

# Application de licences permanentes dans les réseaux à répartition d'air sur FDM

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## Introduction

Ce document décrit comment appliquer des licences permanentes dans des réseaux à air libre sur Firepower Device Manager (FDM).

## Conditions préalables

### Exigences

Il est recommandé d'avoir des connaissances sur ce sujet :

- Configuration initiale de Cisco Secure Firewall Threat Defense

### Composants utilisés

Les informations contenues dans ce document sont basées sur la version du logiciel :

- Firepower Threat Defense version 7.4.1.

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. Si votre réseau est en ligne, assurez-vous de bien comprendre l'incidence possible des commandes.

# Configurer

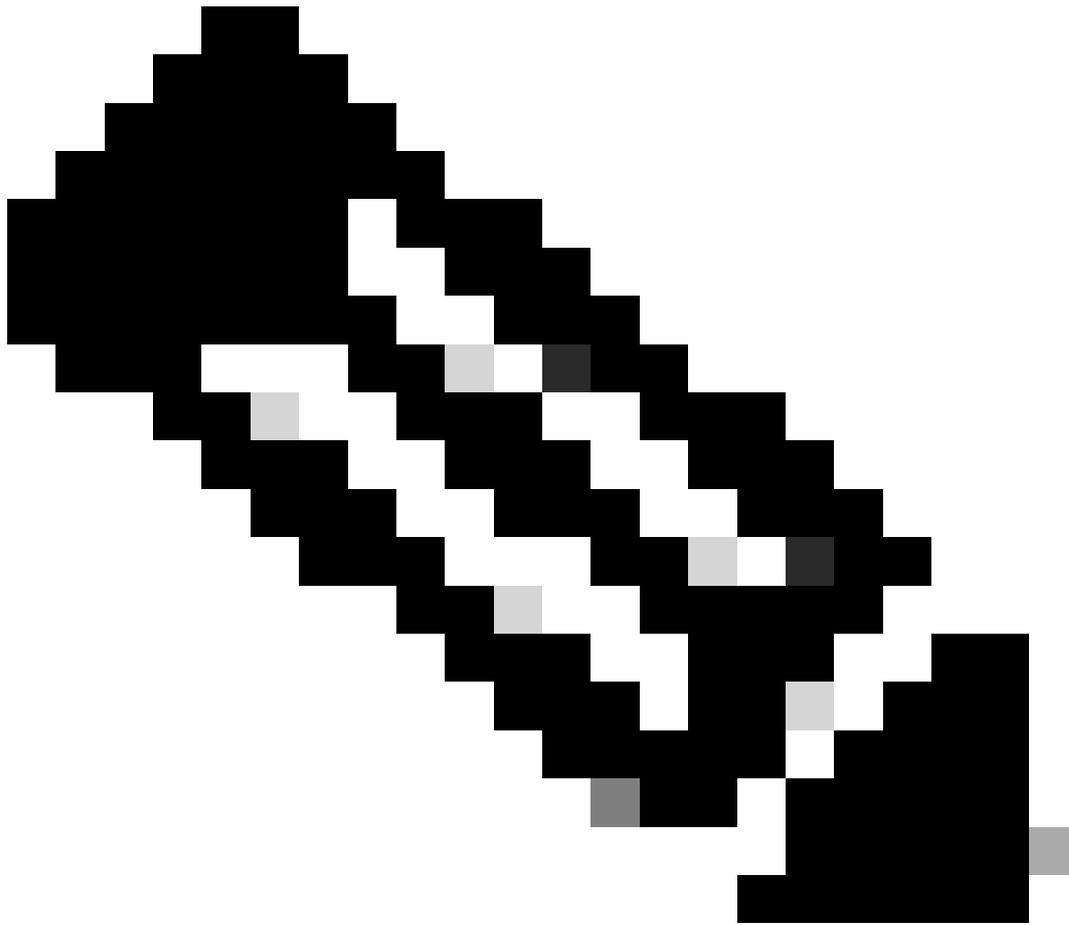
## Activer le mode PLR

Étape 1. Activez le mode PLR sur votre périphérique.

Cliquez sur Device et accédez à Smart License.

