes

Organization:	mlif
Organizational unit:	mlif
City (L):	Toulouse
State (ST):	occitanie
Country:	France ▼

✕ CANCEL   « PREVIOUS   » NEXT

6

CREATE ROOT AUTHORITY

CERTIFICATION AUTHORITY PROPERTIES

Certification authority password

Passphrase (8 chars min.):	●●●●●●●●●
Confirm password:	●●●●●●●●●

Fair

Mail:	
Validity (days):	3650
Type de clé:	RSA
Key size (bits):	4096

✕ CANCEL   « PREVIOUS   » NEXT

DETAILS   REVOCATION (CRL)   CERTIFICATE PROFILES

Validity

Issued:	Nov 21 16:47:30 2025 GMT
Expires:	Nov 26 16:47:30 2035 GMT

Issued for

Subject:	C=FR,ST=Occitanie,L=France,O=Mlif,OU=Mlif,CN=Fw-toulouse
Common Name:	Fw-toulouse
Organization Name:	Mlif
Organization Unit Name:	Mlif
Locality Name:	France
State Or Province Name:	Occitanie
Country Name:	FR
Email Address:	
Subject hash:	e012b413

Issuer

Issuer:	C=FR,ST=Occitanie,L=France,O=Mlif,OU=Mlif,CN=Fw-toulouse
Common Name:	Fw-toulouse

7

CREATE A SERVER IDENTITY

IDENTITY OPTIONS - CREATION WIZARD

Fully Qualified Domain Name (FQDN):	fw-toulouse.mlif.local
ID:	fw-toulouse.mlif.local

✕ CANCEL   **« PREVIOUS**   **» NEXT**

CREATE A SERVER IDENTITY

IDENTITY OPTIONS - CREATION WIZARD

Select the parent Autority

Parent CA:	Fw-toulouse ▼ ×
CA passphrase:	●●●●●●●●●

Autority attributes

Organization:	Mlif
Organizational unit:	Mlif
City (L):	France
State (ST):	Occitanie
Country:	France ▼

✕ CANCEL   « PREVIOUS   » NEXT

CREATE A SERVER IDENTITY

IDENTITY OPTIONS - CREATION WIZARD

Validity (days):	365
Type de clé:	RSA
Key size (bits):	2048

✕ CANCEL   « PREVIOUS   » NEXT

CREATE A SERVER IDENTITY

SUMMARY

Finish this wizard in order to create the server identity below

Name:	fw-toulouse.mlif.local
Identifier:	fw-toulouse.mlif.local
Parent authority:	Fw-toulouse
Organization:	Mlif
Organizational unit:	Mlif
City (L):	France
State (ST):	Occitanie
Country:	FR
Type de clé:	RSA
Key size:	2048

Valid until **Sat Nov 28 2026 16:48:48 GMT+0100 (Central European Standard Time)** (365 days)

✕ CANCEL   « PREVIOUS   ✓ FINISH

10

MONITORING | CONFIGURATION

Q Enter a filter | Filter: all | + Add | X Revoke | Actions | Download | Check usage | ⚠ Configuration check CRL automatic

- sslvpn-full-default-authority
- SSL proxy default authority
- Fw-toulouse
  - fw-toulouse.mlif.local

DETAILS | REVOCATION (CRL) | CERTIFICATE PROFILES

Validity

Issued:	Nov 27 16:52:01 2025 GMT
Expires:	Nov 28 16:52:01 2026 GMT

Issued for

Subject:	C=FR,ST=Occitanie,L=France,O=Mlif,OU=Mlif,CN=fw-toulouse.mlif.local
Common Name:	fw-toulouse.mlif.local
Organization Name:	Mlif
Organization Unit Name:	Mlif
Locality Name:	France
State Or Province Name:	Occitanie
Country Name:	FR
Email Address:	
Subject hash:	a971af60

Issuer

Issuer:	C=FR,ST=Occitanie,L=France,O=Mlif,OU=Mlif,CN=Fw-toulouse
Common Name:	Fw-toulouse

DETAILS REVOCATION (CRL) CERTIFICATE PROFILES

Validity

CREATE A SERVER IDENTITY

IDENTITY OPTIONS - CREATION WIZARD

Fully Qualified Domain Name (FQDN):	Fw-marseille.mlif.local
ID:	Fw-marseille.mlif.local

✕ CANCEL   « PREVIOUS   » NEXT

Country Name:	FR
Email Address:	
Subject hash:	00136e81

CREATE A SERVER IDENTITY

IDENTITY OPTIONS - CREATION WIZARD

Select the parent Autority

Parent CA:	FW-Marseille ▼ ✕
CA passphrase:	●●●●●●●●●

Autority attributes

Organization:	Mlif
Organizational unit:	Mlif
City (L):	Marseille
State (ST):	Occitanie
Country:	France ▼

