透過FMC在FTD上設定安全使用者端驗證的憑證對應

目錄

簡介

本檔案介紹如何使用憑證對應進行驗證，透過FMC在FTD上設定具有SSL的Cisco Secure Client。

必要條件

需求

思科建議您瞭解以下主題：

- Cisco Firepower管理中心(FMC)
- 防火牆威脅防禦(FTD)虛擬
- VPN身份驗證流程

採用元件

- 適用於VMWare的Cisco Firepower管理中心7.4.1
- 思科防火牆威脅防禦虛擬7.4.1

- 思科安全使用者端5.1.3.62

本文中的資訊是根據特定實驗室環境內的裝置所建立。文中使用到的所有裝置皆從已清除（預設）的組態來啟動。如果您的網路運作中，請確保您瞭解任何指令可能造成的影響。

背景資訊

憑證對映是在VPN連線中使用的方法，其中使用者端憑證對映至本機使用者帳戶，或使用憑證內的屬性進行授權。這是使用數位憑證作為辨識使用者或裝置的方式。透過使用證書對映，它利用SSL協定對使用者進行身份驗證，而無需他們輸入憑證。

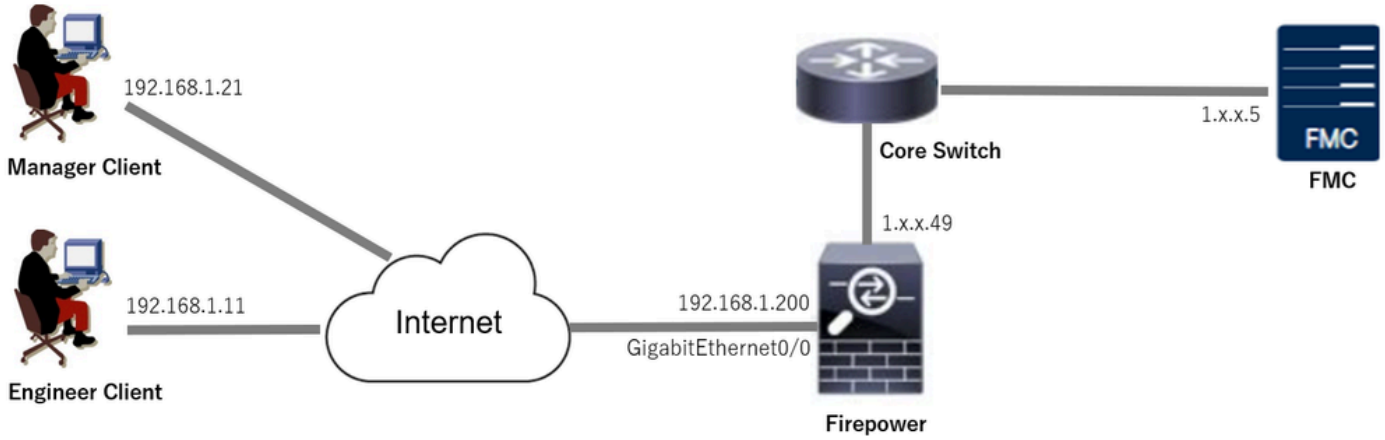
本文檔介紹如何使用SSL證書中的公用名稱對Cisco Secure Client進行身份驗證。

這些憑證中包含用於授權目的的通用名稱。

- CA ： ftd-ra-ca-common-name
- 工程師VPN客戶端證書：vpnEngineerClientCN
- Manager VPN客戶端證書：vpnManagerClientCN
- 伺服器證書：192.168.1.200

網路圖表

下圖顯示本文檔示例中使用的拓撲。



網路圖表

組態

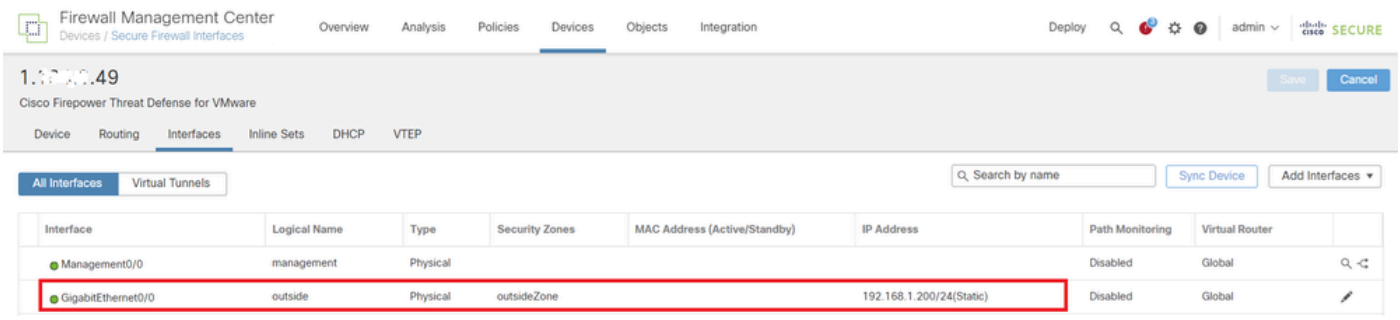
FMC中的配置

步驟 1.設定FTD介面

導覽至Devices > Device Management，編輯目標FTD裝置，然後為FTD設定外部介面inInterfacestab。

對於GigabitEthernet0/0，

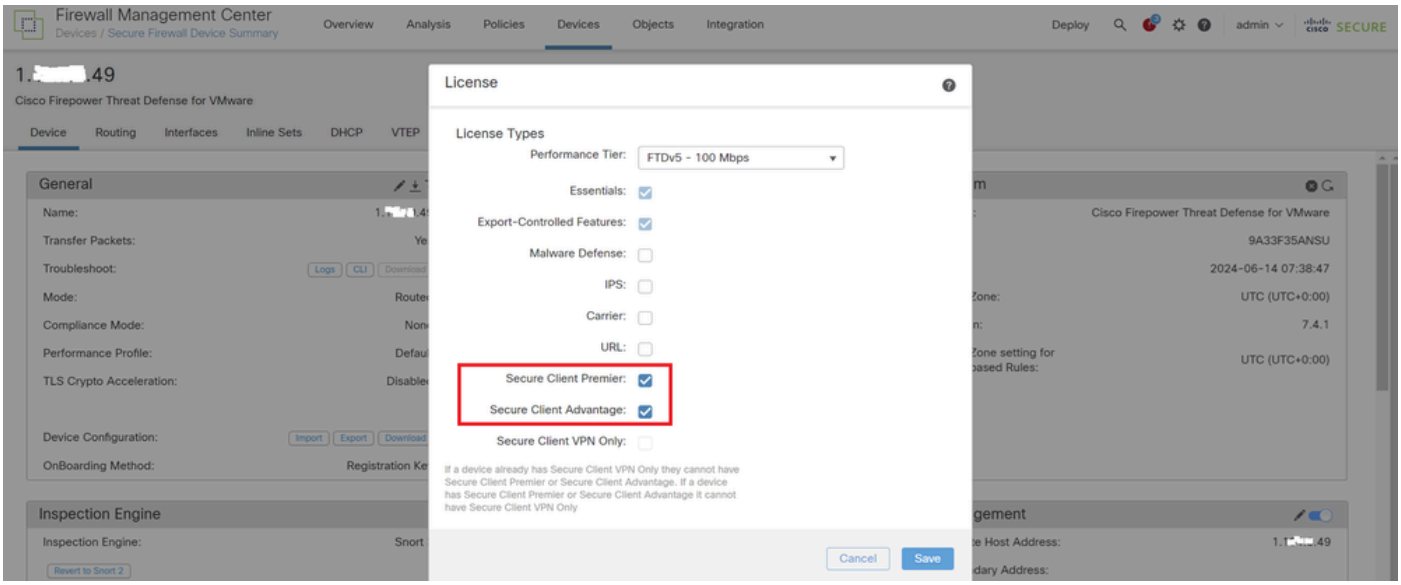
- 名稱：outside
- 安全區域：outsideZone
- IP地址：192.168.1.200/24



FTD介面

步驟 2.確認思科安全客戶端許可證

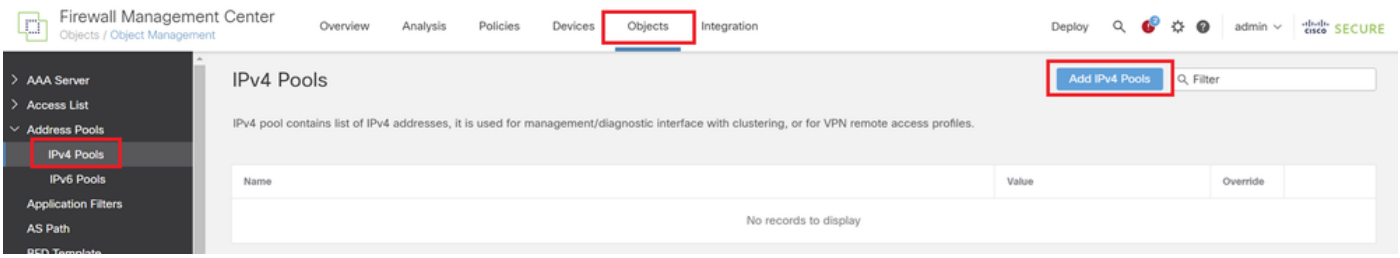
導航到裝置>裝置管理，編輯目標FTD裝置，在裝置頁籤中確認Cisco安全客戶端許可證。



安全使用者端授權

步驟 3.增加IPv4地址池

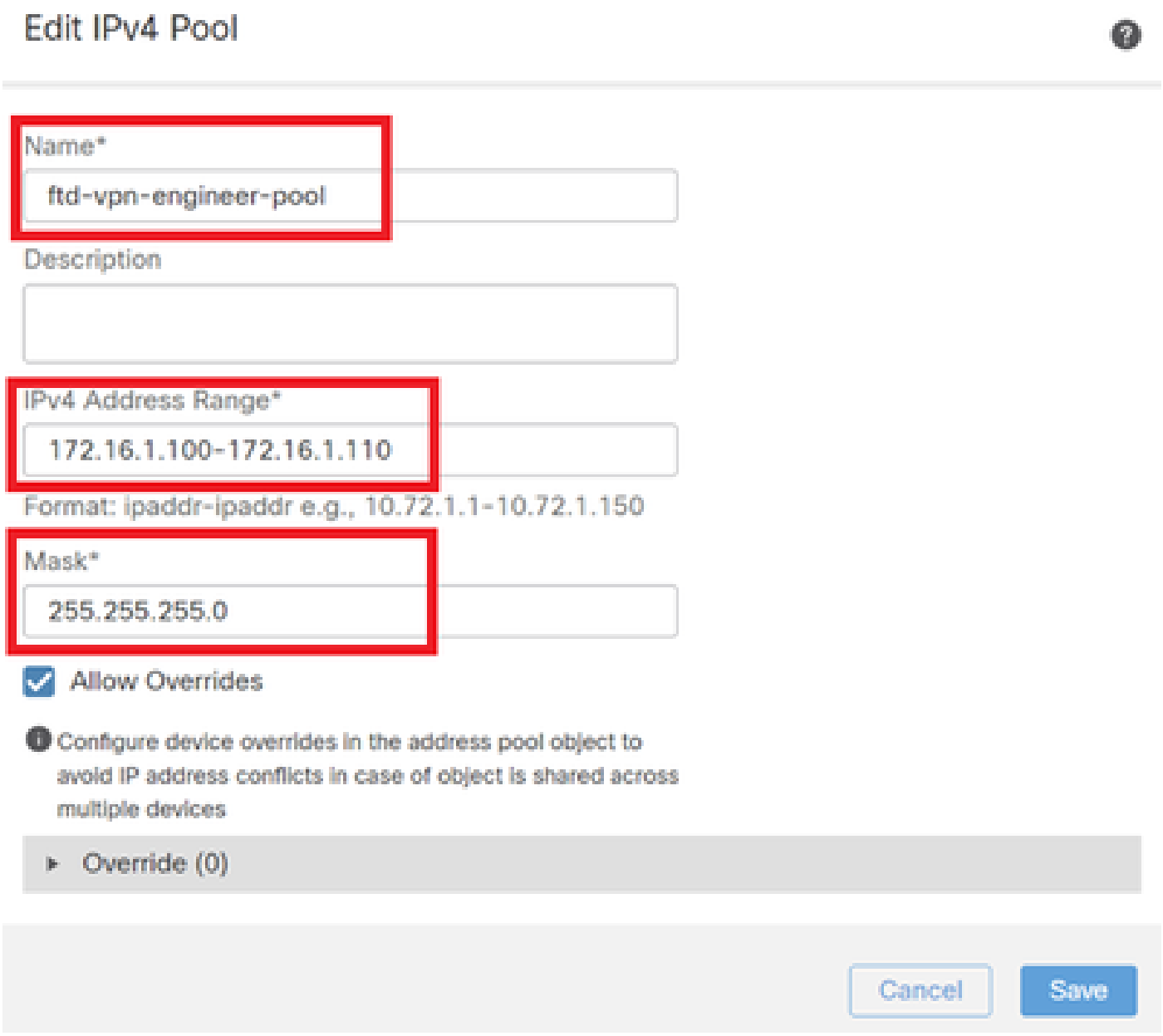
導航到對象>對象管理>地址池> IPv4池，點選Add IPv4池按鈕。



增加IPv4地址池

輸入必要資訊，為工程師VPN客戶端建立IPv4地址池。

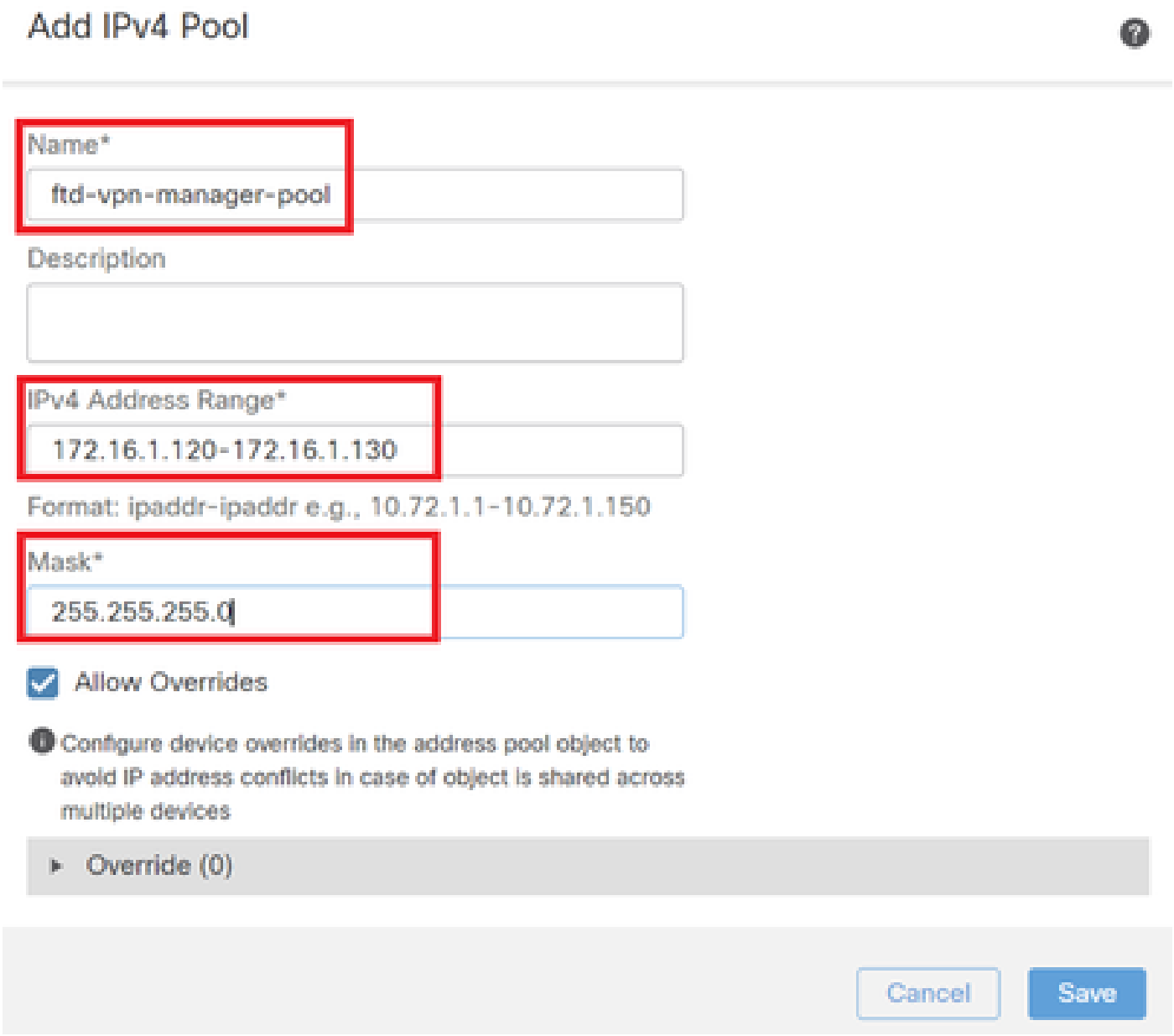
- 名稱：ftd-vpn-engineer-pool
- IPv4地址範圍：172.16.1.100-172.16.1.110
- 掩碼：255.255.255.0