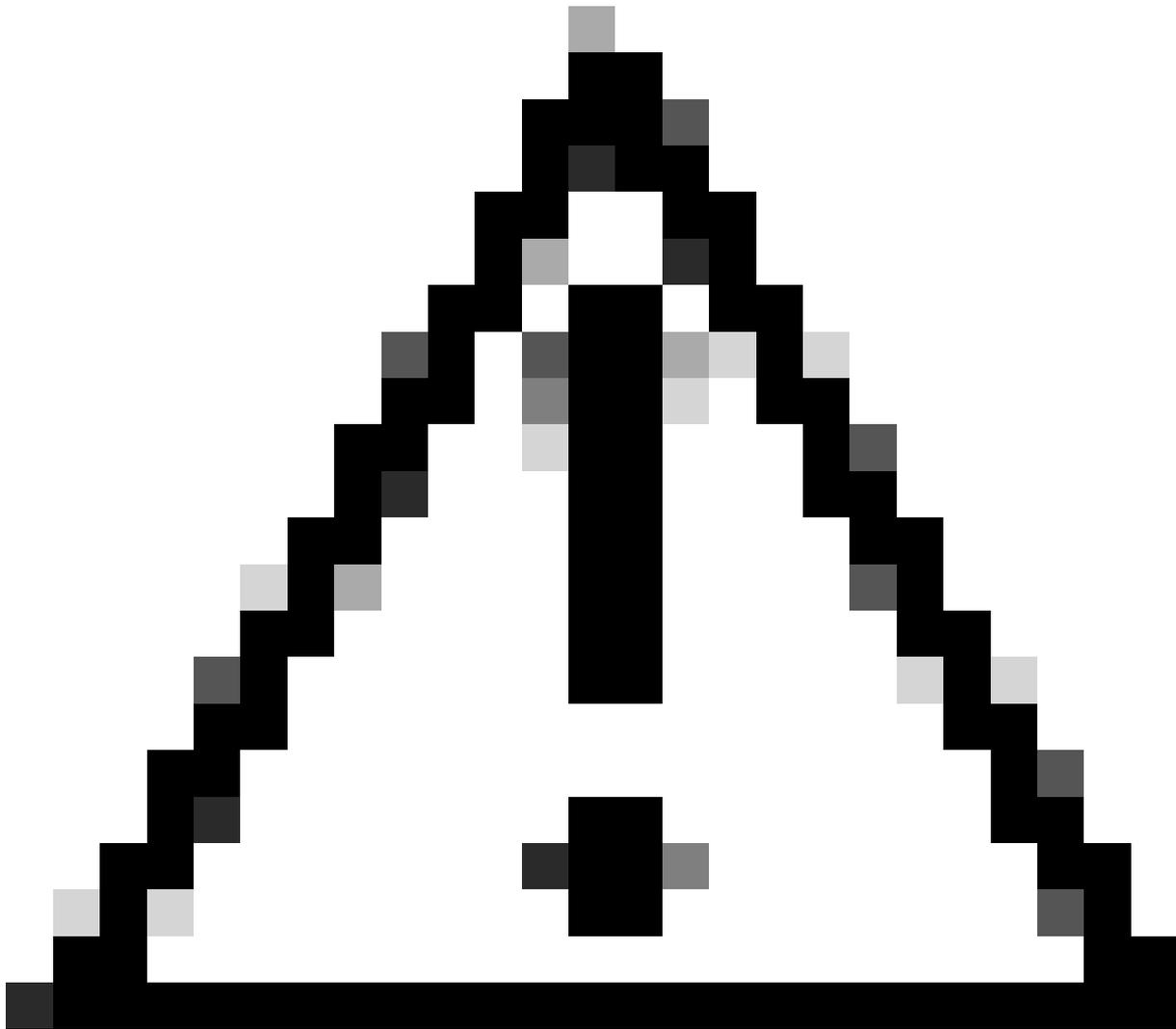
The screenshot shows the Cisco Firepower Device Manager (FDM) interface. The top navigation bar includes 'Firewall Device Manager', 'Monitoring', 'Policies', 'Objects', and 'Device: firepower' (highlighted with a red box). The main area displays a network diagram with an 'Inside Network' connected to the device's '0/1' interface, and the device's '0/0' interface connected to an 'ISP/WAN/Gateway'. The 'Internet' section shows services like 'DNS Server', 'NTP Server', and 'Smart License'. Below the diagram is a grid of configuration tiles. The 'Smart License' tile is highlighted with a red box and shows 'Evaluation expires in 82 days' and 'Tier: FTDv5 - 100 Mbps'.

Étape 2. Cliquez sur l'engrenage et sélectionnez Switch to Universal PLR.



Remarque : si votre périphérique utilise la licence Smart, vous devez annuler l'enregistrement du périphérique.

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Attention : une fois que vous avez basculé en mode PLR, vous ne pouvez plus repasser en mode d'évaluation.

Firewall Device Manager | Monitoring | Policies | Objects | Device: firepower | admin Administrator | CISCO SECURE

Device Summary  
Smart License

**LICENSE ISSUE**  
Evaluation Period  
You are in Evaluation mode now.

82/90 days left | REGISTER DEVICE | Need help?

Resync connection | **Switch to Universal PLR**

Dans la fenêtre d'aperçu, sélectionnez le niveau de performances et cliquez sur Oui.

## ⚠ Change to Permanent License



If you switch to Universal Permanent License Reservation mode, you cannot switch back to Evaluation mode.

**Are you sure you want to use Universal Permanent License Reservation for this device?**

Select Performance Tier

The selected performance tier determines VPN session limits and device throughput, click [here](#) to learn more.

Make sure the performance tier selected matches the license in your [Cisco Smart Software Manager](#) account.

Performance Tier

Pick a Tier



Your Device Specifications

Cores / RAM    4 core / 8 GB

NO

YES

Étape 3. Enregistrez le code de demande.

# Universal Permanent License Reservation



**i** If you have **Cloud Services enabled** you might want to disable them.

1 Save Request Code for this Device.



Request Code

DE-ZNGFWv:9ADKC86E1VU-CCRvmZyqM-BF

SAVE AS TXT



PRINT

2 Log into your [Cisco Smart Software Manager](#) account, go to the Inventory > Licenses page, and start the License Reservation process. Use the request code to generate an Authorization Code. Note that you must work with your Cisco representative to enable Universal Permanent License Reservation mode in your account. If you cannot start the License Reservation process (that is, the button does not appear on the Inventory > License page), please contact your Cisco representative.

3 Paste or type in the Authorization Code:

Authorization Code

Paste code from clipboard here

? For a more detailed overview on Cisco Licensing, go to [cisco.com/go/licensingguide](https://cisco.com/go/licensingguide)

CANCEL

REGISTER

Étape 4. Connectez-vous à votre compte CSSM et naviguez vers Smart Software Licensing > Inventory > Licenses et cliquez sur License Reservation.