✕ CANCEL   « PREVIOUS   » NEXT

CREATE A SERVER IDENTITY

SUMMARY

Finish this wizard in order to create the server identity below

Name:	Fw-marseille.mlif.local
Identifier:	Fw-marseille.mlif.local
Parent authority:	FW-Marseille
Organization:	Mlif
Organizational unit:	Mlif
City (L):	Marseille
State (ST):	Occitanie
Country:	FR
Type de clé:	RSA
Key size:	2048

Valid until **Sat Nov 28 2026 16:57:45 GMT+0100 (Central European Standard Time)** (365 days)

✕ CANCEL   « PREVIOUS   ✓ FINISH

Issuer

13
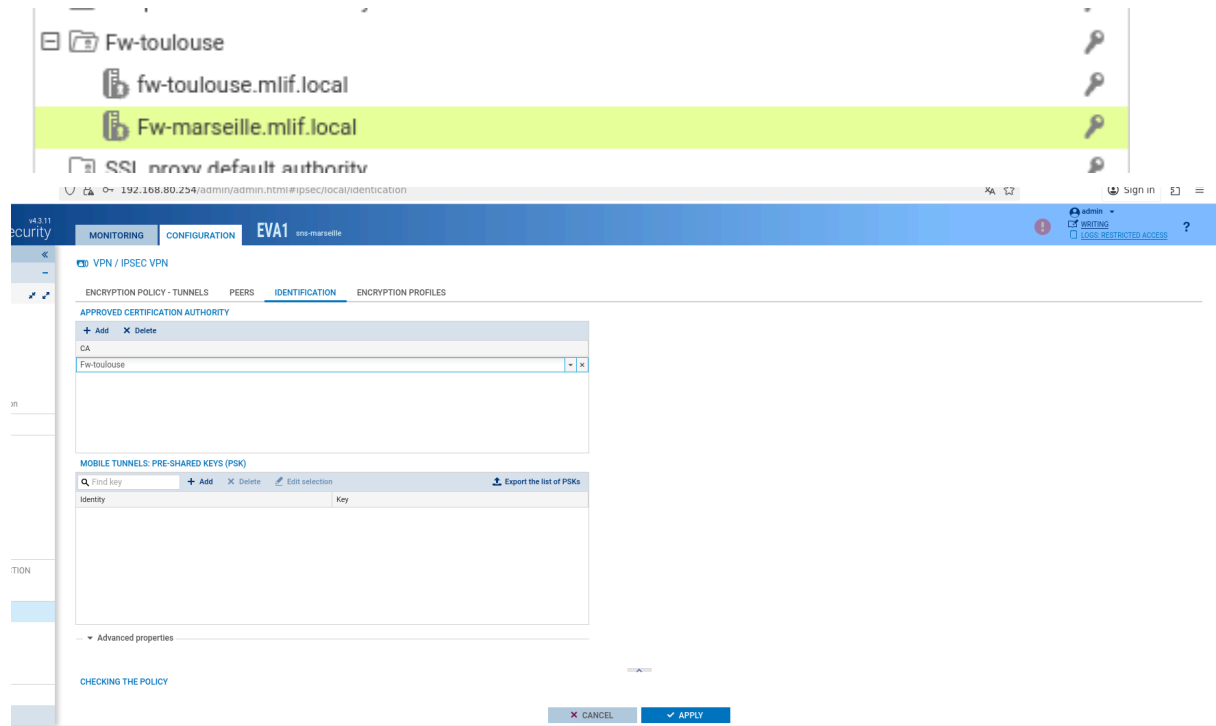
effectué sur les 2 machine

Identification

Authentication method:	Certificate ▾
Certificate:	Fw-toulouse:fw-toulouse.mlif.local ▾ ✕
Local ID:	Enter an ID (optional)
Peer ID:	Enter an ID (optional)
Pre-shared key (PSK):	●●●●●●●●●●● ✕ 🔑 Edit

▾ Advanced properties

CREATE ROOT AUTHORITY

SUMMARY

Finish this wizard in order to create the Authority identity below

Name:	Fw-Marseille
Identifier:	Fw-Marseille
Organization:	MLIF
Organizational unit:	MLIF
City (L):	Marseille
State (ST):	rhones alpes
Country:	FR
E-mail address (E):	
Type de clé:	RSA
Key size:	4096

Valid until **Fri Nov 30 2035 08:37:11 GMT+0100 (Central European Standard Time)** (3650 days)