工程師VPN客戶端的IPv4地址池

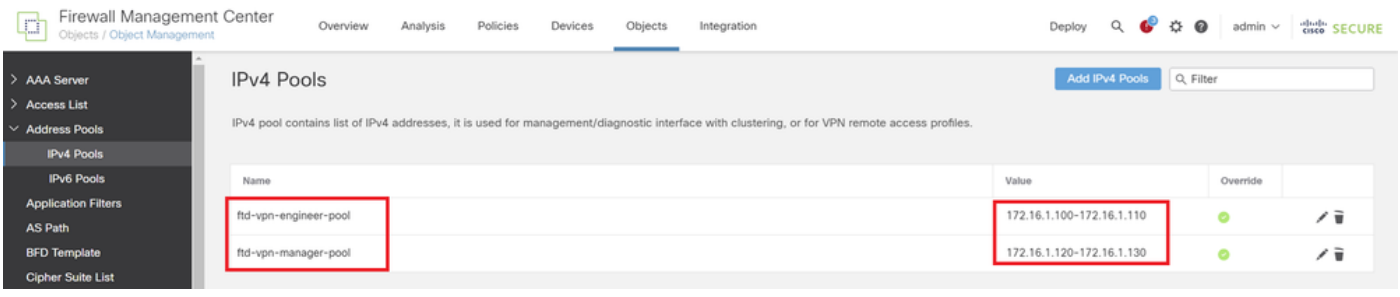
輸入必要的資訊為管理器VPN客戶端建立IPv4地址池。

- 名稱：ftd-vpn-manager-pool
- IPv4地址範圍：172.16.1.120-172.16.1.130
- 掩碼：255.255.255.0