Smart Software Licensing

[SL Product Details](#) [Support](#) [Help](#)

Alerts **Inventory** [Convert to Smart Licensing](#) | [Reports](#) | [Preferences](#) | [On-Prem Accounts](#) | [Activity](#)

General

**Licenses**

Product Instances

Event Log

Available Actions ▾

Manage License Tags

**License Reservation...**



Show License Transactions

By Name | By Tag

Search by License



Cliquez sur Continuer.



Use of the Software contained in this Smart Account is subject to Cisco's EULA. Cisco may restrict the availability or features of this Smart Account or the Smart Licensing capabilities in any region, or modify or discontinue features to comply with applicable laws and regulations. You may only use the Software in the country for which it is purchased and intended to be used.

Proceed

Collez votre code de demande et cliquez sur Next.

### Smart License Reservation



STEP 1

Enter Request Code

STEP 2

Select Licenses

STEP 3

Review and Confirm

STEP 4

Authorization Code

You can reserve licenses for product instances that cannot connect to the Internet for security reasons. You will begin by generating a Reservation Request Code from the product instance. To learn how to generate this code, see the configuration guide for the product being licensed.

Once you have generated the code:

- 1) Enter the Reservation Request Code below
- 2) Select the licenses to be reserved
- 3) Generate a Reservation Authorization Code
- 4) Enter the Reservation Authorization Code on the product instance to activate the features

\* Reservation Request Code:

DE-ZNGFW:9ADKC86E1VU-CCRVmZyqM-BF



Upload File

Browse

Upload

Cancel

Next

Sélectionnez votre licence et cliquez sur Next.

## Smart License Reservation

3

STEP 1 ✓ Enter Request Code

STEP 2 Select Licenses

STEP 3 Review and Confirm

STEP 4 Authorization Code

### Product Instance Details

Product Type: VIRTSEC  
UDI PID: NGFW  
UDI Serial Number: 9ADKC86E1VU

### Licenses to Reserve

In order to continue, ensure that you have a surplus of the licenses you want to reserve in the Virtual Account.

- Cisco Firepower Virtual Threat Defense Universal License

Cancel Next

Cliquez sur Générer le code d'autorisation.

## Smart License Reservation

x

STEP 1 ✓ Enter Request Code

STEP 2 ✓ Select Licenses

STEP 3 Review and Confirm

STEP 4 Authorization Code

### Product Instance Details

Product Type: VIRTSEC  
UDI PID: NGFW  
UDI Serial Number: 9ADKC86E1VU

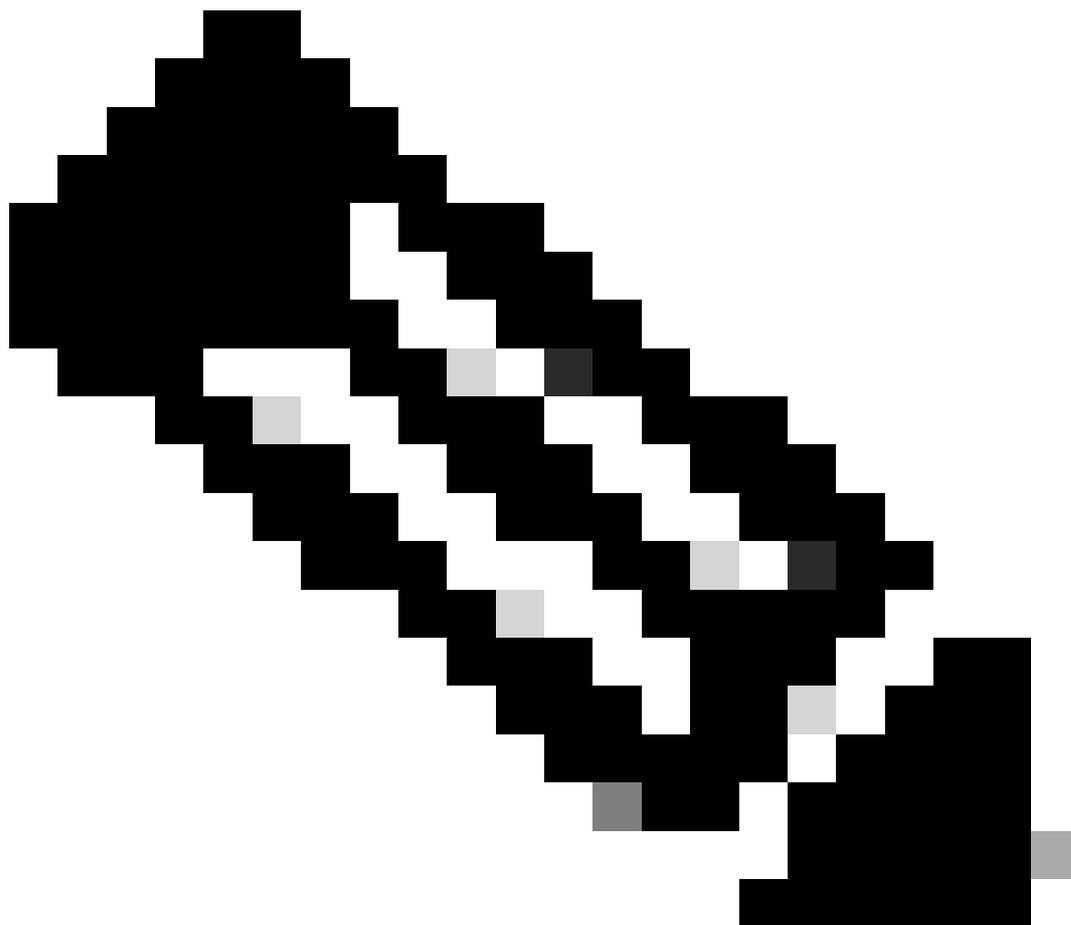
### Licenses to Reserve

License	Expires	Quantity to Reserve
Cisco Firepower Virtual Threat Defense Universal License <small>Cisco Firepower Virtual Threat Defense Universal License</small>	-	1

Cancel Back Generate Authorization Code

Pour enregistrer le code d'autorisation, cliquez sur Télécharger en tant que fichier ou sur Copier dans le Presse-papiers.