✕ CANCEL   « PREVIOUS   ✓ FINISH

IDENTITY OPTIONS - CREATION WIZARD

Select the parent Autority

Parent CA:	Fw-Marseille ▼ ✕
CA passphrase:	●●●●●●●● 🔧

Autority attributes

Organization:	MLIF
Organizational unit:	MLIF
City (L):	Marseille
State (ST):	Occitanie
Country:	France ▼

✕ CANCEL   « PREVIOUS   » NEXT

CREATE A SERVER IDENTITY

SUMMARY

Finish this wizard in order to create the server identity below

Name: Fw-Marseille.mlif.local

Identifier: Fw-Marseille.mlif.local

Parent authority: Fw-Marseille

Organization: MLIF

Organizational unit: MLIF

City (L): Marseille

State (ST): Occitanie

Country: FR

Type de clé: RSA

Key size: 2048

Valid until **Wed Dec 02 2026 08:39:47 GMT+0100 (Central European Standard Time)** (365 days)

✕ CANCEL   « PREVIOUS   ✓ FINISH

Authorities   Certificates   Revocation

Search

| Search term				
		Both ⌄	🔍 Search	↺ Clear

Enter a search string or *nix regular expression to search certificate names and distinguished names.

Certificate Authorities

Name	Internal	Issuer	Certificates	Distinguished Name	In Use	Actions
CA-VPNSSL	✔	self-signed	2	ST=IDF, OU=COMMERCIAUX, O=MLIF, L=PARIS, CN=CA-VPNSSL, C=FR ℹ️ Valid From: **Wed, 03 Dec 2025 14:01:14 +0100** Valid Until: **Sat, 01 Dec 2035 14:01:14 +0100**		✏️🌐🔑↻🗑️

Certificates

Name	Issuer	Distinguished Name	In Use	Actions
webConfigurator default (640991c5c0c8c) *Server Certificate* CA: **No** Server: **Yes**	*self-signed*	O=pfSense webConfigurator Self-Signed Certificate, CN=pfSense-640991c5c0c8c ℹ️ Valid From: **Thu, 09 Mar 2023 08:59:01 +0100** Valid Until: **Wed, 10 Apr 2024 09:59:01 +0200**		✏️✹🔑🗄️🔄🗑️
Certificat-JHON-DOE *User Certificate* CA: **No** Server: **No**	*external*	ST=IDF, OU=COMMERCIAUX, O=MLIF, L=Paris, CN=b2b.mlif.local, C=FR ℹ️ Valid From: **Tue, 02 Dec 2025 10:17:05 +0100** Valid Until: **Fri, 30 Nov 2035 10:17:05 +0100**		✏️✹🔑🗄️🗑️
CERT-SRV-VPN *User Certificate* CA: **No** Server: **No**	*external*	ST=IDF, OU=COMMERCIAUX, O=MLIF, L=Paris, CN=srv-vpn.mlif.local, C=FR ℹ️ Valid From: **Wed, 03 Dec 2025 13:59:28 +0100** Valid Until: **Sat, 01 Dec 2035 13:59:28 +0100**		✏️✹🔑🗄️🗑️

➕ Add/Sign

The curve from the server certificate is used by default when the server uses an ECDSA certificate. Otherwise, secp384r1 is used as a fallback.

```
AES-192-OFB (192 bit key, 128 bit block)
AES-192-CFB1 (192 bit key, 128 bit block)
AES-192-CFB8 (192 bit key, 128 bit block)
AES-192-GCM (192 bit key, 128 bit block)
AES-192-OFB (192 bit key, 128 bit block)
AES-256-CBC (256 bit key, 128 bit block)
AES-256-CFB (256 bit key, 128 bit block)
AES-256-CFB1 (256 bit key, 128 bit block)
AES-256-CFB8 (256 bit key, 128 bit block)
AES-256-GCM (256 bit key, 128 bit block)
AES-256-OFB (256 bit key, 128 bit block)
```

```
AES-128-CBC
AES-128-GCM
AES-256-CBC
```

Available Data Encryption Algorithms
Click to add or remove an algorithm from the

Allowed Data Encryption Algorithms. Click
an algorithm name to remove it from the list

Filaire

Annuler   **Ajouter un VPN**   **Ajouter**

Identité   **IPv4**   **IPv6**

Nom   VPN 1

Général

Passerelle   172.17.123.46

Authentification

Type   Certificats (TLS)   ⌄

Certificat CA   CA-VPNSSL.crt

Certificat Utilisateur   CERT-JHON-DOE.crt

Clé privée Utilisateur   CERT-JHON-DOE.key

Mot de passe de la clé Utilisateur

☐ Afficher les mots de passe

⚙ Advanced...