Manager VPN客戶端的IPv4地址池

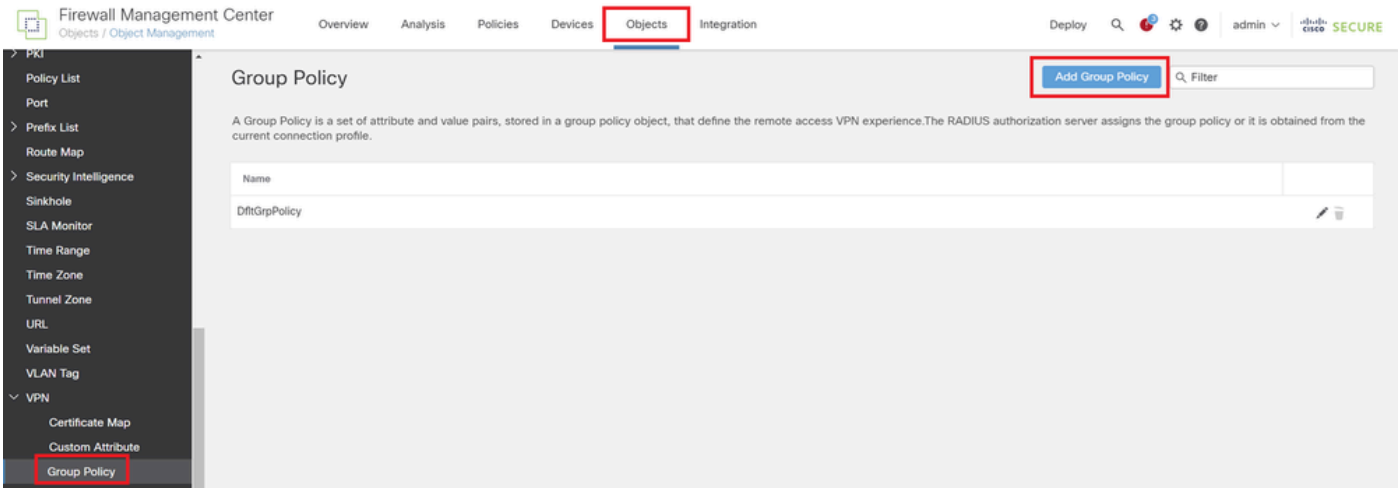
確認新的IPv4地址池。



新的IPv4地址池

步驟 4.增加組策略

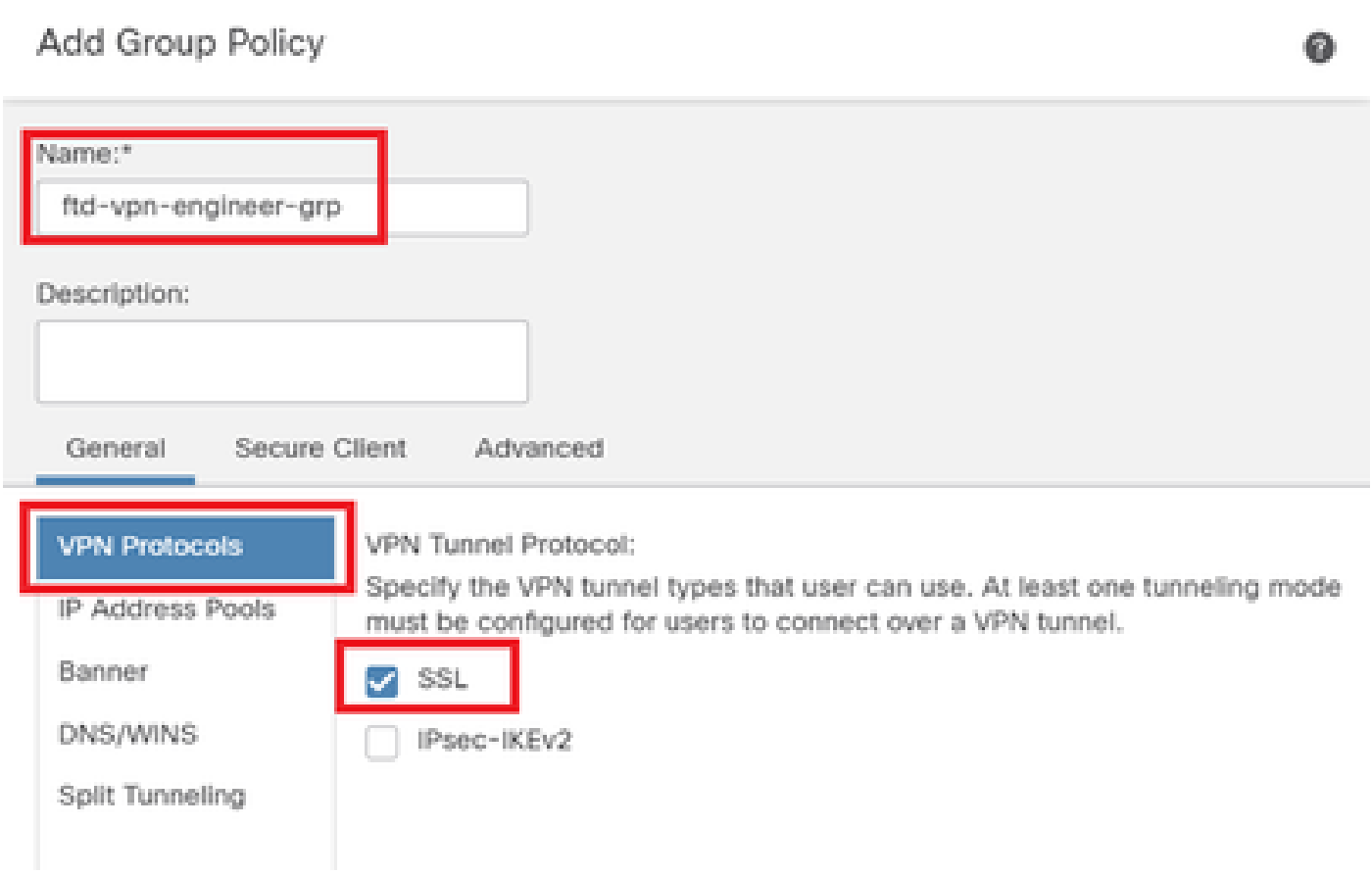
導航到對象>對象管理> VPN >組策略，點選增加組策略按鈕。



增加組策略

輸入為工程師VPN客戶端建立組策略所需的資訊。

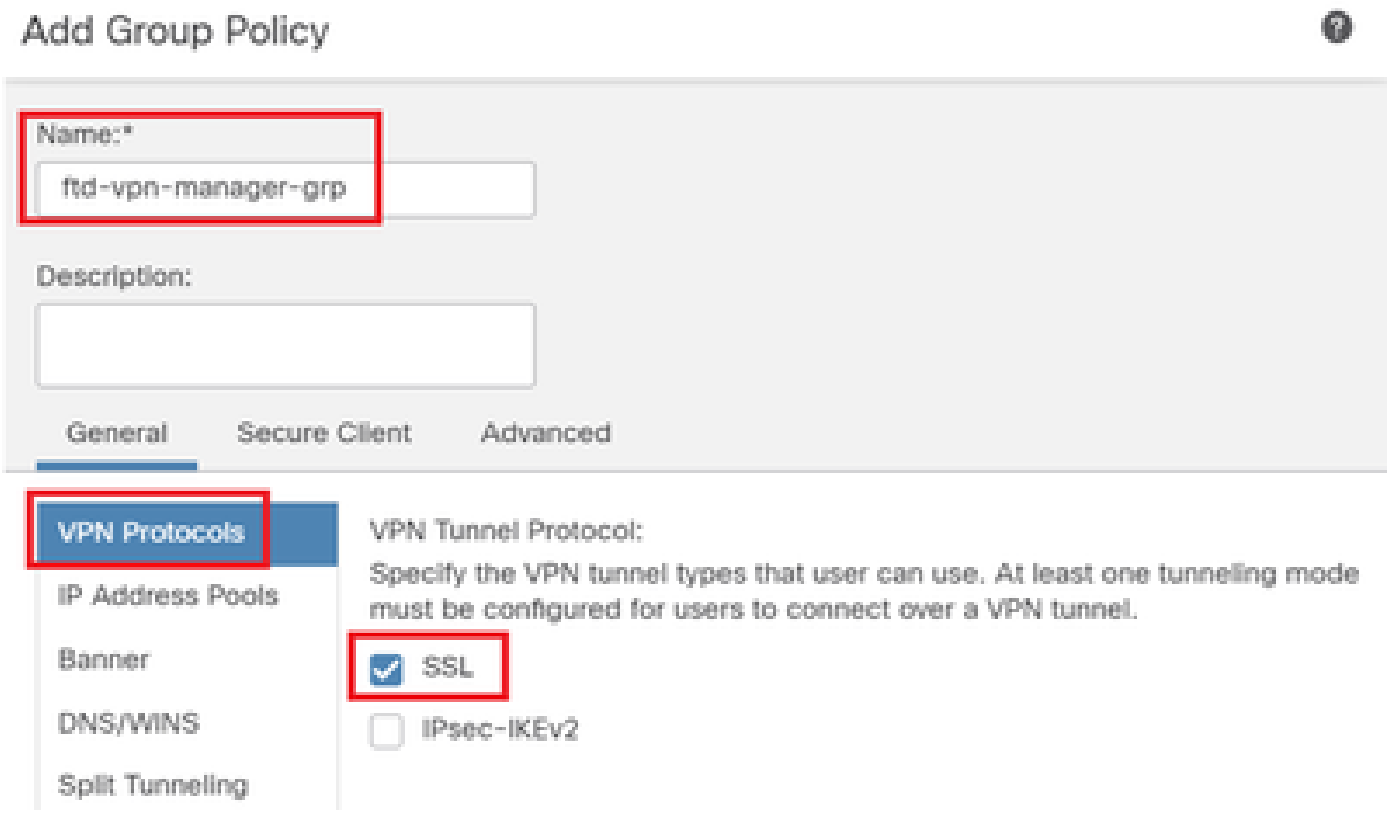
- 名稱：ftd-vpn-engineer-grp
- VPN協定：SSL



工程師VPN客戶端的組策略

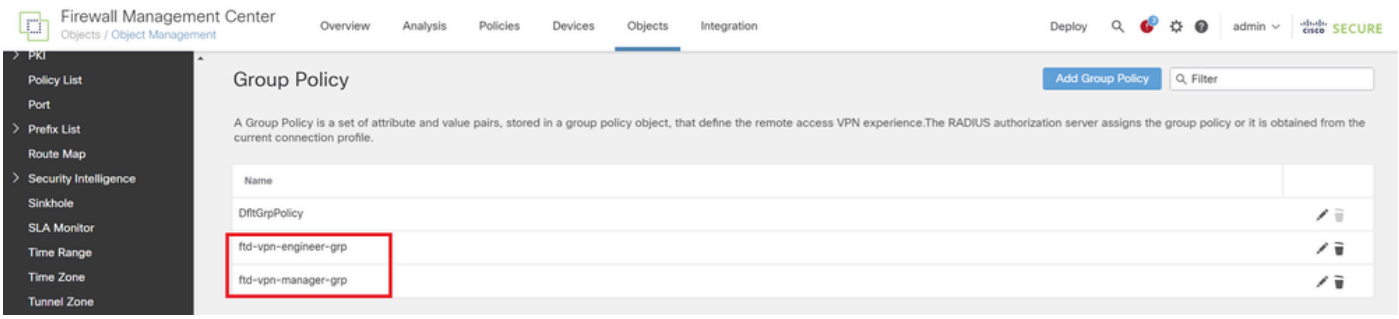
輸入為管理器VPN客戶端建立組策略所需的資訊。

- 名稱：ftd-vpn-manager-grp
- VPN協定：SSL



Manager VPN客戶端的組策略

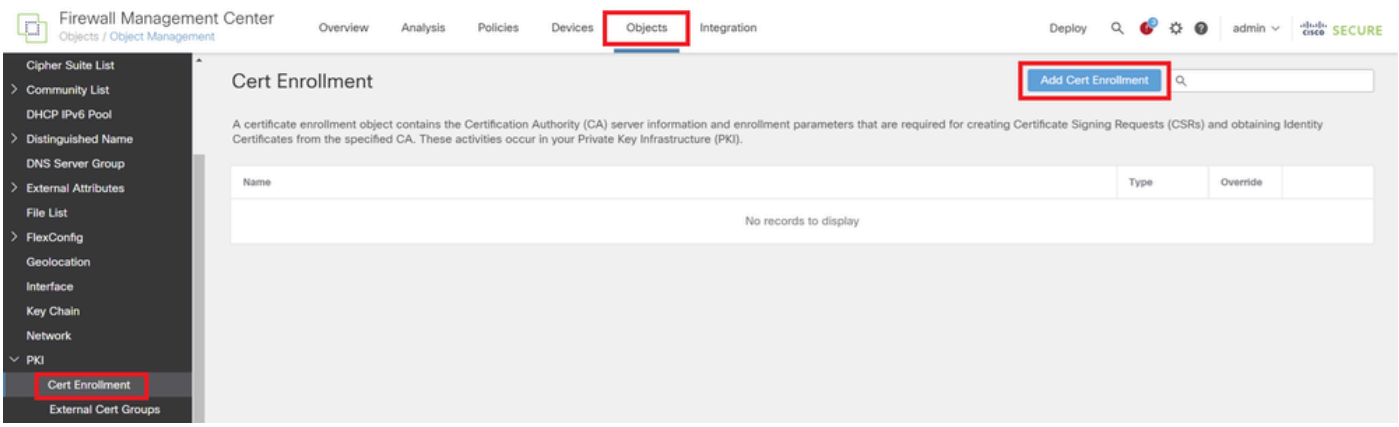
確認新的群組原則。



新增群組原則

步驟 5.新增FTD憑證

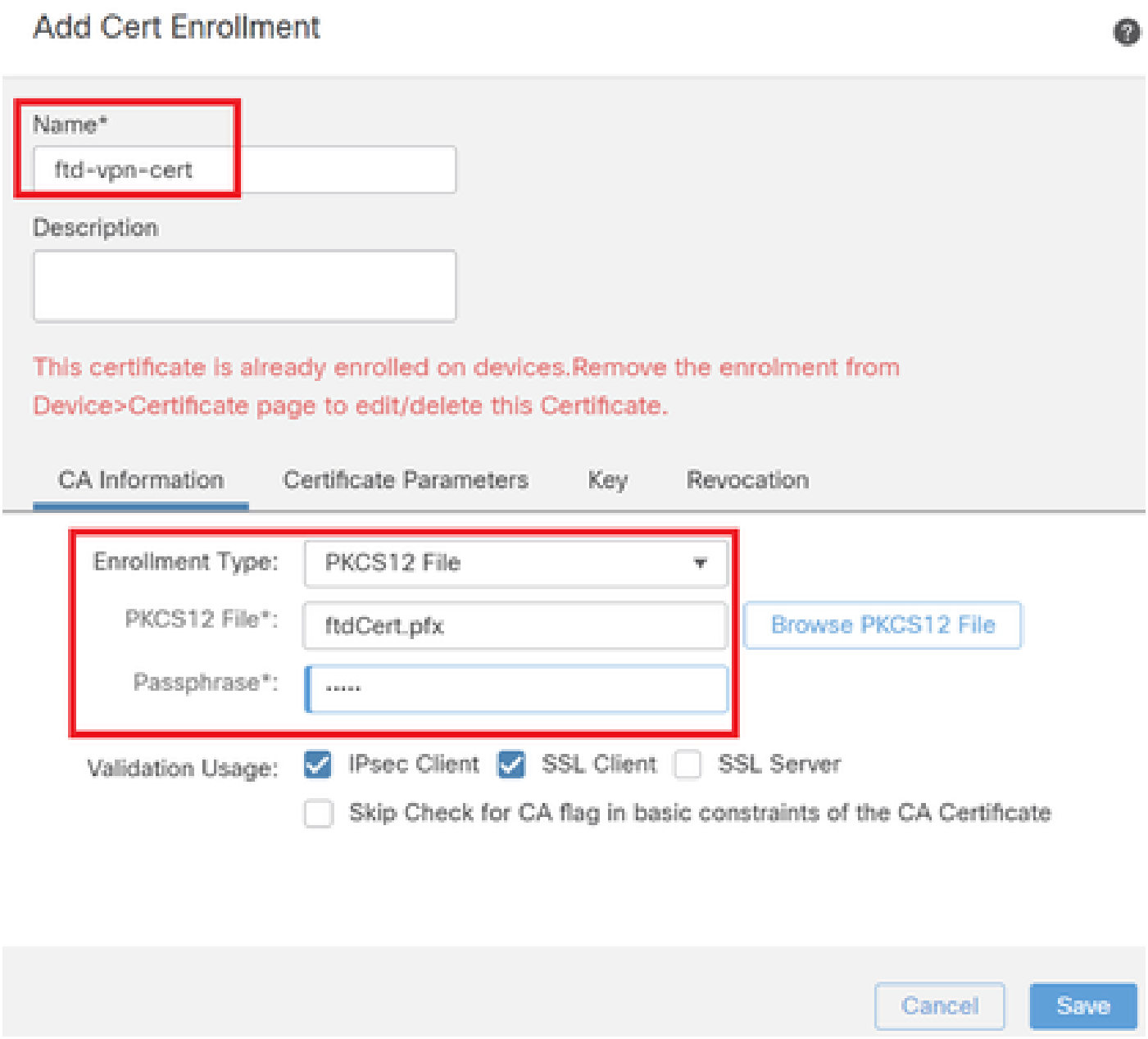
導航到對象>對象管理> PKI >證書註冊，點選增加證書註冊按鈕。



增加證書註冊

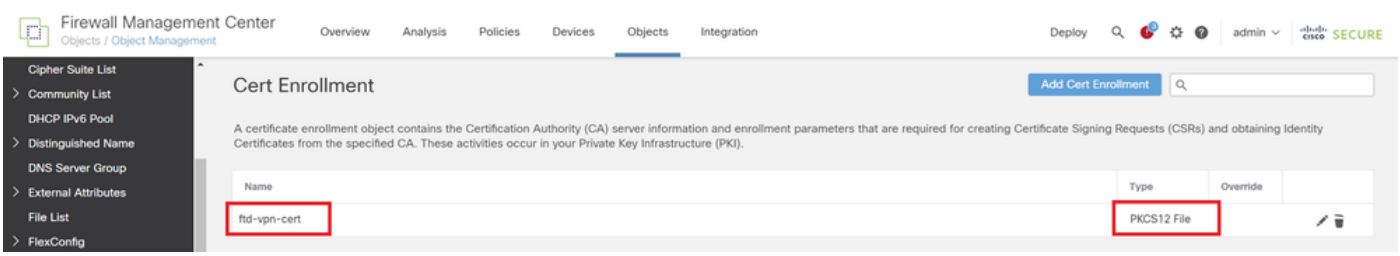
輸入FTD憑證的必要資訊，並從本機電腦匯入PKCS12檔案。

- 名稱：ftd-vpn-cert
- 註冊型別：PKCS12檔案



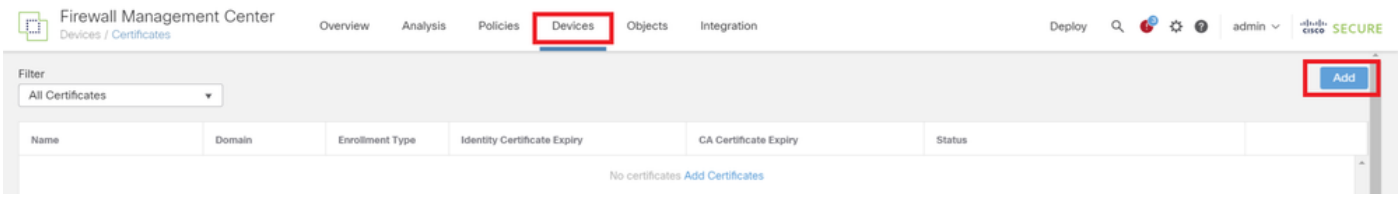
證書註冊詳細資訊

確認新的憑證註冊。



新憑證註冊

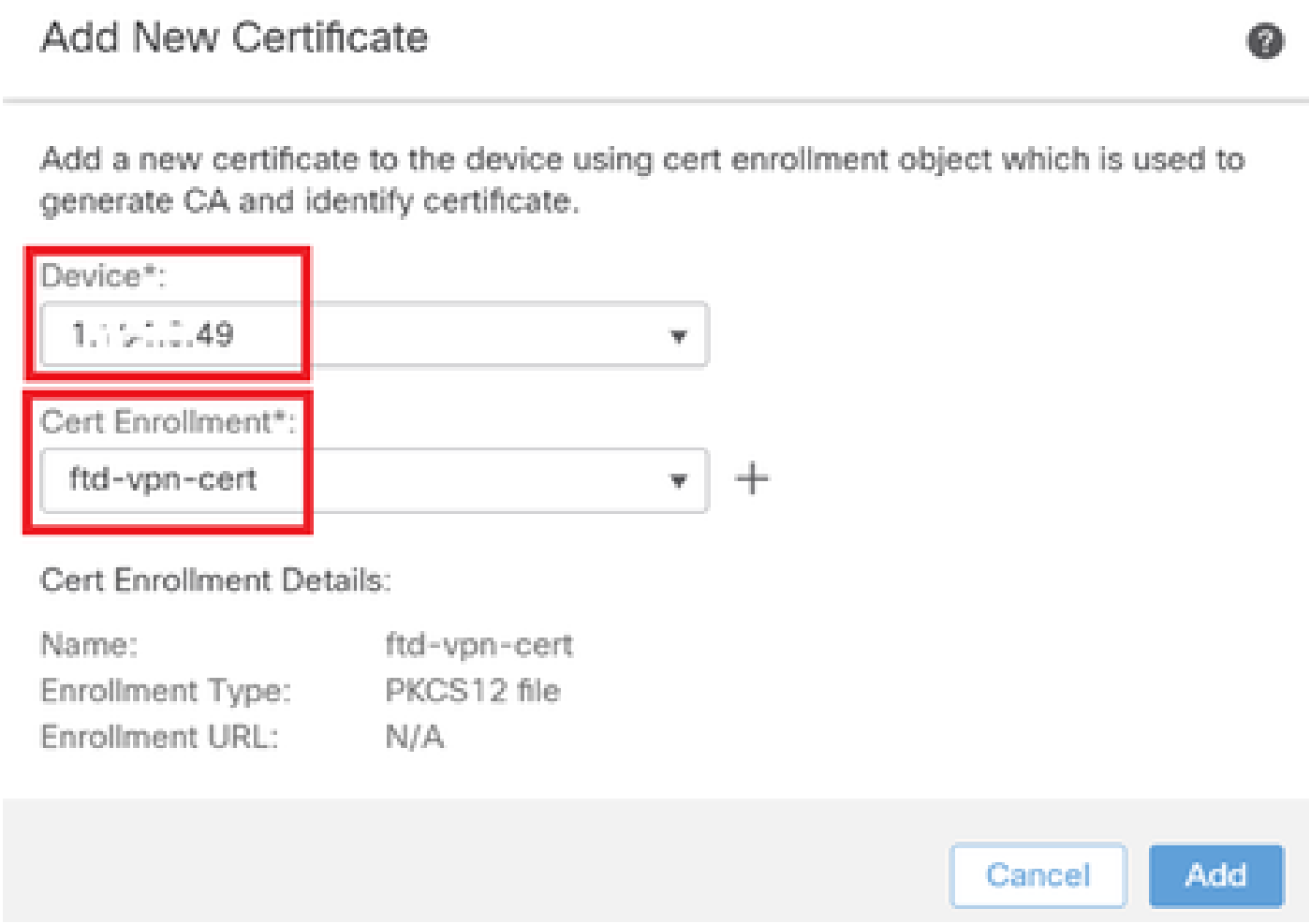
導航到裝置>證書，點選增加按鈕。



新增FTD憑證

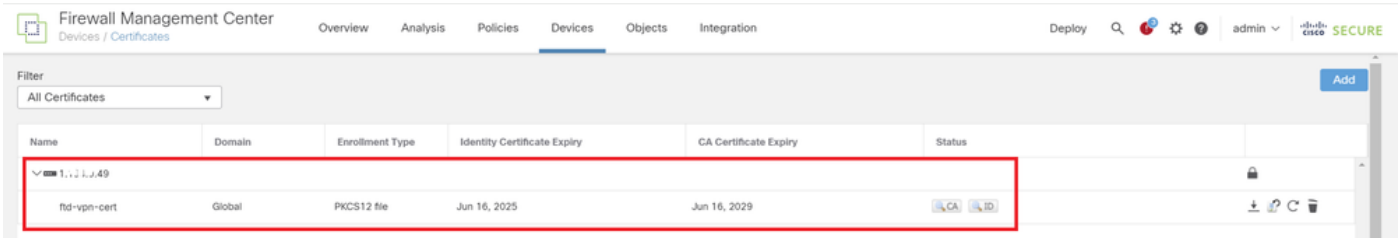
輸入將新憑證註冊連結到FTD的必要資訊。

- 裝置：1.x.x.49
- 證書註冊：ftd-vpn-cert



將憑證連結到FTD

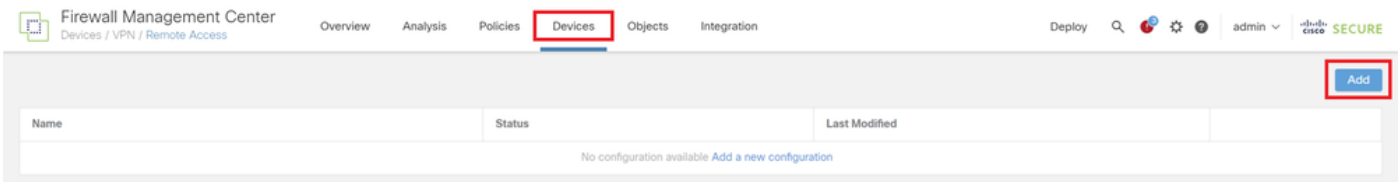
確認憑證繫結的狀態。



憑證繫結的狀態

步驟 6.為工程師連線配置檔案增加策略分配

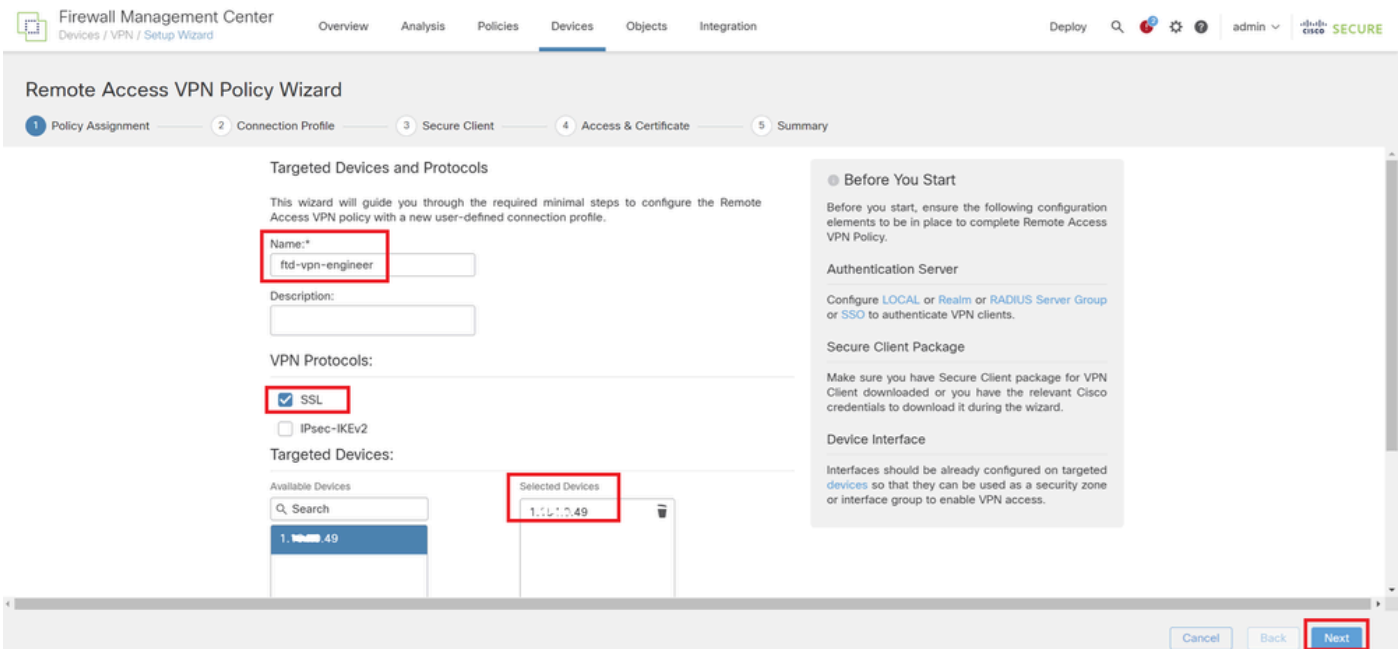
導航到Devices > VPN > Remote Access，Addbutton。