Remarque : actualisez la page pour voir l'état actuel de la licence.

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# Universal Permanent License Reservation



**i** If you have **Cloud Services enabled** you might want to disable them.

1 Save Request Code for this Device.

Request Code

DE-ZNGFWv:9ADKC86E1VU-CCRVmZyqM-BF

SAVE AS TXT

PRINT

2 Log into your [Cisco Smart Software Manager](#) account, go to the Inventory > Licenses page, and start the License Reservation process. Use the request code to generate an Authorization Code. Note that you must work with your Cisco representative to enable Universal Permanent License Reservation mode in your account. If you cannot start the License Reservation process (that is, the button does not appear on the Inventory > License page), please contact your Cisco representative.

3 Paste or type in the Authorization Code:

Authorization Code

9ADKC86E1VU-CCRVmZyqM-BF

? For a more detailed overview on Cisco Licensing, go to [cisco.com/go/licensingguide](https://cisco.com/go/licensingguide)

CANCEL

REGISTER

## Annuler l'inscription PLR

J'ai une licence dans CSSM

Utilisez cette option lorsque vous avez terminé l'Assistant Enregistrement de licence dans CSSM et que vous disposez d'un code d'autorisation. Par exemple, vous avez démarré le processus dans le mauvais FDM, vous devez donc libérer votre licence dans votre compte CSSM.

Étape 1. Cliquez sur Device et accédez à Smart License.

Firewall Device Manager | Monitoring | Policies | Objects | **Device: firepower** | admin Administrator | cisco SECURE

Inside Network | Cisco Firepower Threat Defense for VMware | ISP/WAN/Gateway | Internet | DNS Server | NTP Server | Smart Lic...

Interfaces: Management: Merged, Enabled 1 of 4. View All Interfaces >

Routing: 1 static route. View Configuration >

Updates: Geolocation, Rule, VDB, System Upgrade, Security Intelligence Feeds. View Configuration >

System Settings: Management Access, Logging Settings, DHCP Server / Relay, DDNS Service, DNS Server, Hostname, Time Services, SSL Settings. See more >

**Smart License** (82 DAYS): Evaluation expires in 82 days. Tier: FTDv5 - 100 Mbps. View Configuration >

Backup and Restore: View Configuration >

Troubleshoot: No files created yet. REQUEST FILE TO BE CREATED

Site-to-Site VPN: There are no connections yet. View Configuration >

Remote Access VPN: Requires Secure Client License. No connections | 1 Group Policy. Configure >

Advanced Configuration: Includes: FlexConfig, Smart CLI. View Configuration >

Device Administration: Audit Events, Deployment History, Download Configuration. View Configuration >

Étape 2. Cliquez sur l'engrenage et sélectionnez Annuler PLR.

Firewall Device Manager | Monitoring | Policies | Objects | **Device: firepower** | admin Administrator | cisco SECURE

Device Summary | Licensing

**UNIVERSAL PLR NOT FINISHED** (Reservation Pending) | CONTINUE RESERVATION | Need help? >

Tiered Performance | Performance Tier: FTDv20 - 3 Gbps

Session limits for VPN and rate-limited throughput are determined by the selected performance tier. Learn More >

Includes:	Value	Value	Value
Minimum Threat Defense Virtual Cores	4 core	Rate Limit	3 Gbps
Minimum Threat Defense Virtual RAM	8 GB	VPN Limit	250

Your Device: Cores / RAM | 4 core / 8 GB

Resync connection | **Cancel PLR**

Étape 3. Sélectionnez J'ai une licence dans CSSM.

# Cancel Permanent License Reservation



Are you sure you want to cancel the Permanent License Reservation?

License States

I have a License in CSSM

I do not have a License in ...

1 Get Authorization Code from CSSM and paste it here:



Authorization Code

Paste code from clipboard here

2 Generate a Release License Code using your Authorization Code.



GENERATE RELEASE CODE

3 In your [Cisco Smart Software Manager](#) account free up license by putting Release Code.

CANCEL

OK

Étape 4. Collez votre code d'autorisation et cliquez sur Generate Release Code.

# Cancel Permanent License Reservation



Are you sure you want to cancel the Permanent License Reservation?

License States

I have a License in CSSM

I do not have a License in ...

1 Get Authorization Code from CSSM and paste it here:



Authorization Code

2 Generate a Release License Code using your Authorization Code.



GENERATE RELEASE CODE

3 In your [Cisco Smart Software Manager](#) account free up license by putting Release Code.

CANCEL

OK

Enregistrez votre code de licence de version.

# Cancel Permanent License Reservation



Are you sure you want to cancel the Permanent License Reservation?

License States

I have a License in CSSM

I do not have a License in ...

