

# 使用模板從Azure應用商店部署FDM VM

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## 簡介

本文檔介紹使用Azure Marketplace和模板在虛擬機器上部署Cisco Secure Firewall Threat Defense Virtual (FDM)。

## 必要條件

### 需求

思科建議您瞭解以下主題：

- 思科安全防火牆管理中心(FMC)
- 思科安全防火牆威脅防禦(FTD)
- Azure帳戶/訪問許可權

## 採用元件

本檔案中的資訊是根據以下軟體版本：

- 思科安全防火牆威脅防禦虛擬版本：7.4.1、7.3.1、7.2.7、7.1.0、7.0.6和6.4.0

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。

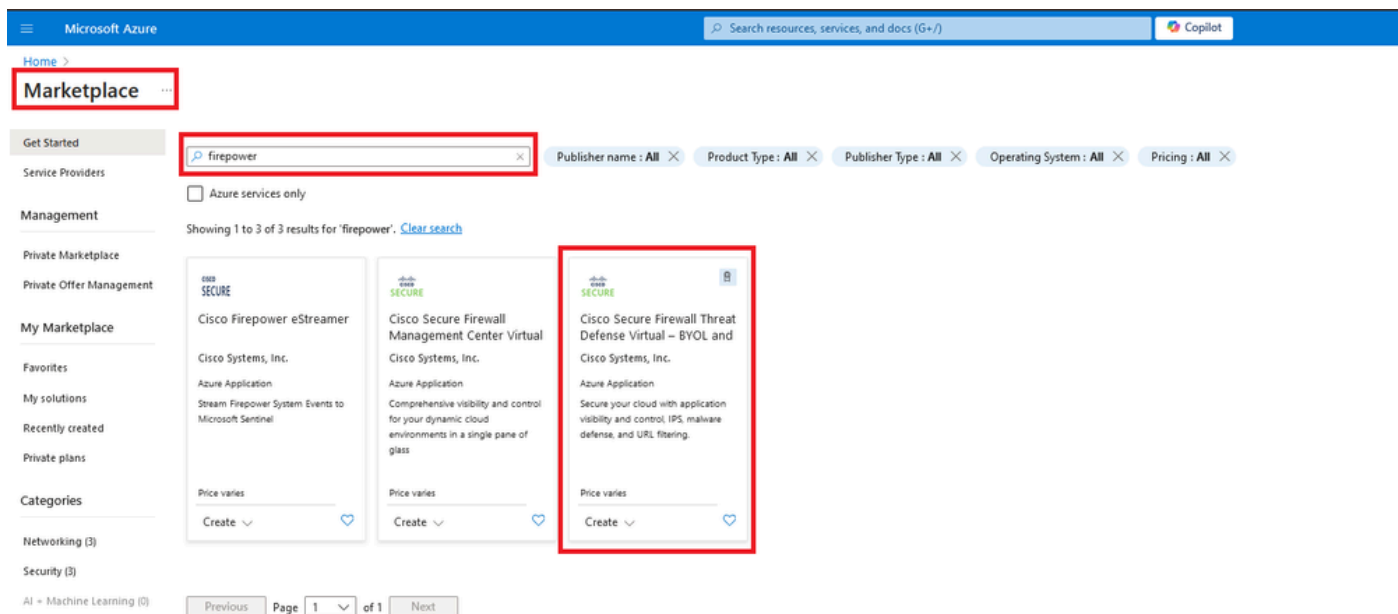
## 設定

客戶嘗試從Azure在虛擬機器上部署Firepower裝置管理器(FDM)時遇到問題，特別是在使用Azure Marketplace和模板時。

# 從Azure入口網站上的範本部署FDM

若要從Azure入口網站部署FDM，請使用此程式：

1. 導航到Azure門戶，並在Azure服務中找到市場。搜尋並選擇Cisco安全防火牆威脅防禦虛擬-BYOL和PAYG。



搜尋Firepower並選擇Cisco Secure Firewall Threat Defense Virtua - BOOL

2. 按一下「建立」以開始FTD的組態程式。

Home > Marketplace >

### Cisco Secure Firewall Threat Defense Virtual – BYOL and PAYG

Cisco Systems, Inc.