增加遠端訪問VPN

輸入必要資訊，然後按一下「下一步」按鈕。

- 名稱：ftd-vpn-engineer
- VPN協定：SSL
- 目標裝置：1.x.x.49



策略分配

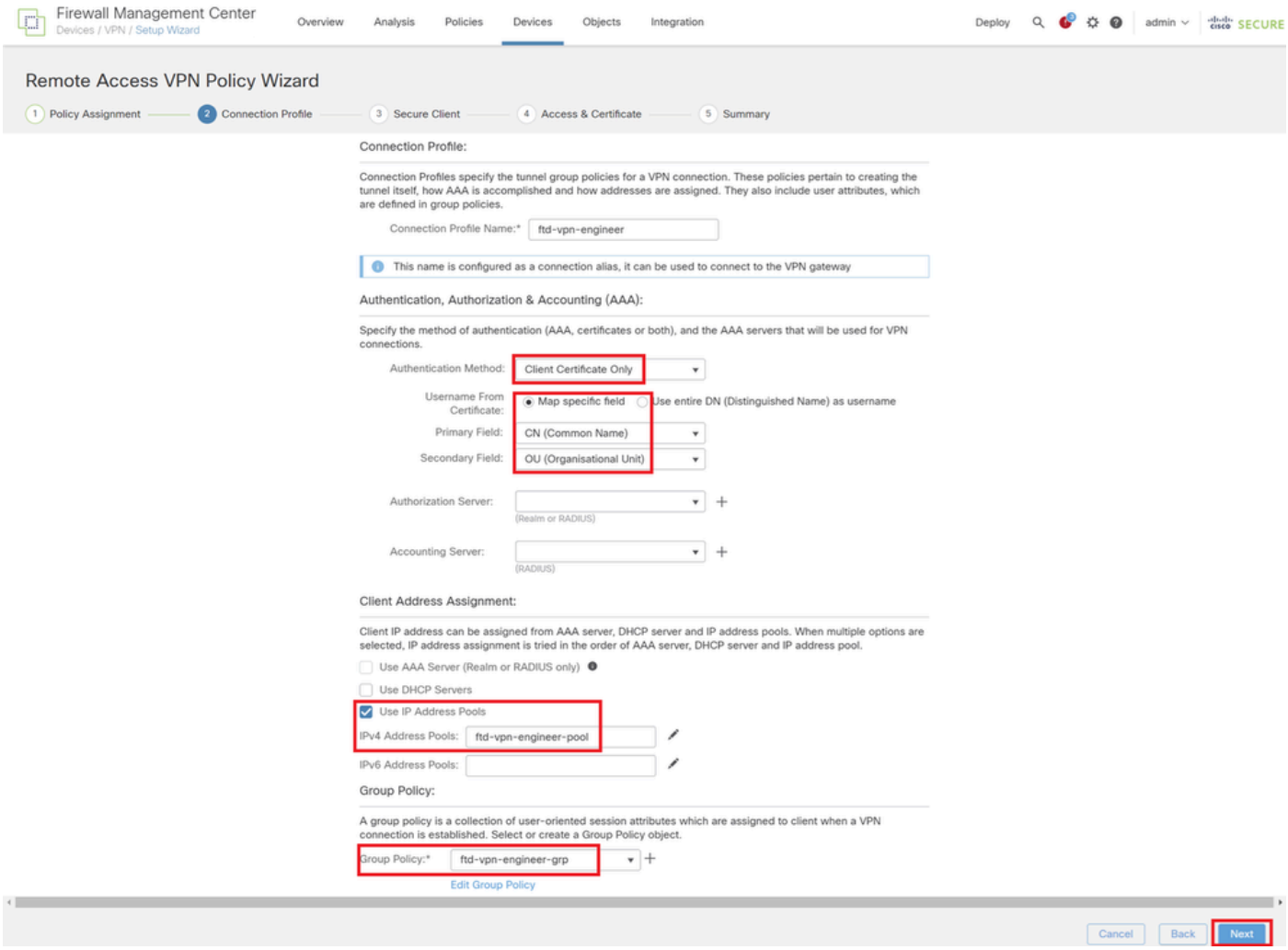
步驟 7.設定工程師連線設定檔的詳細資訊

輸入必要資訊，然後按一下「下一步」按鈕。

- 驗證方法：僅使用者端憑證
- 來自證書的使用者名稱：對映特定欄位

- 主要欄位：CN （一般名稱）
- 次要欄位：OU （組織單位）

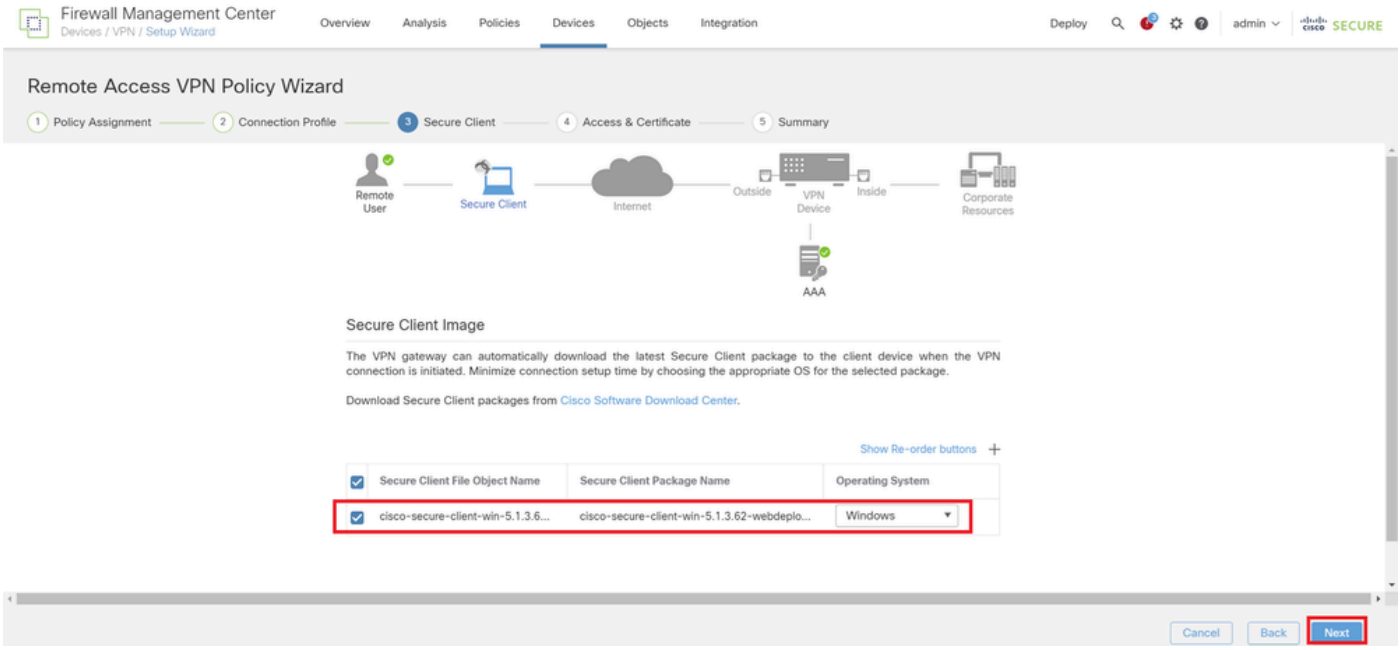
- IPv4地址池：ftd-vpn-engineer-pool
- 組策略：ftd-vpn-engineer-grp



連線設定檔的詳細資訊

步驟 8.為工程師連線配置檔案配置安全客戶端映像

選擇安全客戶端映像檔案，然後按一下Nextbutton。

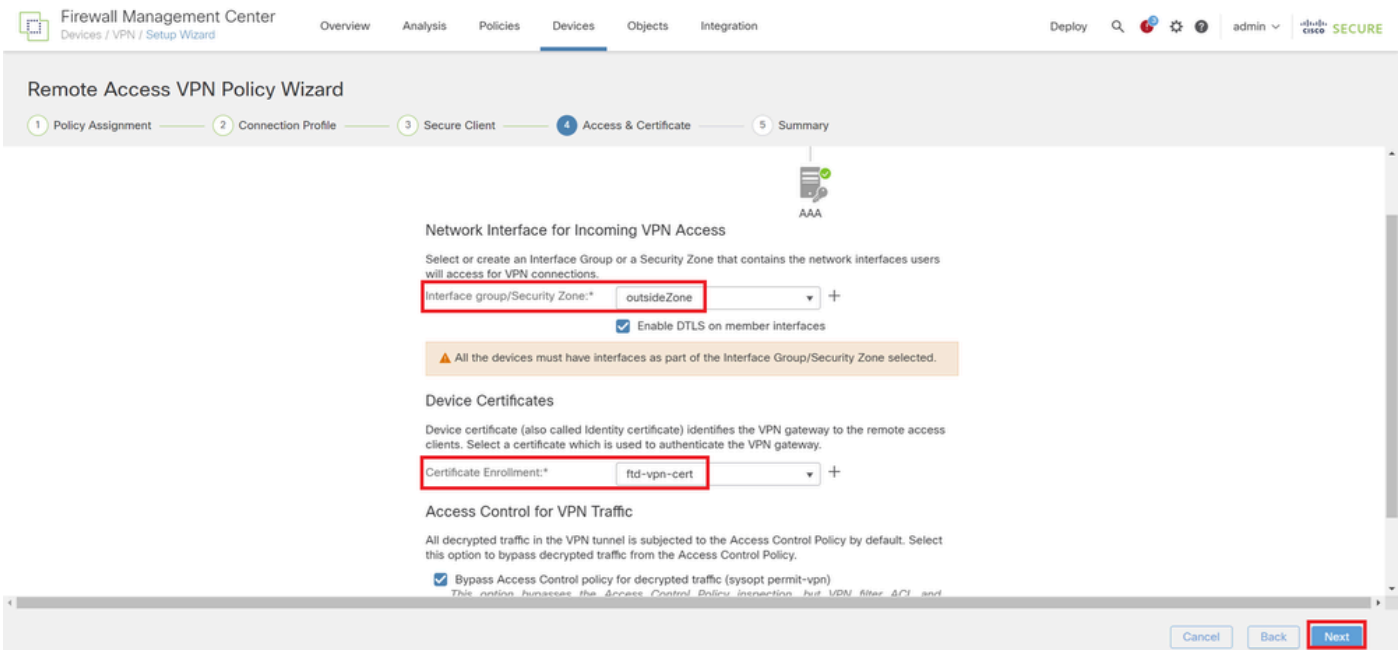


選取安全使用者端

步驟 9.配置工程師連線配置檔案的訪問和證書

為介面組/安全區域和證書註冊項選擇值，然後按一下下一步按鈕。

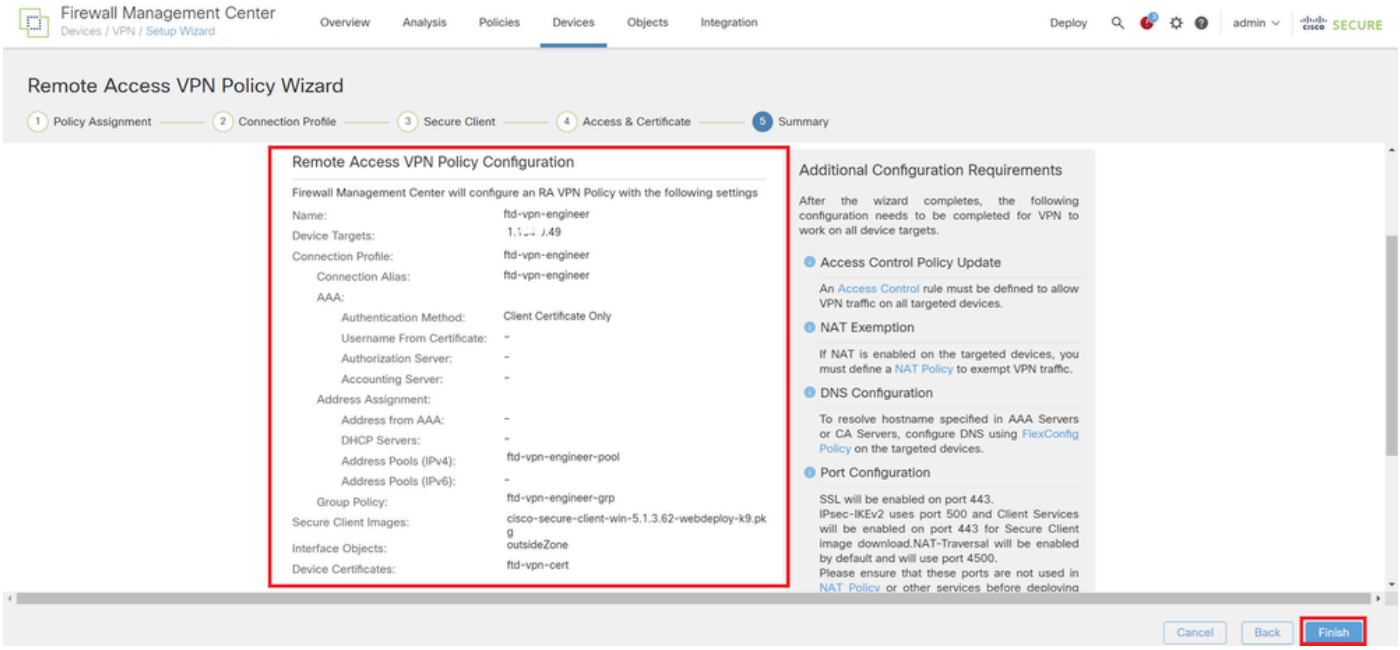
- 介面組/安全區域：outsideZone
- 憑證註冊：ftd-vpn-cert



訪問和證書的詳細資訊

步驟 10.確認工程師連線設定檔摘要

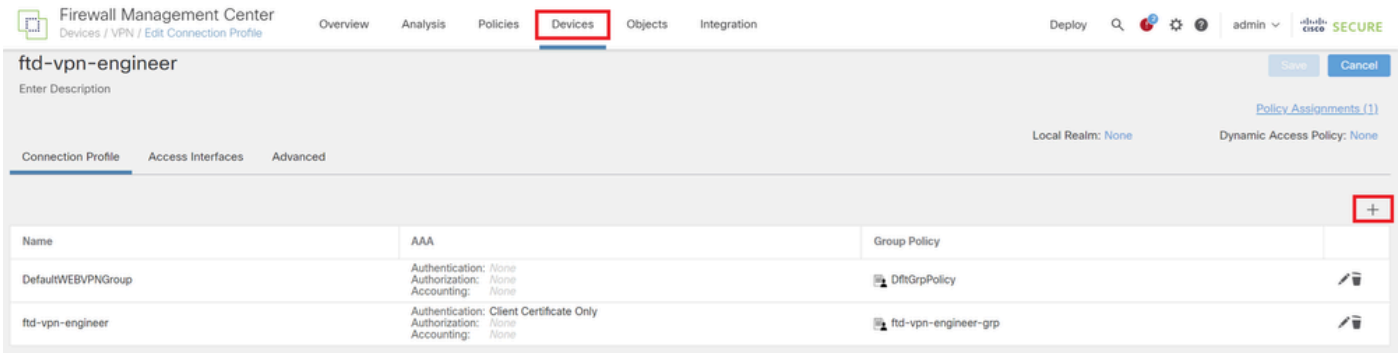
確認輸入的遠端訪問VPN策略資訊，然後按一下Finish按鈕。



遠端訪問VPN策略的詳細資訊

步驟 11.為Manager VPN客戶端增加連線配置檔案

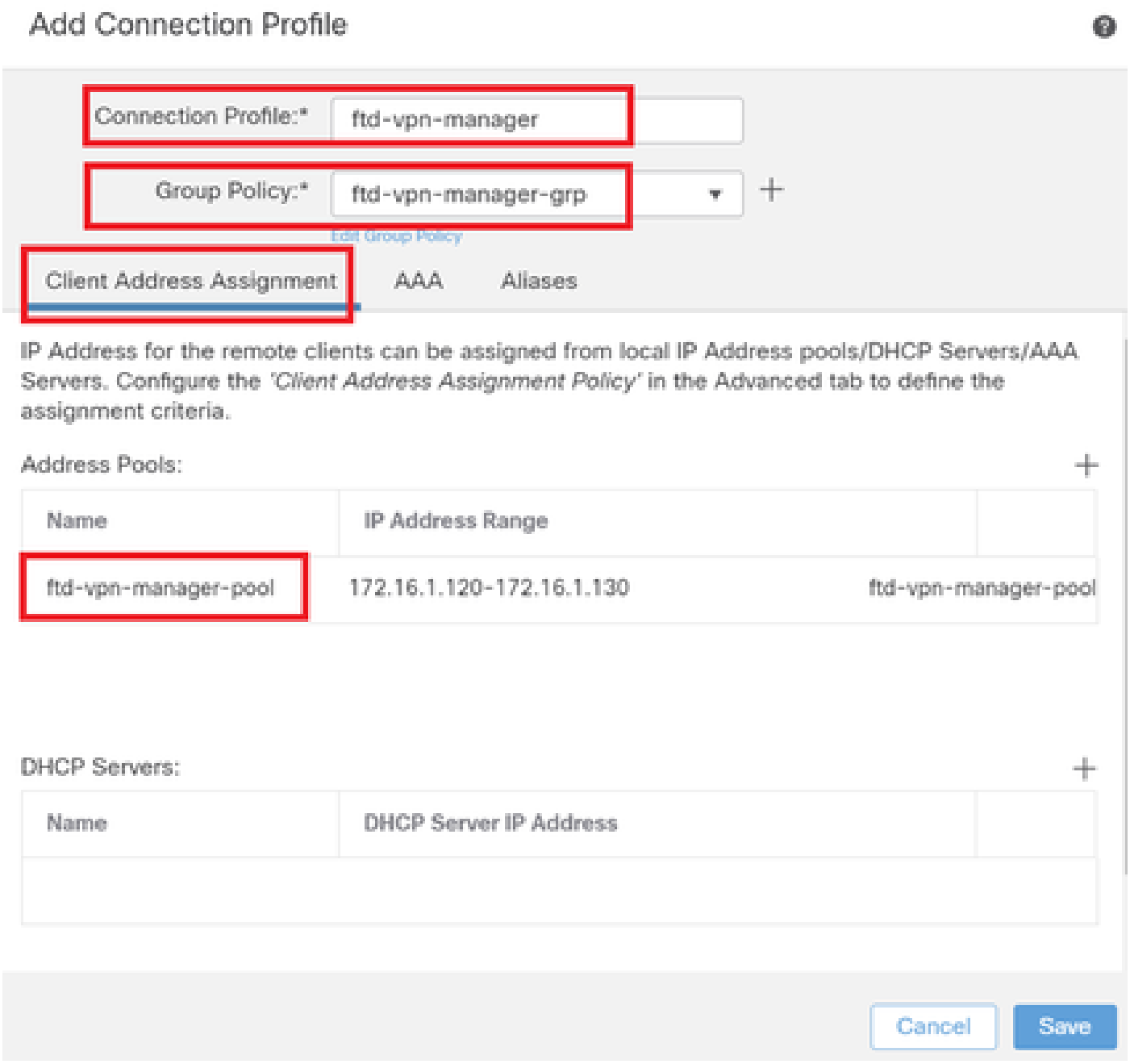
導航到Devices > VPN > Remote Access > Connection Profile，按一下+按鈕。