1 Get Authorization Code from CSSM and paste it here:



Authorization Code

DAKwJ-KeIke2-fGtuzD-coNBoo-uMz7-ID-QaG0t4-gOzkeo-MQ-55-DI

2 Generate a Release License Code using your Authorization Code.



Release License Code

DKvxiU-zchZA5-M6ekJk-EmeitQ-85pErd-Ft7

SAVE AS TXT

PRINT



You will not be able to regenerate the Release Code after you unregister. Please make sure that you save this code for use in Cisco Smart Software Manager.

3 In your [Cisco Smart Software Manager](#) account free up license by putting Release Code.

CANCEL

OK

Étape 5. Connectez-vous à votre compte CSSM et naviguez jusqu'à Smart Software Licensing > Inventory > Product Instances.

General Licenses **Product Instances** Event Log

Authorize License-Enforced Features...  Search by Device or by Product Type 

Name	Product Type	Last Contact	Alerts	Actions
10.106.60.161	FP	2024-Feb-08 21:22:04		Actions ▾
68.com	ESA	2024-Feb-08 15:47:37		Actions ▾
724FMC	FP	2024-Jan-16 18:30:52		Actions ▾
A-TSZ-HIS-FMC01	FP	2023-Oct-03 21:05:28	<span style="color: red;">✘ Failed to Renew</span>	Actions ▾
a4115	FPRUHI	2024-Jan-27 17:05:40		Actions ▾
AAALAB	ASAHIGH	2024-Jan-18 19:07:58		Actions ▾
AAALAB	ASAHIGH	2024-Jan-18 11:25:38		Actions ▾
AAALAB	ASAHIGH	2024-Jan-18 20:14:33		Actions ▾
AAALAB	ASAHIGH	2024-Jan-18 05:30:17		Actions ▾
AAALAB	ASAHIGH	2024-Jan-18 08:00:04		Actions ▾

10 ▾ Showing Page 1 of 97 (963 Records) |<< >>|

Étape 6. Recherchez votre périphérique par son nom.

Remarque : le nom est le numéro de série du périphérique.

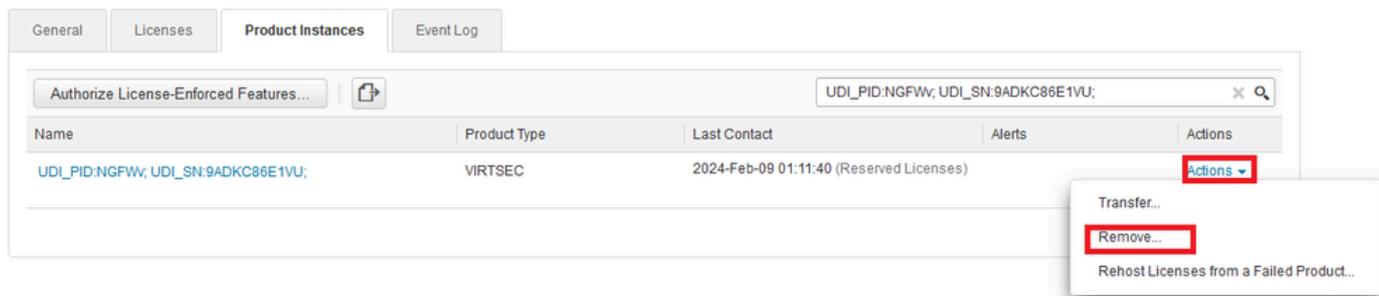
General Licenses **Product Instances** Event Log

Authorize License-Enforced Features...  UDI\_PID:NGFW; UDI\_SN:9ADKC86E1VU;  

Name	Product Type	Last Contact	Alerts	Actions
<a href="#">UDI_PID:NGFW; UDI_SN:9ADKC86E1VU;</a>	VIRTSEC	2024-Feb-09 01:11:40 (Reserved Licenses)		<a href="#">Actions</a> ▾

Showing 1 Record

Étape 7. Cliquez sur Actions et sélectionnez Supprimer dans la liste déroulante.



Collez votre code de licence de version et cliquez sur Supprimer la réservation.

## Remove Reservation ✕

To remove a Product Instance that has reserved licenses and make those licenses once again available to other Product Instances, enter in the Reservation Return Code generated by the Product Instance. If you cannot generate a Reservation Return Code, contact [Cisco Support](#)