#### Cisco Secure Firewall Threat Defense Virtual – BYOL and PAYG [Add to Favorites](#)

Cisco Systems, Inc. | Azure Application

★ 4.0 (2 ratings)

Microsoft preferred solution

Plan

Cisco Secure Firewall Threat Defense...

Create

- Leverage Azure Traffic Manager for highly scalable remote access VPN
- Integrate with Azure Transit VNet for scalable inter-VNet traffic

Cisco Talos® Threat Intelligence is included, protecting against known and unknown threats from one of the world's largest commercial threat intelligence teams.

[Learn more](#)

\*Forrester Total Economic Impact of Cisco Secure Firewall, 2022. [www.cisco.com/go/firewallTEI](http://www.cisco.com/go/firewallTEI)

More products from Cisco Systems, Inc. [See All](#)

<p><b>Cisco Meraki vMX</b> Cisco Systems, Inc. Azure Application A Cisco Meraki Virtual MX to connect your Meraki network to your Azure deployments. Starts at <b>Free</b> Create</p>	<p><b>Cisco Catalyst 8000V Edge Software (PAYG)</b> Cisco Systems, Inc. Virtual Machine Deploy and manage enterprise-class networking services and VPN technologies for the Azure cloud. Starts at <b>\$2.53/hour</b> Create</p>	<p><b>Cisco Catalyst 8000V Edge Software - Solution</b> Cisco Systems, Inc. Azure Application Deploy and manage enterprise-class networking services and VPN technologies for the Azure cloud. Price varies Create</p>	<p><b>Cisco Nexus Dashboard</b> Cisco Systems, Inc. Azure Application Simplified, centralized data center dashboard makes it easier to manage your hybrid cloud network. Price varies Create</p>
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從Azure門戶建立VM

3. 在基本配置頁面中，為裝置建立資源組，選擇區域，然後為VM選擇名稱。

# Create Cisco Secure Firewall Threat Defense Virtual – BYOL and PAYG ...

Basics Cisco FTDv settings Review + create

## Project details

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription \* ⓘ

Resource group \* ⓘ

Instance details

Region \* ⓘ

Virtual Machine name \* ⓘ

Licensing ⓘ

Software Version ⓘ

A resource group is a container that holds related resources for an Azure solution.

Name \*

OK Cancel

建立新的資源群組

## 4. 從可用選項中選擇所需的虛擬機器部署版本。

Software Version ⓘ

Availability Option \* ⓘ

Username for primary account (not the FTDv admin user account) \* ⓘ

Authentication type \* ⓘ

7.4.1-172

7.3.1-19

7.2.7-500

7.1.0-92

7.0.6-236

6.4.0-110

可在Azure Market上部署的版本

## 5. 設定「主要」帳戶的使用者名稱，選擇口令作為身份驗證型別，並設定VM訪問口令和管理口令。

# Create Cisco Secure Firewall Threat Defense Virtual – BYOL and PAYG

Basics Cisco FTDv settings Review + create

## Project details

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription \* ⓘ

Resource group \* ⓘ  [Create new](#)

## Instance details

Region \* ⓘ

Virtual Machine name \* ⓘ

Licensing ⓘ

Software Version ⓘ

Availability Option \* ⓘ  None  Availability Zone

Username for primary account (not the FTDv admin user account) \* ⓘ

Authentication type \* ⓘ  Password  SSH Public Key

Password \* ⓘ

Confirm password \*

Admin Password \* ⓘ

Confirm Admin Password \* ⓘ

FTDv Management \* ⓘ

使用者名稱和管理員密碼。

6. 對於管理型別，選擇FDM作為本文檔的目的。

FTDv Management \* ⓘ

Enter FMC registration information \* ⓘ

FMC : Firepower Management Center

FDM : Firepower Device Management

FMC : Firepower Management Center

管理裝置。

7. 在Cisco FTDv Settings頁籤中，檢視VM大小、儲存帳戶、公共IP地址和DNS標籤（完成基本配置後，預設情況下會建立）。

確保虛擬網路、管理子網和其他乙太網設定正確。

# Create Cisco Secure Firewall Threat Defense Virtual – BYOL and PAYG ...

Basics Cisco FTDv settings Review + create

Virtual machine size \* ⓘ **1x Standard D3 v2**  
4 vcpus, 14 GB memory  
[Change size](#)