為Manager VPN客戶端增加連線配置檔案

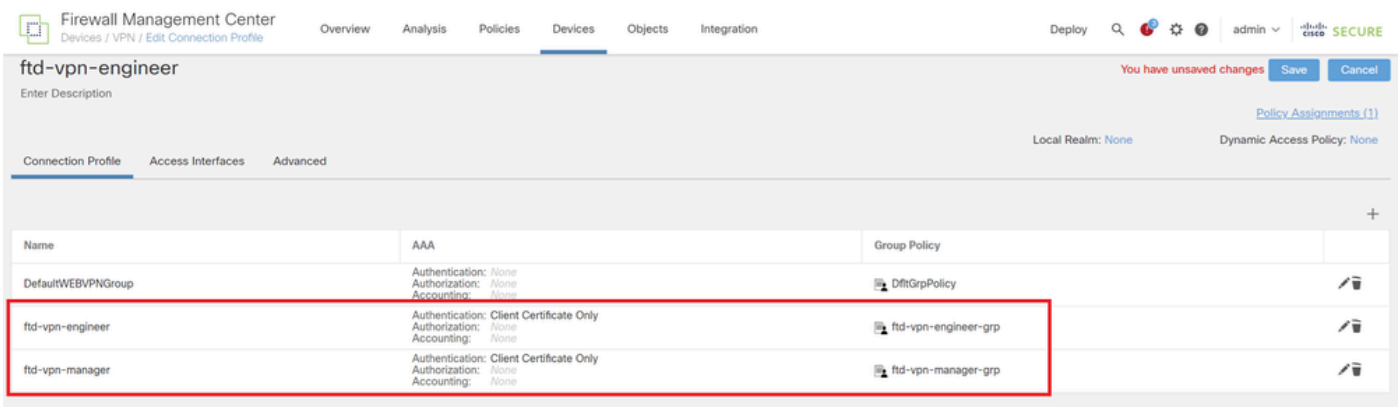
輸入連線配置檔案的必要資訊，然後按一下Save按鈕。

- 名稱：ftd-vpn-manager
- 組策略：ftd-vpn-manager-grp
- IPv4地址池：ftd-vpn-manager-pool



Manager VPN客戶端的連線配置檔案的詳細資訊

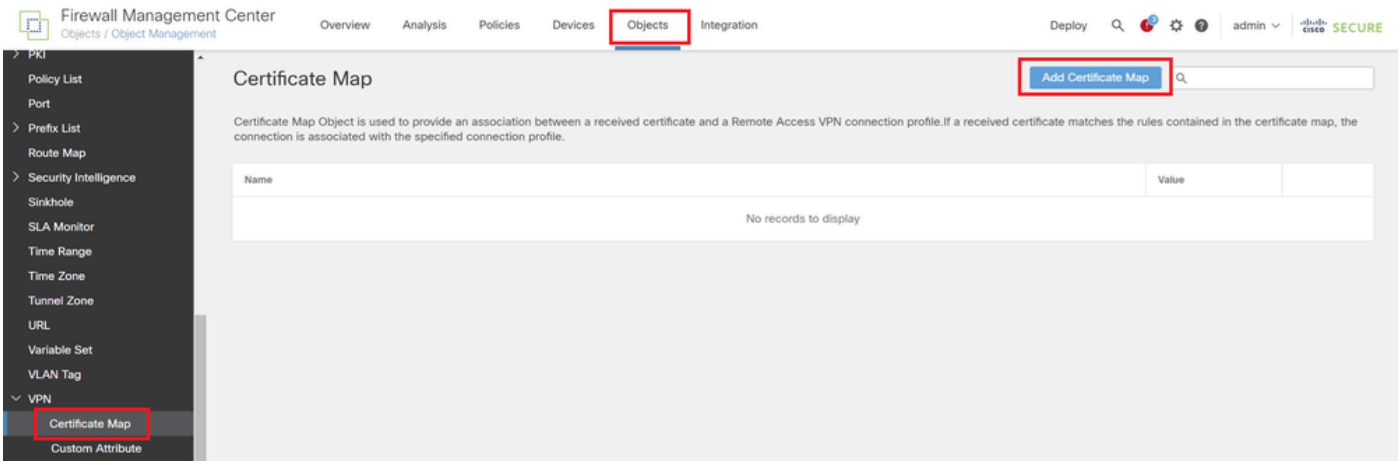
確認新增的連線設定檔。



確認增加的連線配置檔案

步驟 12.增加證書對映

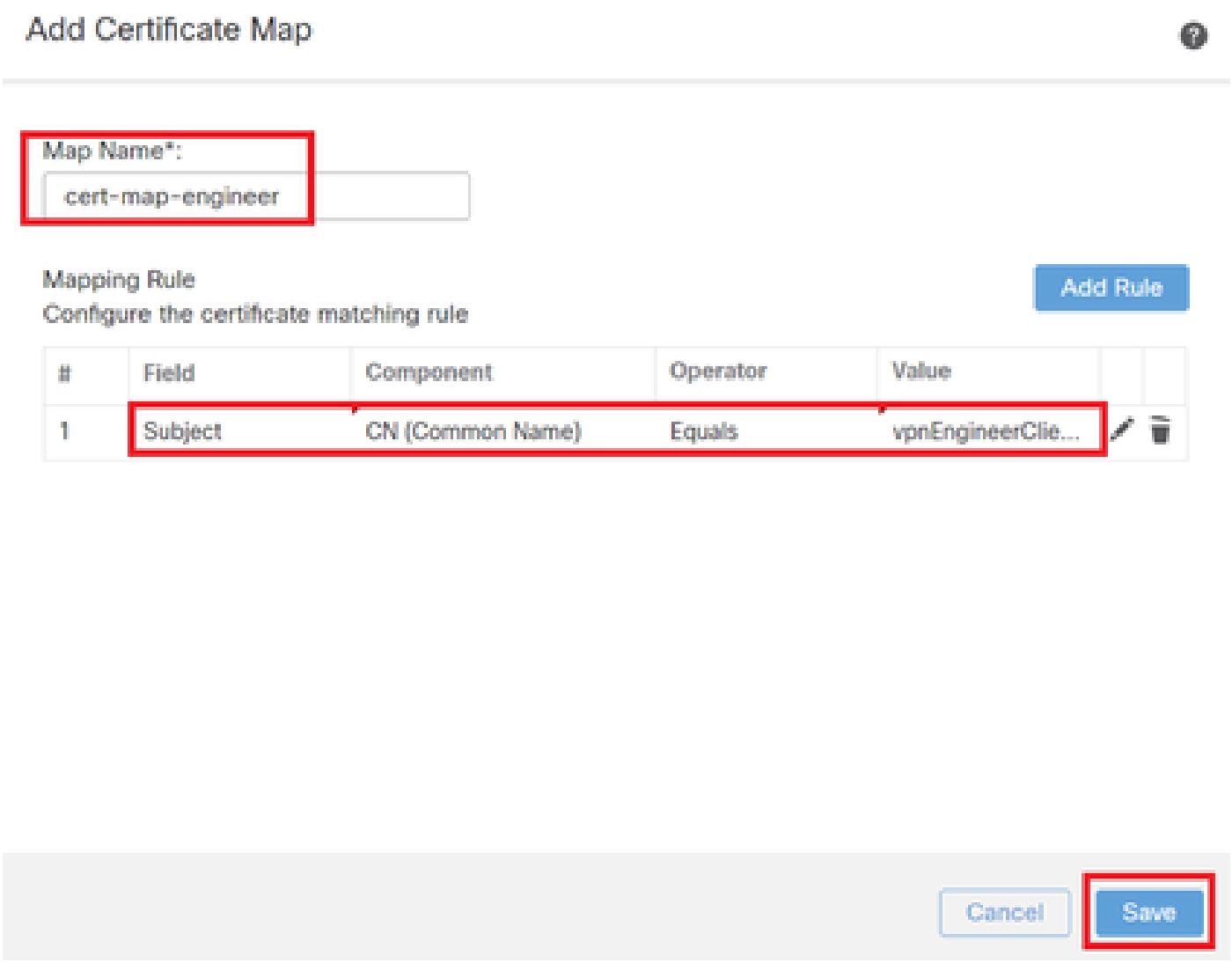
導航到對象>對象管理> VPN >證書對映，點選增加證書對映按鈕。



增加證書對映

輸入工程師VPN客戶端的證書對映所需的資訊，然後按一下Save按鈕。

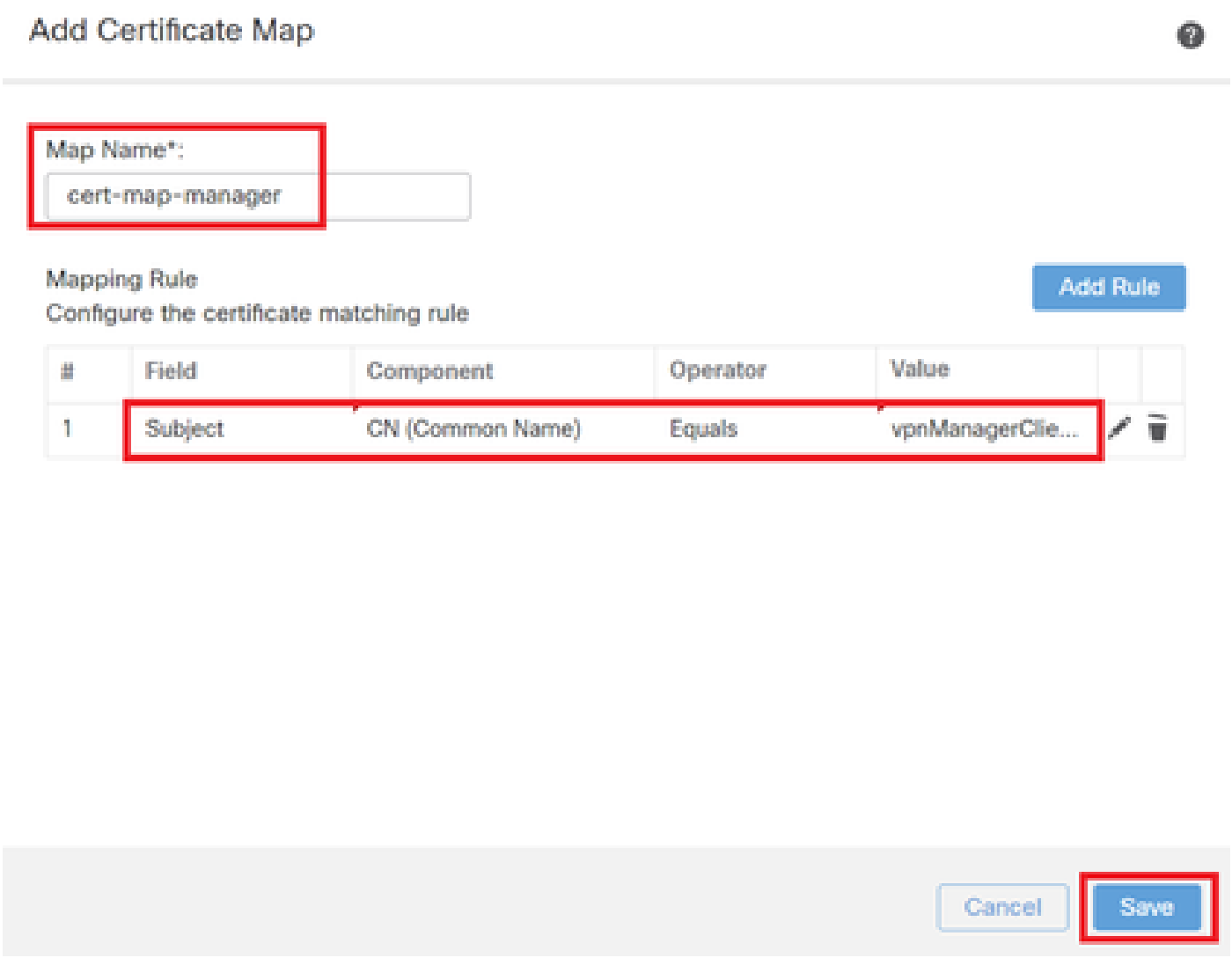
- 對映名稱：cert-map-engineer
- 對映規則：CN（公用名）等於vpnEngineerClientCN