★ **Reservation Return Code:**

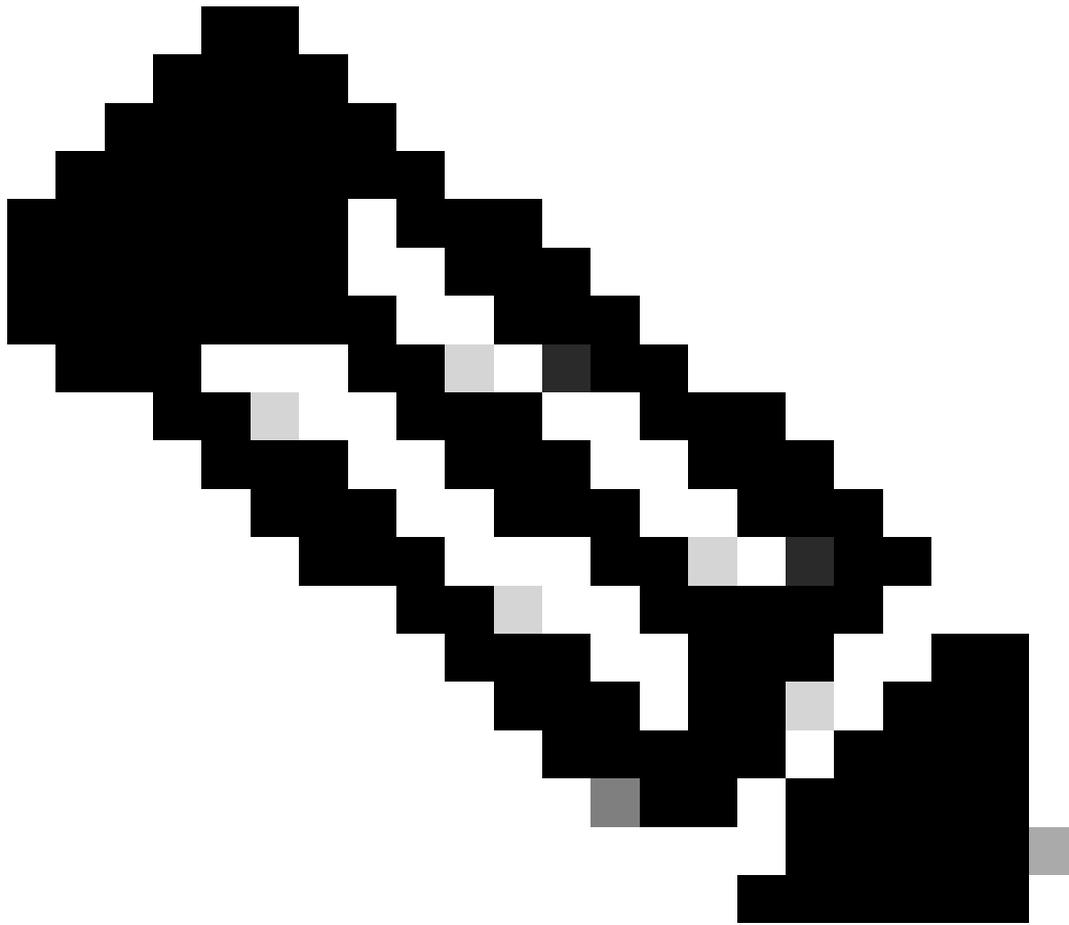
DKvxiU-zchZA5-M6ekJk-EmeitQ-85pErd-Ft7|



**Remove Reservation**

Cancel

Étape 8. Revenez à votre périphérique et cliquez sur Ok.



Remarque : actualisez la page pour voir l'état actuel de la licence.

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# Cancel Permanent License Reservation



Are you sure you want to cancel the Permanent License Reservation?

License States

**I have a License in CSSM**

I do not have a License in ...

1 Get Authorization Code from CSSM and paste it here:



Authorization Code

DKVxiU-zchZA5-M6ekJk-EmeitQ-85pErd-Ft7

2 Generate a Release License Code using your Authorization Code.



Release License Code

DKvxiU-zchZA5-M6ekJk-EmeitQ-85pErd-Ft7

SAVE AS TXT

PRINT

You will not be able to regenerate the Release Code after you unregister. Please make sure that you save this code for use in Cisco Smart Software Manager.

3 In your [Cisco Smart Software Manager](#) account free up license by putting Release Code.

CANCEL

**OK**

Je n'ai pas de licence dans CSSM

Utilisez cette option lorsque vous ne terminez pas l'Assistant Enregistrement de licence dans CSSM. Par exemple, vous avez démarré le processus PLR dans votre FDM, mais vous ne disposez pas des licences correctes dans votre CSSM.

Étape 1. Cliquez sur Device et accédez à Smart License.

Firewall Device Manager | Monitoring | Policies | Objects | **Device: firepower** | admin Administrator | cisco SECURE

Inside Network | Cisco Firepower Threat Defense for VMware | ISP/WAN/Gateway | Internet | DNS Server | NTP Server | Smart Lic...

Interfaces: Management: Merged, Enabled 1 of 4. View All Interfaces >

Routing: 1 static route. View Configuration >

Updates: Geolocation, Rule, VDB, System Upgrade, Security Intelligence Feeds. View Configuration >

System Settings: Management Access, Logging Settings, DHCP Server / Relay, DDNS Service, DNS Server, Hostname, Time Services, SSL Settings. See more >

**Smart License** (82 DAYS): Evaluation expires in 82 days. Tier: FTDv5 - 100 Mbps. View Configuration >

Backup and Restore: View Configuration >

Troubleshoot: No files created yet. REQUEST FILE TO BE CREATED

Site-to-Site VPN: There are no connections yet. View Configuration >

Remote Access VPN: Requires Secure Client License. No connections | 1 Group Policy. Configure >

Advanced Configuration: Includes: FlexConfig, Smart CLI. View Configuration >

Device Administration: Audit Events, Deployment History, Download Configuration. View Configuration >

Étape 2. Cliquez sur l'engrenage et sélectionnez Annuler PLR.

Firewall Device Manager | Monitoring | Policies | Objects | **Device: firepower** | admin Administrator | cisco SECURE

Device Summary | Licensing

UNIVERSAL PLR NOT FINISHED (Reservation Pending) | CONTINUE RESERVATION | Need help? <?>

Tiered Performance | Performance Tier: FTDv20 - 3 Gbps

Session limits for VPN and rate-limited throughput are determined by the selected performance tier. Learn More <?>

Includes:	Value	Value	Value
Minimum Threat Defense Virtual Cores	4 core	Rate Limit	3 Gbps
Minimum Threat Defense Virtual RAM	8 GB	VPN Limit	250

Your Device: Cores / RAM | 4 core / 8 GB

Resync connection | **Cancel PLR**

Étape 3. Sélectionnez Je n'ai pas de licence dans CSSM.