Storage account \* ⓘ (new) [redacted]8b089e65  
[Create New](#)

Public IP address ⓘ (new) [redacted]-pip  
[Create new](#)

DNS label ⓘ [redacted]:352e65c ✓  
.eastus.cloudapp.azure.com

Attach diagnostic interface \* ⓘ  No  
 Yes

Virtual network ⓘ (New) vnet01 [redacted]FDM [redacted]  
[Edit virtual network](#)

Management subnet \* ⓘ (New) subnet1  
[Edit subnet](#) 172.18.0.0 - 172.18.0.255 (256 addresses)

GigabitEthernet 0/0 subnet \* ⓘ (New) subnet2  
[Edit subnet](#) 172.18.1.0 - 172.18.1.255 (256 addresses)

GigabitEthernet 0/1 subnet \* ⓘ (New) subnet3  
[Edit subnet](#) 172.18.2.0 - 172.18.2.255 (256 addresses)

Public inbound ports (mgmt. interface) \* ⓘ  None  
 Allow selected ports

**i** All traffic from the Internet will be blocked by default. You will be able to change inbound port rules in the VM Networking page later.

Cisco FTDv Settings。

8. 選擇Allow selected Port以啟用埠SSH (22)、SFTunnel (8305)和HTTPS (443) , 從而透過HTTPS訪問虛擬機器並將SFTunnel埠遷移到FMC。

Virtual network ⓘ (New) vnet01 FDM

Management subnet \* ⓘ (New) subnet1  
172.18.0.0 - 172.18.0.255 (256 addresses)


GigabitEthernet 0/0 subnet \* ⓘ (New) subnet2  
172.18.1.0 - 172.18.1.255 (256 addresses)

GigabitEthernet 0/1 subnet \* ⓘ (New) subnet3  
172.18.2.0 - 172.18.2.255 (256 addresses)

Public inbound ports (mgmt. interface) \* ⓘ  None  Allow selected ports

Select Inbound Ports (mgmt. interface) \* ⓘ 3 selected

- SSH (22)  
SSH: ssh connectivity to the VM.
- SFTunnel (8305)  
SFTunnel: [FMC Management]: default tcp port 8305: management center and managed device(s) communication.
- HTTPS (443)  
HTTPS: [FDM Management]: FDM UI accessibility.

 Selected ports will be open for access from the Internet. See the Networking page later.

Cisco FTDv上允許的連線埠

## 驗證虛擬機器配置

9. 在Review + Create頁籤中檢視配置並建立虛擬機器。



# Create Cisco Secure Firewall Threat Defense Virtual – BYOL and PAYG

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## TERMS

By clicking "Create", I (a) agree to the legal terms and privacy statement(s) associated with the Marketplace offering(s) listed above; (b) authorize Microsoft to bill my current payment method for the fees associated with the offering(s), with the same billing frequency as my Azure subscription; and (c) agree that Microsoft may share my contact, usage and transactional information with the provider(s) of the offering(s) for support, billing and other transactional activities. Microsoft does not provide rights for third-party offerings. See the [Azure Marketplace Terms](#) for additional details.

Name	<input type="text"/>
Preferred e-mail address	<input type="text" value="@cisco.com"/>
Preferred phone number	<input type="text"/>

## Basics

Subscription	<input type="text" value="fw-azure"/>
Resource group	<input type="text" value="FDM"/>
Region	East US
Virtual Machine name	<input type="text" value="fdm"/>
Licensing	BYOL : Bring-your-own-license
Software Version	7.4.1-172
Availability Option	None
Username for primary account (not the ...)	<input type="text"/>
Password	*****
Admin Password	*****
FTDv Management	FDM : Firepower Device Management