Engineer Client的證書對映

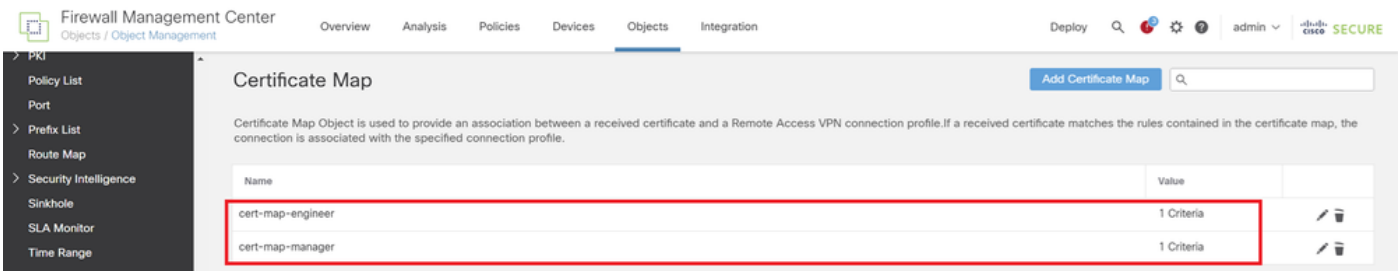
為管理器VPN客戶端的證書對映輸入必要資訊，然後按一下Save按鈕。

- 對映名稱：cert-map-manager
- 對映規則：CN（公用名）等於vpnManagerClientCN



Manager客戶端的證書對映

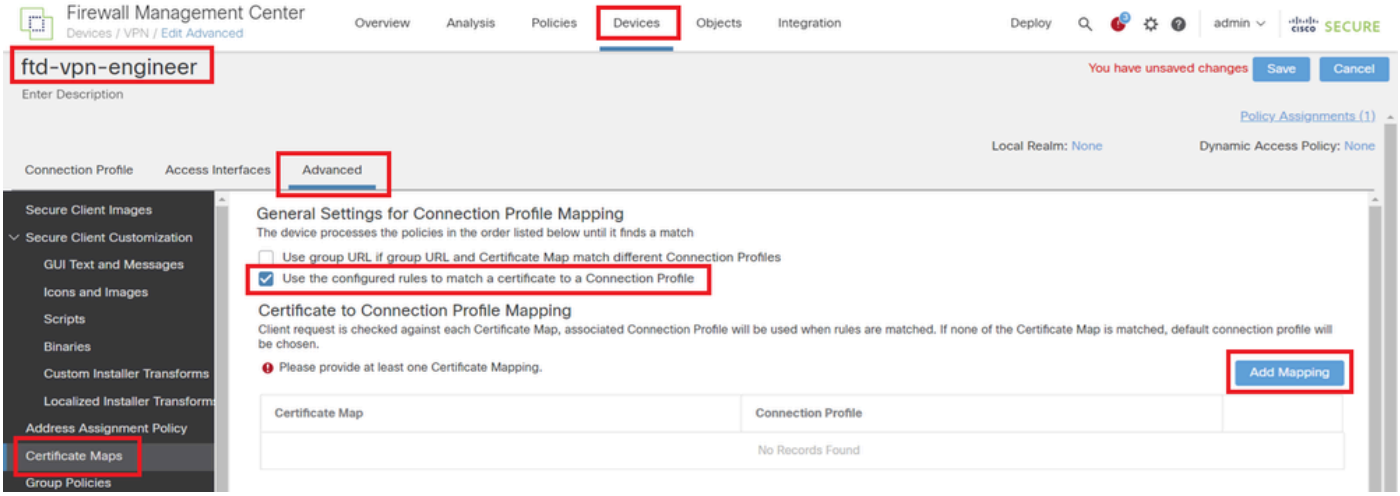
確認新增的憑證對應。



新憑證對應

步驟 13.將證書對映繫結到連線配置檔案

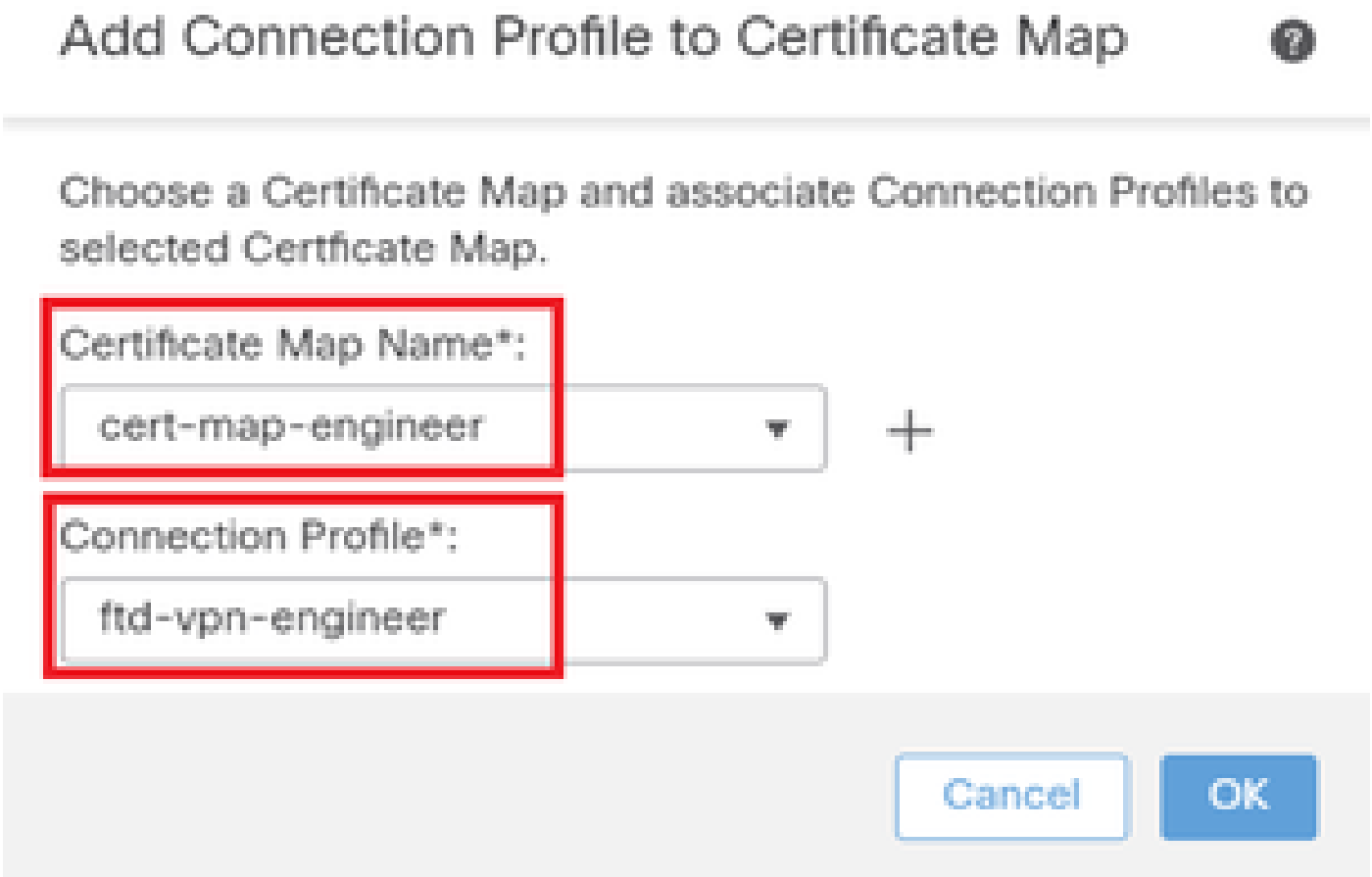
導覽至Devices > VPN > Remote Access，編輯ftd-vpn-engineer。 然後，導航到高級>證書對映，點選增加對映按鈕。



繫結證書對映

將證書對映繫結到工程師VPN客戶端的連線配置檔案。

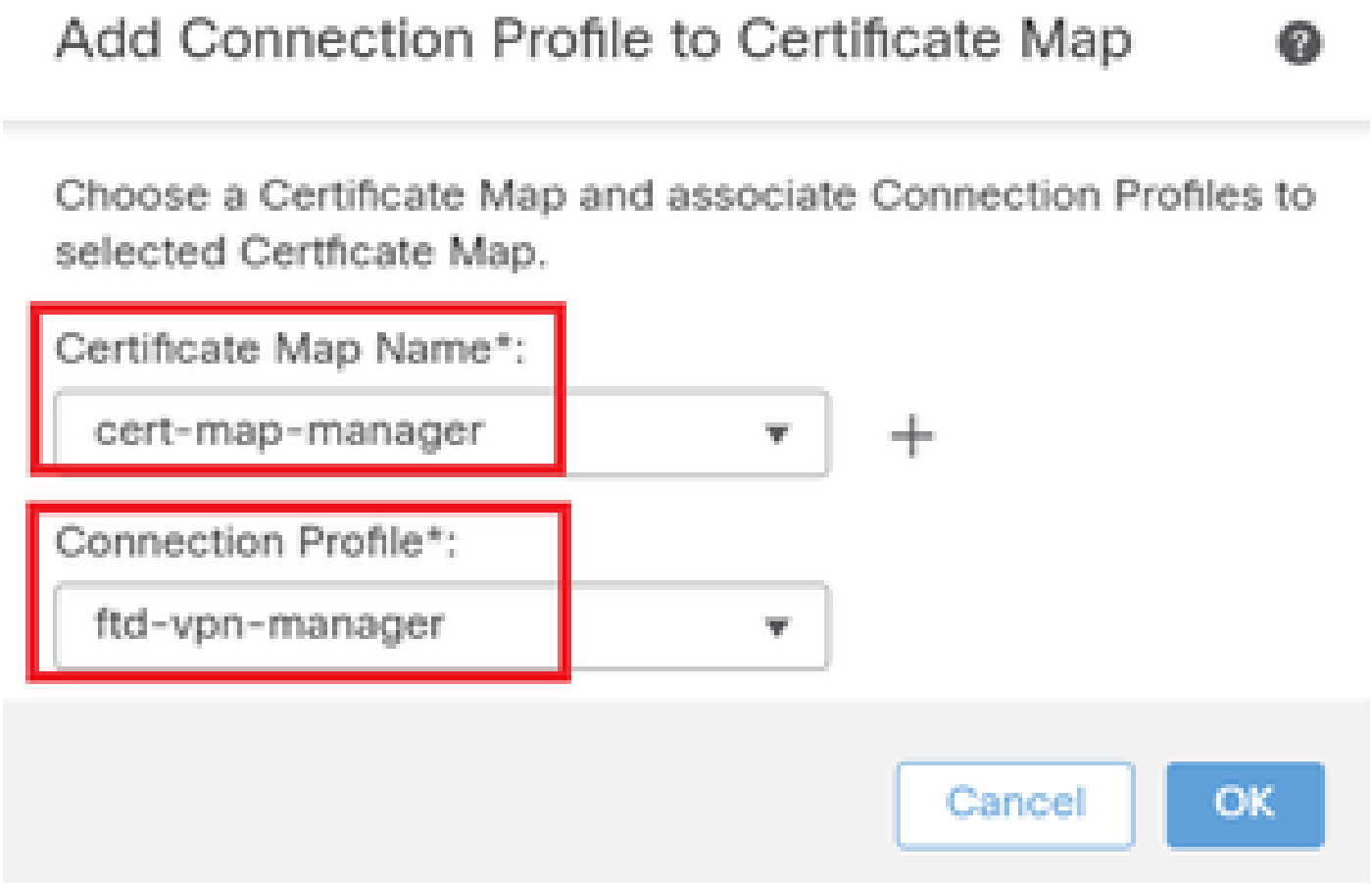
- 證書對映名稱：cert-map-engineer
- 連線Profile: ftd-vpn-engineer



工程師VPN客戶端的繫結證書對映

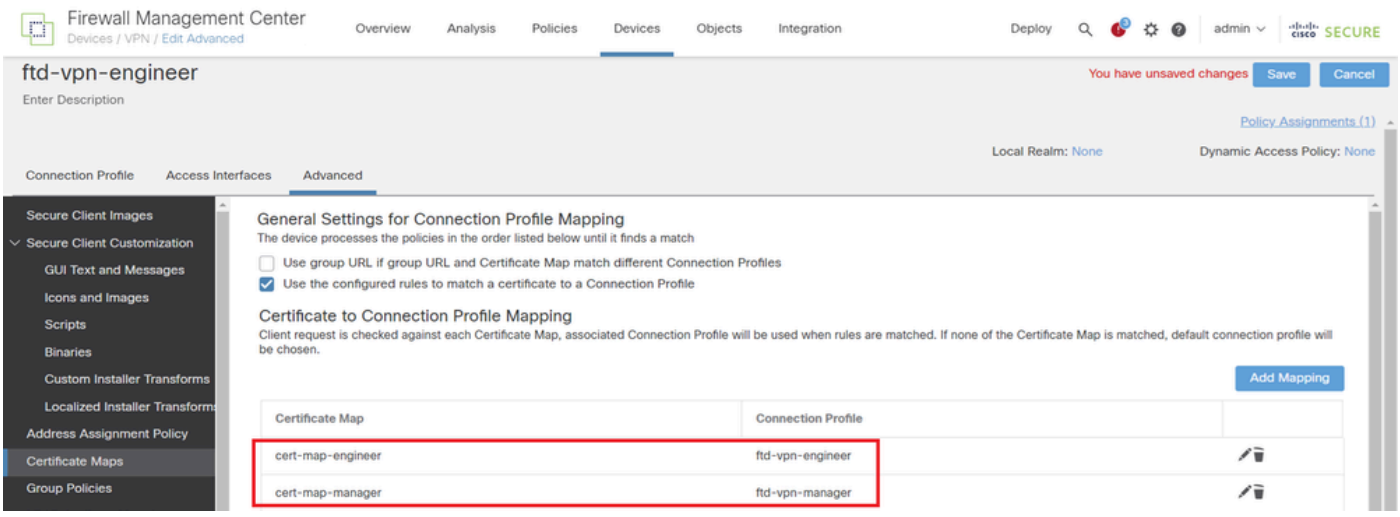
將證書對映繫結到管理器VPN客戶端的連線配置檔案。

- 證書對映名稱：cert-map-manager
- 連線配置檔案：ftd-vpn-manager



Manager VPN客戶端的繫結證書對映

確認憑證繫結的設定。



確認憑證繫結

在FTD CLI中確認

從FMC部署後，在FTD CLI中確認VPN連線設定。

```
// Defines IP of interface
interface GigabitEthernet0/0
```

```
nameif outside
security-level 0
ip address 192.168.1.200 255.255.255.0

// Defines a pool of addresses
ip local pool ftd-vpn-engineer-pool 172.16.1.100-172.16.1.110 mask 255.255.255.0
ip local pool ftd-vpn-manager-pool 172.16.1.120-172.16.1.130 mask 255.255.255.0

// Defines Trustpoint for Server Certificate
crypto ca trustpoint ftd-vpn-cert
keypair ftd-vpn-cert
crl configure

// Server Certificate Chain
crypto ca certificate chain ftd-vpn-cert
certificate 22413df584b6726c
3082037c 30820264 a0030201 02020822 413df584 b6726c30 0d06092a 864886f7
......
quit

certificate ca 5242a02e0db6f7fd
3082036c 30820254 a0030201 02020852 42a02e0d b6f7fd30 0d06092a 864886f7
......
quit

// Defines Certificate Map for Engineer VPN Clients
crypto ca certificate map cert-map-engineer 10
subject-name attr cn eq vpnEngineerClientCN

// Defines Certificate Map for Manager VPN Clients
crypto ca certificate map cert-map-manager 10
subject-name attr cn eq vpnManagerClientCN

// Configures the FTD to allow Cisco Secure Client connections and the valid Cisco Secure Client images
webvpn
enable outside
http-headers
hsts-server
enable
max-age 31536000
include-sub-domains
no preload
hsts-client
enable
x-content-type-options
x-xss-protection
content-security-policy
anyconnect image disk0:/csm/cisco-secure-client-win-5.1.3.62-webdeploy-k9.pkg 1 regex "Windows"
anyconnect enable
tunnel-group-list enable
cache
disable
certificate-group-map cert-map-engineer 10 ftd-vpn-engineer
certificate-group-map cert-map-manager 10 ftd-vpn-manager
error-recovery disable

// Configures the group-policy to allow SSL connections from manager VPN clients
group-policy ftd-vpn-manager-grp internal
group-policy ftd-vpn-manager-grp attributes
banner none
wins-server none
dns-server none
```