# Cancel Permanent License Reservation



Are you sure you want to cancel the Permanent License Reservation?

License States

I have a License in CSSM

I do not have a License in ...

**i** In this case you can proceed with Cancelling Permanent License Reservation.

CANCEL

OK

Cliquez sur OK pour terminer.

## Désinscription du périphérique en mode PLR

Étape 1. Cliquez sur Device et accédez à Smart License.

The screenshot shows the Firewall Device Manager interface. The top navigation bar includes 'Monitoring', 'Policies', 'Objects', and 'Device: firepower' (highlighted with a red box). The main content area displays a network diagram with 'Inside Network' and 'ISP/WAN/Gateway' connected to a 'Cisco Firepower Threat Defense for VMware' device. Below the diagram are several configuration panels: 'Interfaces', 'Routing', 'Updates', 'System Settings', 'Smart License' (highlighted with a red box), 'Backup and Restore', and 'Troubleshoot'. The 'Smart License' panel shows 'Universal PLR' and 'Tier: Not selected (Threat Defense Virtual - Variable)'. The 'Updates' panel shows 'Geolocation, Rule, VDB, System Upgrade, Security Intelligence Feeds'.

Étape 2. Cliquez sur l'engrenage et sélectionnez Unregister Universal PLR.

The screenshot shows the Firewall Device Manager interface with the 'Device: firepower' tab selected. The 'Licensing' section is visible, showing a green checkmark and 'UNIVERSAL PLR Sufficient License'. In the bottom right corner, there is a gear icon (highlighted with a red box) and a button labeled 'Unregister Universal PLR' (also highlighted with a red box).

Étape 3. Cliquez sur Yes pour continuer le processus.

## Warning

If you unregister the device, you cannot make any changes to the device configuration. You will have to re-register the device using either Smart Licensing or Universal Permanent License Reservation mode to make changes.

**Are you sure you want to unregister the device?**

NO YES

Étape 4. Enregistrez le code de licence de version.

## Unregister Universal Permanent License Reservation

- Save Release Code for this Device.  
↓  
Release License Code  
DCsSXH-D2rBtc-UZzer8-Un5yqp-vcKF1v-EG4 SAVE AS TXT PRINT  

**⚠ You will not be able to regenerate the Release Code after you unregister. Please make sure that you save this code for use in Cisco Smart Software Manager.**
- In your [Cisco Smart Software Manager](#) free up license by inserting Release License Code from here.

CANCEL UNREGISTER

Étape 5. Connectez-vous à votre compte CSSM et naviguez jusqu'à Smart Software Licensing > Inventory > Product Instances.

General Licenses **Product Instances** Event Log

Authorize License-Enforced Features...  Search by Device or by Product Type 

Name	Product Type	Last Contact	Alerts	Actions
10.106.60.161	FP	2024-Feb-08 21:22:04		Actions ▾
68.com	ESA	2024-Feb-08 15:47:37		Actions ▾
724FMC	FP	2024-Jan-16 18:30:52		Actions ▾
A-TSZ-HIS-FMC01	FP	2023-Oct-03 21:05:28	<span style="color: red;">✘ Failed to Renew</span>	Actions ▾
a4115	FPRUHI	2024-Jan-27 17:05:40		Actions ▾
AAALAB	ASAHIGH	2024-Jan-18 19:07:58		Actions ▾
AAALAB	ASAHIGH	2024-Jan-18 11:25:38		Actions ▾
AAALAB	ASAHIGH	2024-Jan-18 20:14:33		Actions ▾
AAALAB	ASAHIGH	2024-Jan-18 05:30:17		Actions ▾
AAALAB	ASAHIGH	2024-Jan-18 08:00:04		Actions ▾

10 ▾ Showing Page 1 of 97 (963 Records) |<< >>|

Étape 6. Recherchez votre périphérique par son nom.

Remarque : le nom est le numéro de série du périphérique.

General Licenses **Product Instances** Event Log

Authorize License-Enforced Features...  UDI\_PID:NGFW; UDI\_SN:9ADKC86E1VU;  

Name	Product Type	Last Contact	Alerts	Actions
<a href="#">UDI_PID:NGFW; UDI_SN:9ADKC86E1VU;</a>	VIRTSEC	2024-Feb-09 01:11:40 (Reserved Licenses)		<a href="#">Actions</a> ▾

Showing 1 Record

Étape 7. Cliquez sur Actions et sélectionnez Supprimer dans la liste déroulante.

Name	Product Type	Last Contact	Alerts	Actions
UDI_PID:NGFW; UDI_SN:9ADKC86E1VU;	VIRTSEC	2024-Feb-09 01:11:40 (Reserved Licenses)		Actions

Collez votre code de licence de version et cliquez sur Supprimer la réservation.

## Remove Reservation

To remove a Product Instance that has reserved licenses and make those licenses once again available to other Product Instances, enter in the Reservation Return Code generated by the Product Instance. If you cannot generate a Reservation Return Code, contact [Cisco Support](#)

\* **Reservation Return Code:**

DCsSXH-D2rBtc-UZzer8-Un5yqp-vcKF1v-EG4

Remove Reservation

Cancel

Étape 8. Retournez à votre périphérique et cliquez sur Annuler l'inscription.