## Cisco FTDv settings

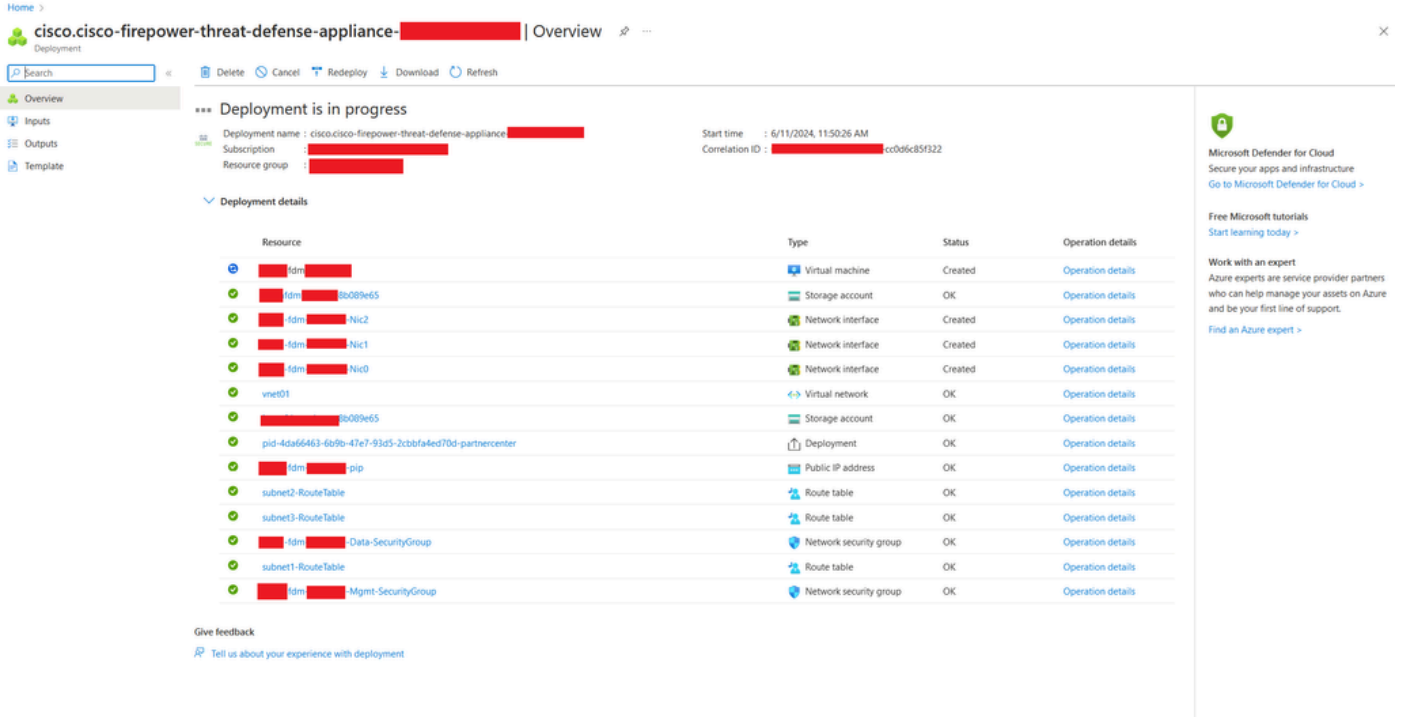
Virtual machine size	Standard_D3_v2
Storage account	<input type="text" value="8b089e65"/>
Public IP address	<input type="text" value="fdm- -pip"/>
Domain name label	<input type="text" value="-fdm- -c352e65c"/>
Attach diagnostic interface	No

Virtual network	vnet01
Management subnet	subnet1
Address prefix (Management subnet)	172.18.0.0/24
GigabitEthernet 0/0 subnet	subnet2
Address prefix (GigabitEthernet 0/0 su...)	172.18.1.0/24
GigabitEthernet 0/1 subnet	subnet3
Address prefix (GigabitEthernet 0/1 su...)	172.18.2.0/24
Public inbound ports (mgmt. interface)	Allow selected ports
Select Inbound Ports (mgmt. interface)	SSH (22), SFTunnel (8305), HTTPS (443)