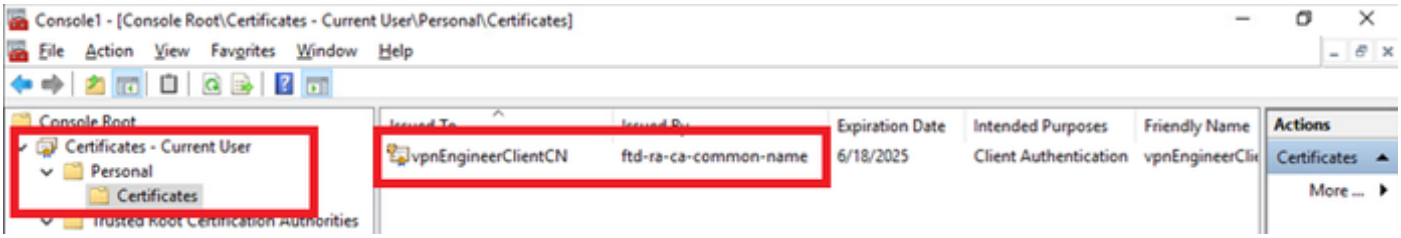
```
dhcp-network-scope none
vpn-simultaneous-logins 3
vpn-idle-timeout 30
vpn-idle-timeout alert-interval 1
vpn-session-timeout none
vpn-session-timeout alert-interval 1
vpn-filter none
vpn-tunnel-protocol ikev2 ssl-client
split-tunnel-policy tunnelall
ipv6-split-tunnel-policy tunnelall
split-tunnel-network-list none
default-domain none
split-dns none
split-tunnel-all-dns disable
client-bypass-protocol disable
vlan none
address-pools none
webvpn
anyconnect ssl dtls enable
anyconnect mtu 1406
anyconnect firewall-rule client-interface public none
anyconnect firewall-rule client-interface private none
anyconnect ssl keepalive 20
anyconnect ssl rekey time none
anyconnect ssl rekey method none
anyconnect dpd-interval client 30
anyconnect dpd-interval gateway 30
anyconnect ssl compression none
anyconnect dtls compression none
anyconnect modules value none
anyconnect ask none default anyconnect
anyconnect ssl df-bit-ignore disable

// Configures the group-policy to allow SSL connections from engineer VPN clients
group-policy ftd-vpn-engineer-grp internal
group-policy ftd-vpn-engineer-grp attributes
banner none
wins-server none
dns-server none
dhcp-network-scope none
vpn-simultaneous-logins 3
vpn-idle-timeout 30
vpn-idle-timeout alert-interval 1
vpn-session-timeout none
vpn-session-timeout alert-interval 1
vpn-filter none
vpn-tunnel-protocol ssl-client
split-tunnel-policy tunnelall
ipv6-split-tunnel-policy tunnelall
split-tunnel-network-list none
default-domain none
split-dns none
split-tunnel-all-dns disable
client-bypass-protocol disable
vlan none
address-pools none
webvpn
anyconnect ssl dtls enable
anyconnect mtu 1406
anyconnect firewall-rule client-interface public none
anyconnect firewall-rule client-interface private none
anyconnect ssl keepalive 20
```

```
anyconnect ssl rekey time none
anyconnect ssl rekey method none
anyconnect dpd-interval client 30
anyconnect dpd-interval gateway 30
anyconnect ssl compression none
anyconnect dtls compression none
anyconnect modules value none
anyconnect ask none default anyconnect
anyconnect ssl df-bit-ignore disable

// Configures the tunnel-group to use the certificate authentication for engineer VPN clients
tunnel-group ftd-vpn-engineer type remote-access
tunnel-group ftd-vpn-engineer general-attributes
address-pool ftd-vpn-engineer-pool
default-group-policy ftd-vpn-engineer-grp
tunnel-group ftd-vpn-engineer webvpn-attributes
authentication certificate
group-alias ftd-vpn-engineer enable

// Configures the tunnel-group to use the certificate authentication for manager VPN clients
tunnel-group ftd-vpn-manager type remote-access
tunnel-group ftd-vpn-manager general-attributes
address-pool ftd-vpn-manager-pool
default-group-policy ftd-vpn-manager-grp
tunnel-group ftd-vpn-manager webvpn-attributes
authentication certificate
```

在VPN客戶端中確認

步驟 1.確認使用者端憑證

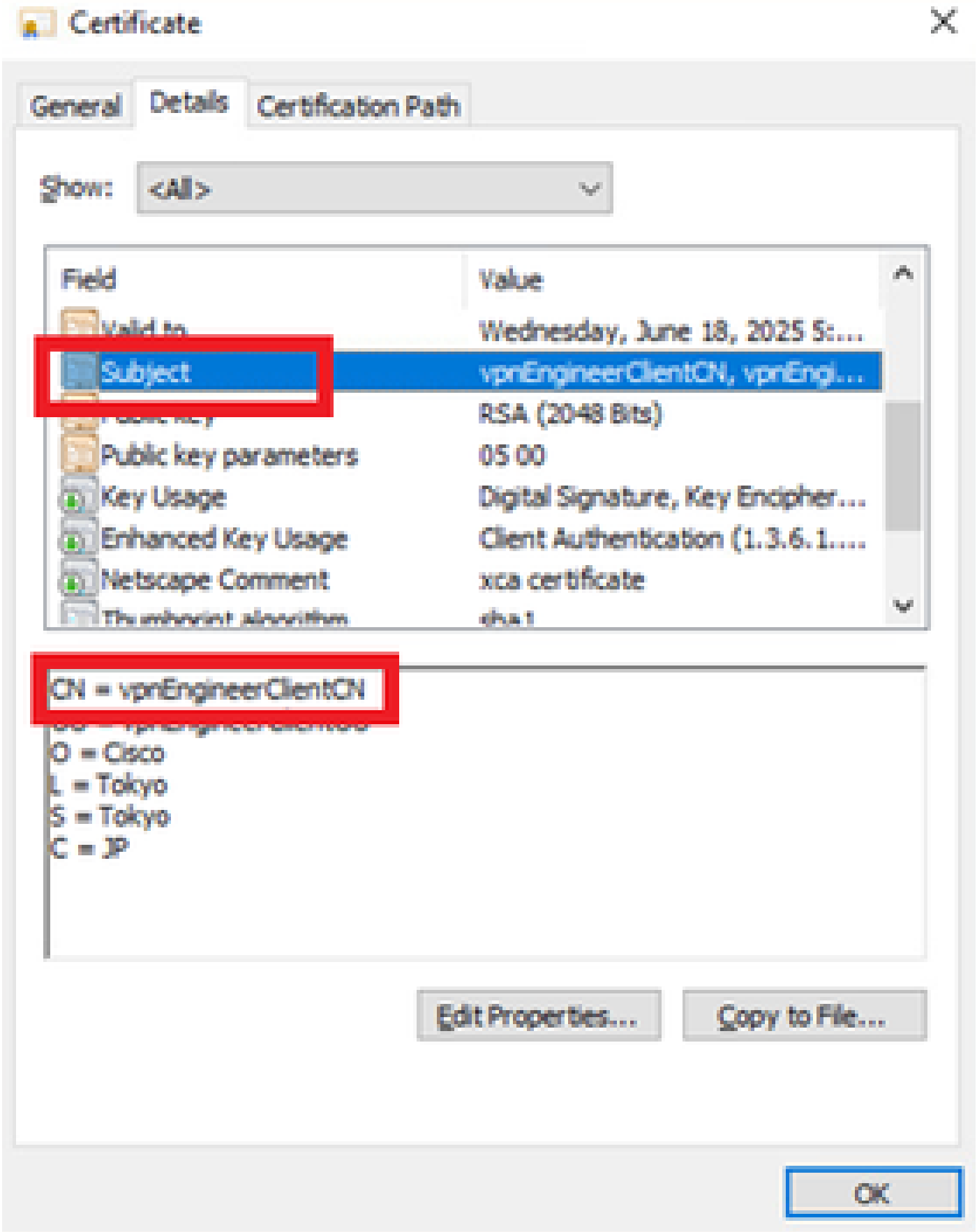
在工程VPN客戶端中，導航到證書- Current User > Personal > Certificates，檢查用於身份驗證的客戶端證書。



確認工程師VPN客戶端的證書

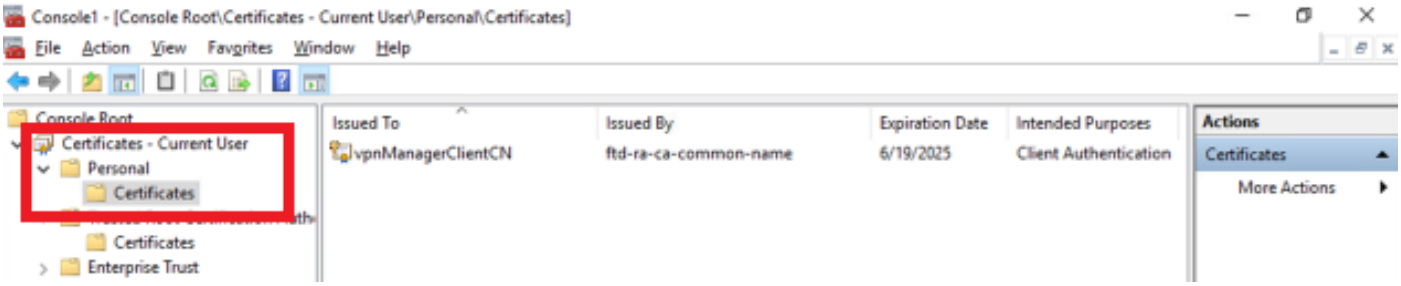
按兩下客戶端證書，導航至詳細資訊，檢查主題的詳細資訊。

- 主題：CN = vpnEngineerClientCN



工程師客戶端證書的詳細資訊

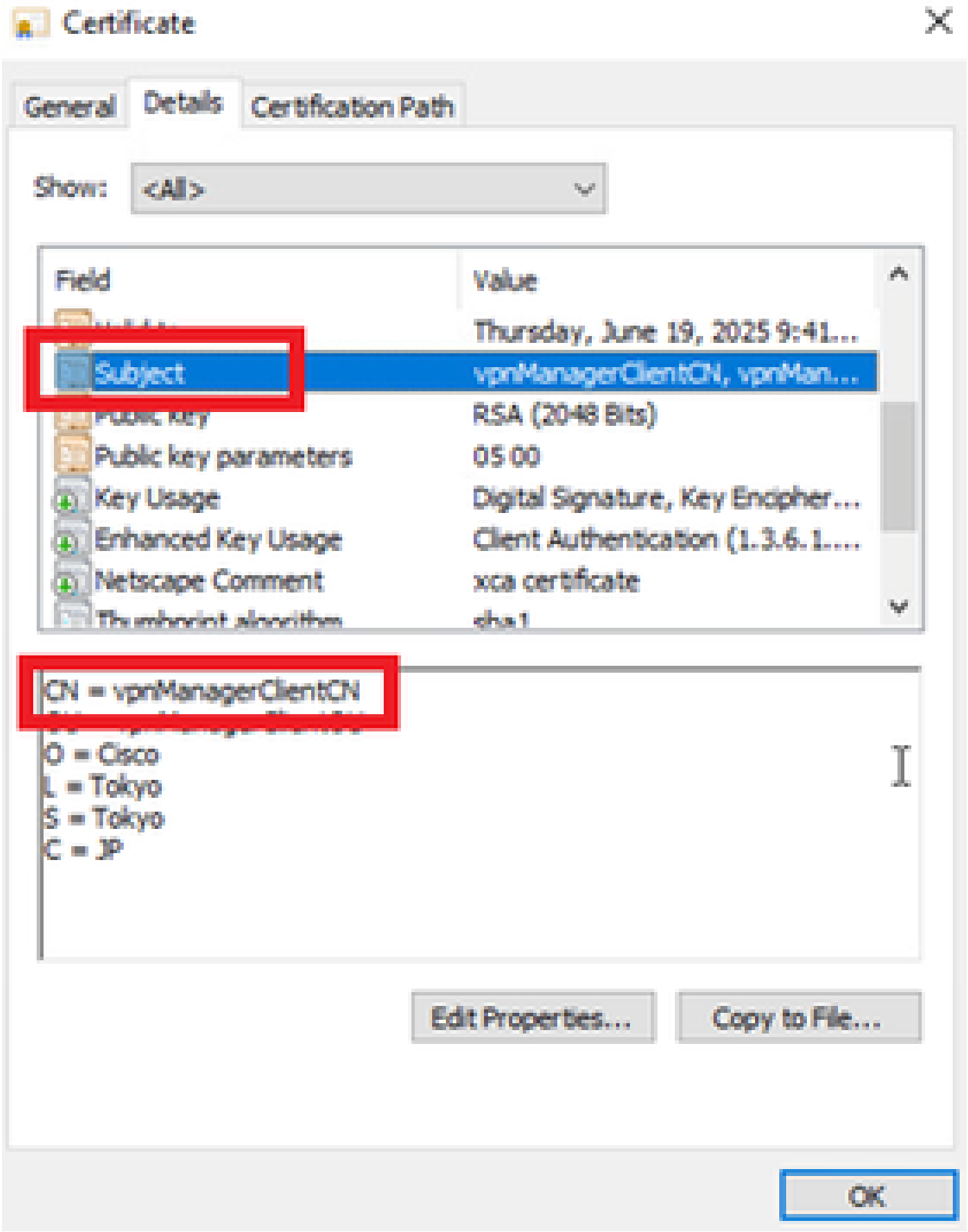
在Manager VPN客戶端中，導航到Certificates - Current User > Personal > Certificates，檢查用於身份驗證的客戶端證書。