# Unregister Universal Permanent License Reservation ? ×

1 Save Release Code for this Device.



Release License Code

DCsSXH-D2rBtc-UZzer8-Un5yqp-vcKF1v-EG4

SAVE AS TXT

PRINT

You will not be able to regenerate the Release Code after you unregister. Please make sure that you save this code for use in Cisco Smart Software Manager.

2 In your [Cisco Smart Software Manager](#) free up license by inserting Release License Code from here.

CANCEL

UNREGISTER

## Vérifier

Accédez à Device > Smart License et vous pouvez voir que la licence est Universal PLR.

Firewall Device Manager | Monitoring | Policies | Objects | Device: firepower

Device Summary  
Licensing

UNIVERSAL PLR  
Sufficient License

## Dépannage

1. Recherchez les erreurs dans `/ngfw/var/log/cisco/smart_agent.log`.

Par exemple, dans ces journaux, vous pouvez voir que le processus d'enregistrement a réussi.

```
<#root>  
> expert  
admin@firepower:~$ sudo su  
Password:  
root@firepower:/home/admin# cd /ngfw/var/log/cisco/  
root@firepower:/ngfw/var/log/cisco# tail smart_agent.log
```

```
2024-02-09 03:21:21 ajp-nio-8009-exec-8: INFO LicenseSoftwareIds:82 - Selected software ID: regid.2019-
2024-02-09 03:21:21 ajp-nio-8009-exec-8: INFO DefaultSmartAgentFactoryProvider:398 - New platform tag i
2024-02-09 03:21:21 ajp-nio-8009-exec-8: INFO PLRUnhandledNotificationHandler:31 - Handling listener cl
2024-02-09 03:21:21 ajp-nio-8009-exec-8: INFO PLRUnhandledNotificationHandler:31 - Handling listener cl

2024-02-09 03:21:21 ajp-nio-8009-exec-8: INFO SmartAgentConfFileSync:178 - RegistrationStatus : REGISTERED

2024-02-09 03:21:21 ajp-nio-8009-exec-8: INFO SmartAgentConfFileSync:192 - updated the smart Agent File
2024-02-09 03:21:21 ajp-nio-8009-exec-8: INFO PLRUnhandledNotificationHandler:31 - Handling listener cl
2024-02-09 03:21:21 ajp-nio-8009-exec-8: INFO DefaultSmartAgentManager:159 - Received notification from
```

2. Prenez une queue de cochon pour demander l'assistance du centre d'assistance technique et joignez-la aux notes de dossier. Vous pouvez demander de l'assistance dans [Assistance technique et téléchargements Cisco](#).

```
> expert
admin@firepower:~$ sudo su
root@firepower:/home/admin# pigtail all -outfile LogsRegistration.txt
```

3. L'état de la licence est également indiqué dans le fichier `/etc/sf/smart_agent.conf`. Si le périphérique est en mode Universal Permanent Licensing Reservation, le fichier `smart_agent.conf` affiche REGISTERED et AUTHORIZED.

```
> expert
admin@firepower:~$ sudo su
root@firepower:/home/admin# tail /etc/sf/smart_agent.conf
#Fri Feb 09 03:21:21 UTC 2024
virtual_acct=
registration=REGISTERED,null
authorization=AUTHORIZED,1707448881842
```

## Problèmes courants

Pas assez de licences.

Dans le processus License Reservation, vous avez obtenu cette erreur :

### Smart License Reservation x



 The licenses cannot be reserved because the Virtual Account does not contain a sufficient surplus of the following perpetual licenses: FTDv 3 Gbps Universal License.

Action recommandée.

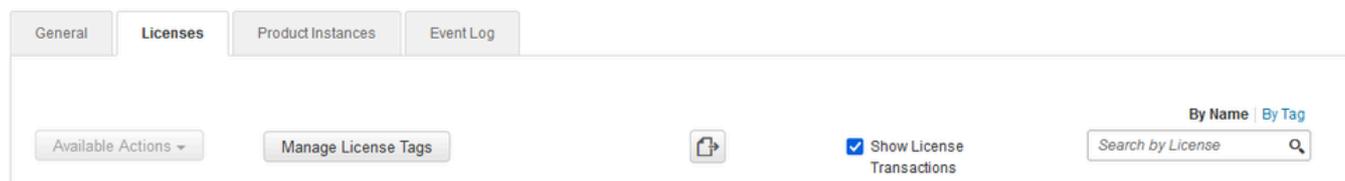
Vérifiez que vous disposez de suffisamment de licences dans votre compte CSSM. Si vous disposez de suffisamment de licences, demandez l'assistance du TAC.

Vous ne pouvez pas voir le bouton License Reservation.

## Smart Software Licensing

[SL Product Details](#) [Support](#) [Help](#)

[Alerts](#) | [Inventory](#) | [Convert to Smart Licensing](#) | [Reports](#) | [Preferences](#) | [On-Prem Accounts](#) | [Activity](#)



The screenshot shows the 'Licenses' tab selected in a navigation menu. Below the menu, there are several controls: an 'Available Actions' dropdown, a 'Manage License Tags' button, a document icon, a checked checkbox for 'Show License Transactions', and a search box labeled 'Search by License' with a magnifying glass icon. At the top right of the main content area, there are sorting options 'By Name' and 'By Tag'.

### Action recommandée

Vous devez contacter votre représentant Cisco pour activer le mode PLR dans votre compte.

## Informations connexes

- [Guide de configuration de Cisco Secure Firewall Device Manager, version 7.4](#)

À propos de cette traduction

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Il convient cependant de noter que même la meilleure traduction automatisée ne sera pas aussi précise que celle fournie par un traducteur professionnel.