確認Manager VPN客戶端的證書

按兩下客戶端證書，導航至詳細資訊，檢查主題的詳細資訊。

- 主題：CN = vpnManagerClientCN

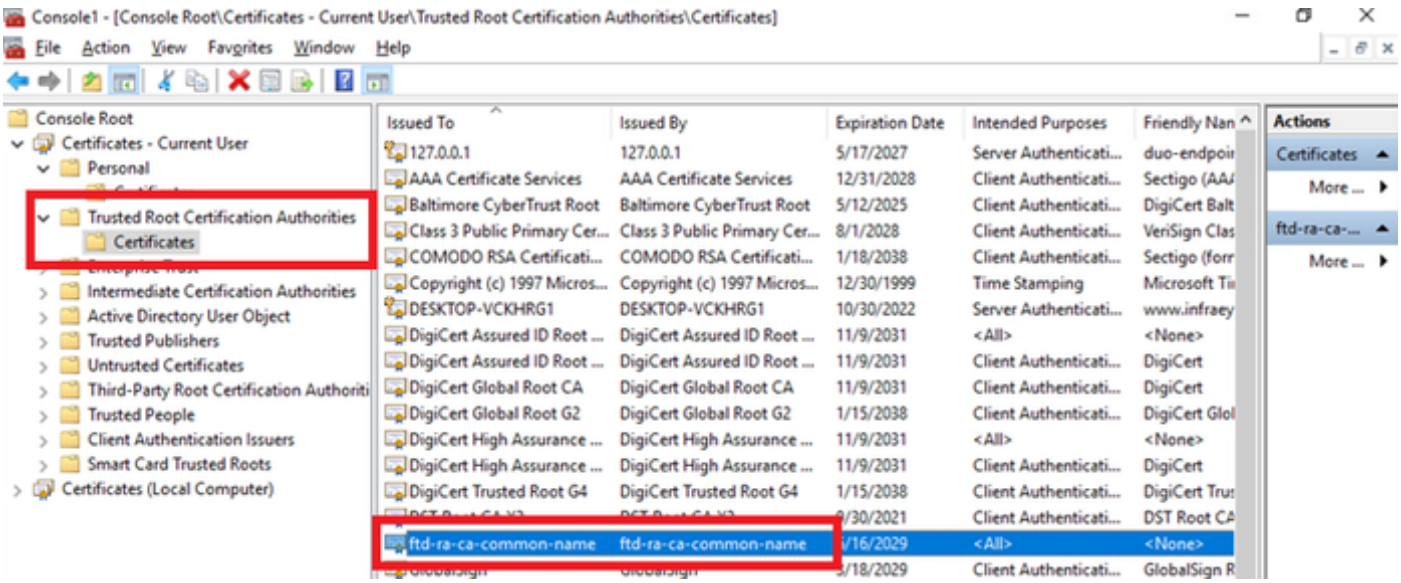


Manager客戶端證書的詳細資訊

步驟 2.確認CA

在工程VPN客戶端和管理器VPN客戶端中，導航到證書-當前使用者>受信任的根證書頒發機構>證書，檢查用於身份驗證的CA。

- 頒發者：ftd-ra-ca-common-name

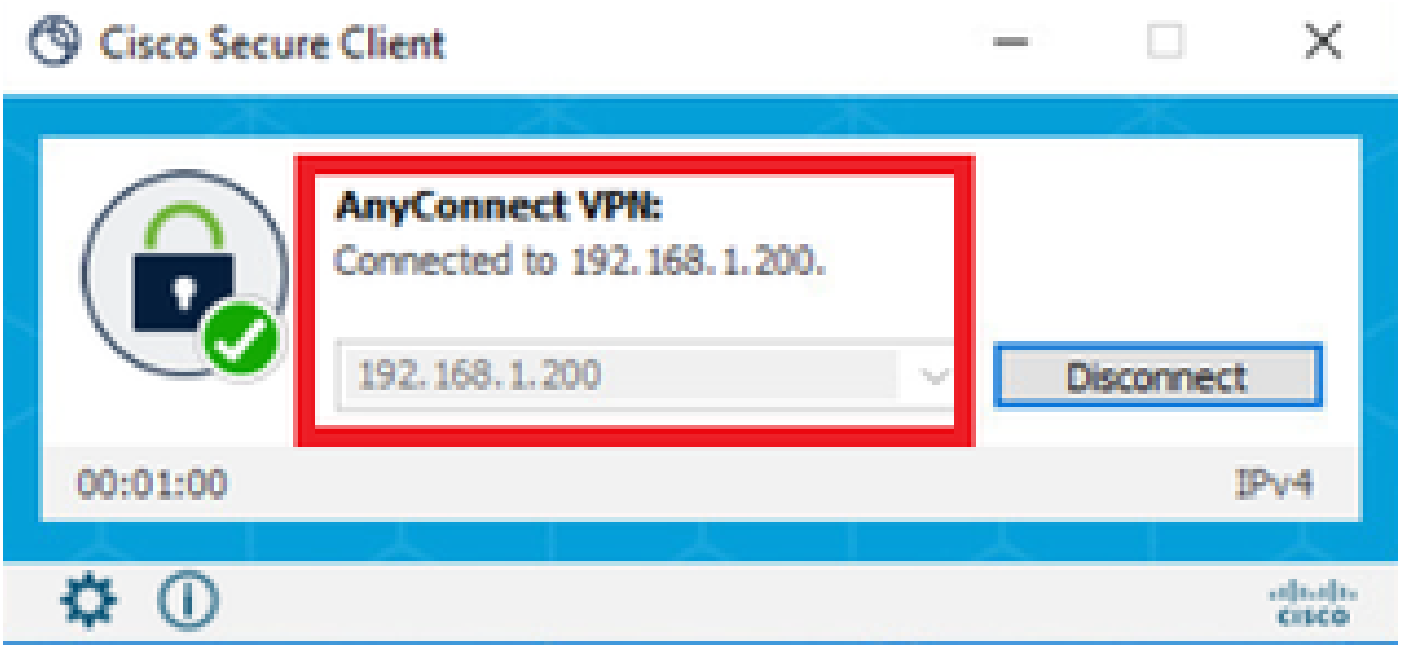


確認CA

驗證

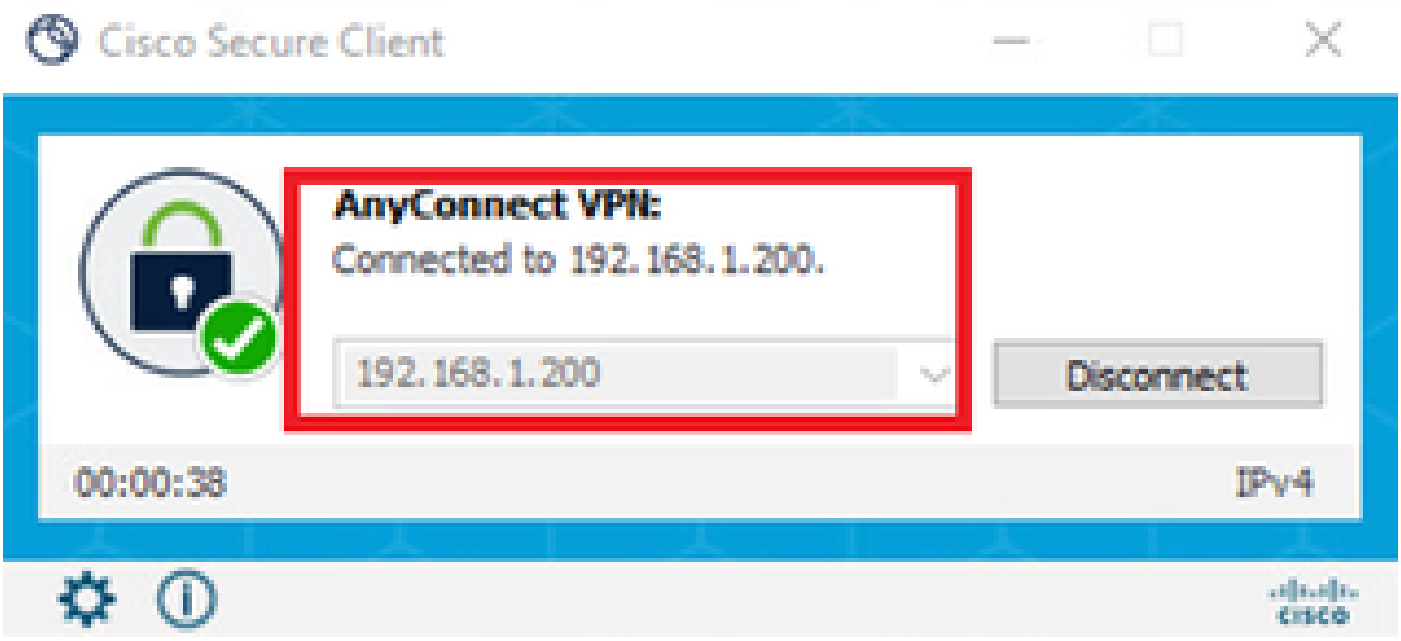
步驟 1.啟動VPN連線

在工程VPN客戶端中，啟動Cisco Secure Client連線。無需輸入使用者名稱和密碼，VPN連線成功。



從工程師客戶端啟動VPN連線

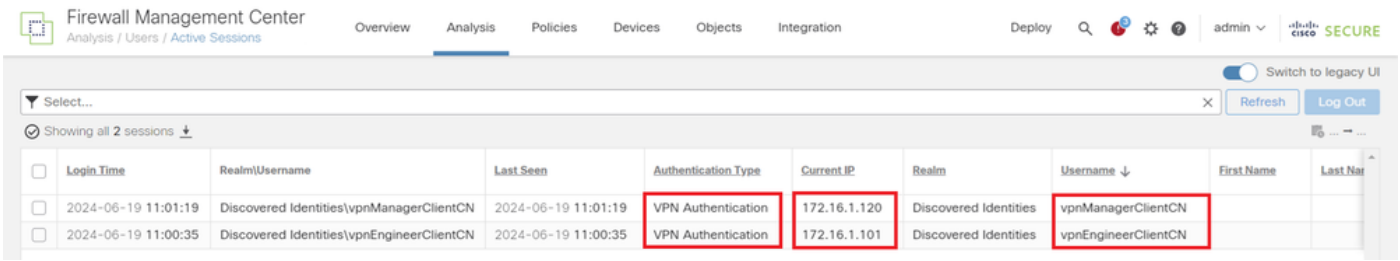
在Manager VPN客戶端中，啟動Cisco Secure Client連線。無需輸入使用者名稱和密碼，VPN連線成功。



從管理器客戶端啟動VPN連線

步驟 2.確認FMC中的活動會話

導航到Analysis > Users > Active Sessions，檢查VPN身份驗證的活動會話。



確認活動會話

步驟 3.在FTD CLI中確認VPN作業階段

在FTD (Lina) CLI中執行show vpn-sessiondb detail anyconnect命令，以確認工程師和管理員的VPN作業階段。

```
ftd702# show vpn-sessiondb detail anyconnect

Session Type: AnyConnect Detailed

Username : vpnEngineerClientCN Index : 13
Assigned IP : 172.16.1.101 Public IP : 192.168.1.11
Protocol : AnyConnect-Parent SSL-Tunnel DTLS-Tunnel
License : AnyConnect Premium
Encryption : AnyConnect-Parent: (1)none SSL-Tunnel: (1)AES-GCM-128 DTLS-Tunnel: (1)AES-GCM-256
Hashing : AnyConnect-Parent: (1)none SSL-Tunnel: (1)SHA256 DTLS-Tunnel: (1)SHA384
Bytes Tx : 14782 Bytes Rx : 12714
Pkts Tx : 2 Pkts Rx : 32
Pkts Tx Drop : 0 Pkts Rx Drop : 0
Group Policy : ftd-vpn-engineer-grp Tunnel Group : ftd-vpn-engineer
Login Time : 02:00:35 UTC Wed Jun 19 2024
```

Duration : 0h:00m:55s
Inactivity : 0h:00m:00s
VLAN Mapping : N/A VLAN : none
Audt Sess ID : cb0071820000d00066723bc3
Security Grp : none Tunnel Zone : 0

AnyConnect-Parent Tunnels: 1
SSL-Tunnel Tunnels: 1
DTLS-Tunnel Tunnels: 1

AnyConnect-Parent:
Tunnel ID : 13.1
Public IP : 192.168.1.11
Encryption : none Hashing : none
TCP Src Port : 50225 TCP Dst Port : 443
Auth Mode : Certificate
Idle Time Out: 30 Minutes Idle TO Left : 29 Minutes
Client OS : win
Client OS Ver: 10.0.15063
Client Type : AnyConnect
Client Ver : Cisco AnyConnect VPN Agent for Windows 5.1.3.62
Bytes Tx : 7391 Bytes Rx : 0
Pkts Tx : 1 Pkts Rx : 0
Pkts Tx Drop : 0 Pkts Rx Drop : 0

SSL-Tunnel:
Tunnel ID : 13.2
Assigned IP : 172.16.1.101 Public IP : 192.168.1.11
Encryption : AES-GCM-128 Hashing : SHA256
Ciphersuite : TLS_AES_128_GCM_SHA256
Encapsulation: TLSv1.3 TCP Src Port : 50232
TCP Dst Port : 443 Auth Mode : Certificate
Idle Time Out: 30 Minutes Idle TO Left : 29 Minutes
Client OS : Windows
Client Type : SSL VPN Client
Client Ver : Cisco AnyConnect VPN Agent for Windows 5.1.3.62
Bytes Tx : 7391 Bytes Rx : 1775
Pkts Tx : 1 Pkts Rx : 2
Pkts Tx Drop : 0 Pkts Rx Drop : 0

DTLS-Tunnel:
Tunnel ID : 13.3
Assigned IP : 172.16.1.101 Public IP : 192.168.1.11
Encryption : AES-GCM-256 Hashing : SHA384
Ciphersuite : ECDHE-ECDSA-AES256-GCM-SHA384
Encapsulation: DTLSv1.2 UDP Src Port : 50825
UDP Dst Port : 443 Auth Mode : Certificate
Idle Time Out: 30 Minutes Idle TO Left : 29 Minutes
Client OS : Windows
Client Type : DTLS VPN Client
Client Ver : Cisco AnyConnect VPN Agent for Windows 5.1.3.62
Bytes Tx : 0 Bytes Rx : 10939
Pkts Tx : 0 Pkts Rx : 30
Pkts Tx Drop : 0 Pkts Rx Drop : 0

Username : vpnManagerClientCN Index : 14
Assigned IP : 172.16.1.120 Public IP : 192.168.1.21
Protocol : AnyConnect-Parent SSL-Tunnel DTLS-Tunnel
License : AnyConnect Premium

Encryption : AnyConnect-Parent: (1)none SSL-Tunnel: (1)AES-GCM-128 DTLS-Tunnel: (1)AES-GCM-256
Hashing : AnyConnect-Parent: (1)none SSL-Tunnel: (1)SHA256 DTLS-Tunnel: (1)SHA384
Bytes Tx : 14782 Bytes Rx : 13521
Pkts Tx : 2 Pkts Rx : 57
Pkts Tx Drop : 0 Pkts Rx Drop : 0
Group Policy : ftd-vpn-manager-grp Tunnel Group : ftd-vpn-manager
Login Time : 02:01:19 UTC Wed Jun 19 2024
Duration : 0h:00m:11s
Inactivity : 0h:00m:00s
VLAN Mapping : N/A VLAN : none
Audt Sess ID : cb0071820000e00066723bef
Security Grp : none Tunnel Zone : 0

AnyConnect-Parent Tunnels: 1
SSL-Tunnel Tunnels: 1
DTLS-Tunnel Tunnels: 1

AnyConnect-Parent:
Tunnel ID : 14.1
Public IP : 192.168.1.21
Encryption : none Hashing : none
TCP Src Port : 49809 TCP Dst Port : 443
Auth Mode : Certificate
Idle Time Out: 30 Minutes Idle TO Left : 29 Minutes
Client OS : win
Client OS Ver: 10.0.15063
Client Type : AnyConnect
Client Ver : Cisco AnyConnect VPN Agent for Windows 5.1.3.62
Bytes Tx : 7391 Bytes Rx : 0
Pkts Tx : 1 Pkts Rx : 0
Pkts Tx Drop : 0 Pkts Rx Drop : 0

SSL-Tunnel:
Tunnel ID : 14.2
Assigned IP : 172.16.1.120 Public IP : 192.168.1.21
Encryption : AES-GCM-128 Hashing : SHA256
Ciphersuite : TLS_AES_128_GCM_SHA256
Encapsulation: TLSv1.3 TCP Src Port : 49816
TCP Dst Port : 443 Auth Mode : Certificate
Idle Time Out: 30 Minutes Idle TO Left : 29 Minutes
Client OS : Windows
Client Type : SSL VPN Client
Client Ver : Cisco AnyConnect VPN Agent for Windows 5.1.3.62
Bytes Tx : 7391 Bytes Rx : 3848
Pkts Tx : 1 Pkts Rx : 25
Pkts Tx Drop : 0 Pkts Rx Drop : 0

DTLS-Tunnel:
Tunnel ID : 14.3
Assigned IP : 172.16.1.120 Public IP : 192.168.1.21
Encryption : AES-GCM-256 Hashing : SHA384
Ciphersuite : ECDHE-ECDSA-AES256-GCM-SHA384
Encapsulation: DTLSv1.2 UDP Src Port : 65501
UDP Dst Port : 443 Auth Mode : Certificate
Idle Time Out: 30 Minutes Idle TO Left : 30 Minutes
Client OS : Windows
Client Type : DTLS VPN Client
Client Ver : Cisco AnyConnect VPN Agent for Windows 5.1.3.62
Bytes Tx : 0 Bytes Rx : 9673

Pkts Tx : 0 Pkts Rx : 32
Pkts Tx Drop : 0 Pkts Rx Drop : 0

疑難排解

您可以期待在Lina引擎的調試系統日誌和Windows PC上的DART檔案中找到有關VPN身份驗證的資訊。

這是來自工程師客戶端的VPN連線期間Lina引擎中的調試日誌示例。

<#root>

Jun 19 2024 02:00:35: %FTD-7-717029: Identified client certificate within certificate chain. serial number: 7AF1C78ADCC8F941, subject name: CN=vpn
Jun 19 2024 02:00:35: %FTD-6-717022:

Certificate was successfully validated

. serial number: 7AF1C78ADCC8F941, subject name:

CN=vpnEngineerClientCN

,OU=vpnEngineerClientOU,O=Cisco,L=Tokyo,ST=Tokyo,C=JP.
Jun 19 2024 02:00:35: %FTD-7-717038: Tunnel group match found.

Tunnel Group: ftd-vpn-engineer

, Peer certificate: serial number: 7AF1C78ADCC8F941, subject name: CN=vpnEngineerClientCN,OU=vpnEnginee
Jun 19 2024 02:00:35: %FTD-6-113009: AAA retrieved default group policy (ftd-vpn-engineer-grp) for user
Jun 19 2024 02:00:46: %FTD-6-725002: Device completed SSL handshake with client outside:192.168.1.11/50

下面是來自管理器客戶端的VPN連線期間Lina引擎中的調試日誌示例。

<#root>

Jun 19 2024 02:01:19: %FTD-7-717029: Identified client certificate within certificate chain. serial number: 1AD1B5EAE28C6D3C, subject name: CN=vp
Jun 19 2024 02:01:19: %FTD-6-717022:

Certificate was successfully validated

. serial number: 1AD1B5EAE28C6D3C, subject name:

CN=vpnManagerClientCN

,OU=vpnManagerClientOU,O=Cisco,L=Tokyo,ST=Tokyo,C=JP.
Jun 19 2024 02:01:19: %FTD-7-717038: Tunnel group match found.

Tunnel Group: ftd-vpn-manager

, Peer certificate: serial number: 1AD1B5EAE28C6D3C, subject name: CN=vpnManagerClientCN,OU=vpnManagerC
Jun 19 2024 02:01:19: %FTD-6-113009: AAA retrieved default group policy (ftd-vpn-manager-grp) for user
Jun 19 2024 02:01:25: %FTD-6-725002: Device completed SSL handshake with client outside:192.168.1.21/65

相關資訊

為行動存取配置基於Anyconnect證書的身份驗證

關於此翻譯

思科已使用電腦和人工技術翻譯本文件，讓全世界的使用者能夠以自己的語言理解支援內容。請注意，即使是最佳機器翻譯，也不如專業譯者翻譯的內容準確。Cisco Systems, Inc. 對這些翻譯的準確度概不負責，並建議一律查看原始英文文件（提供連結）。