檢閱並建立。

此時，我們可以提交虛擬機器建立。

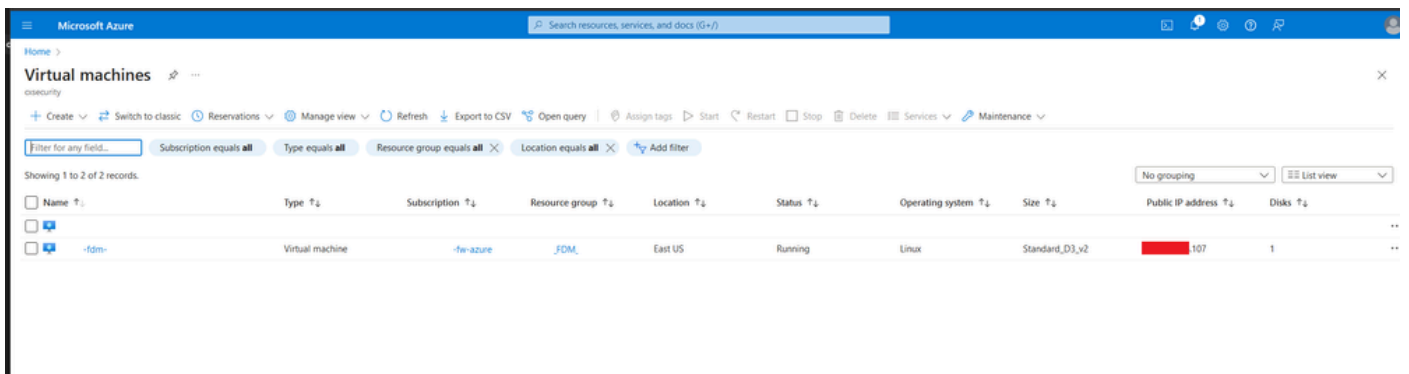
10. 在概覽頁籤中監視部署進度，該頁籤上將顯示一條消息，指示部署正在進行。



部署進行中。

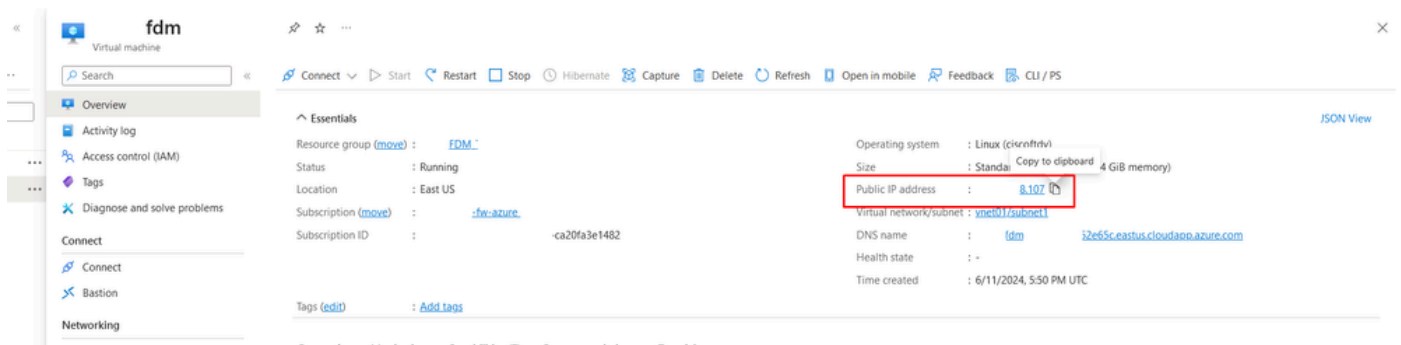
## 檢查在Azure上部署的VM

11. 建立虛擬機器後，在虛擬機器部分找到該虛擬機器，以便查詢其特性和分配的公用IP地址。



虛擬機器器位置

12. 使用瀏覽器瀏覽至裝置指派的IP位址，並開始初始設定FDM。

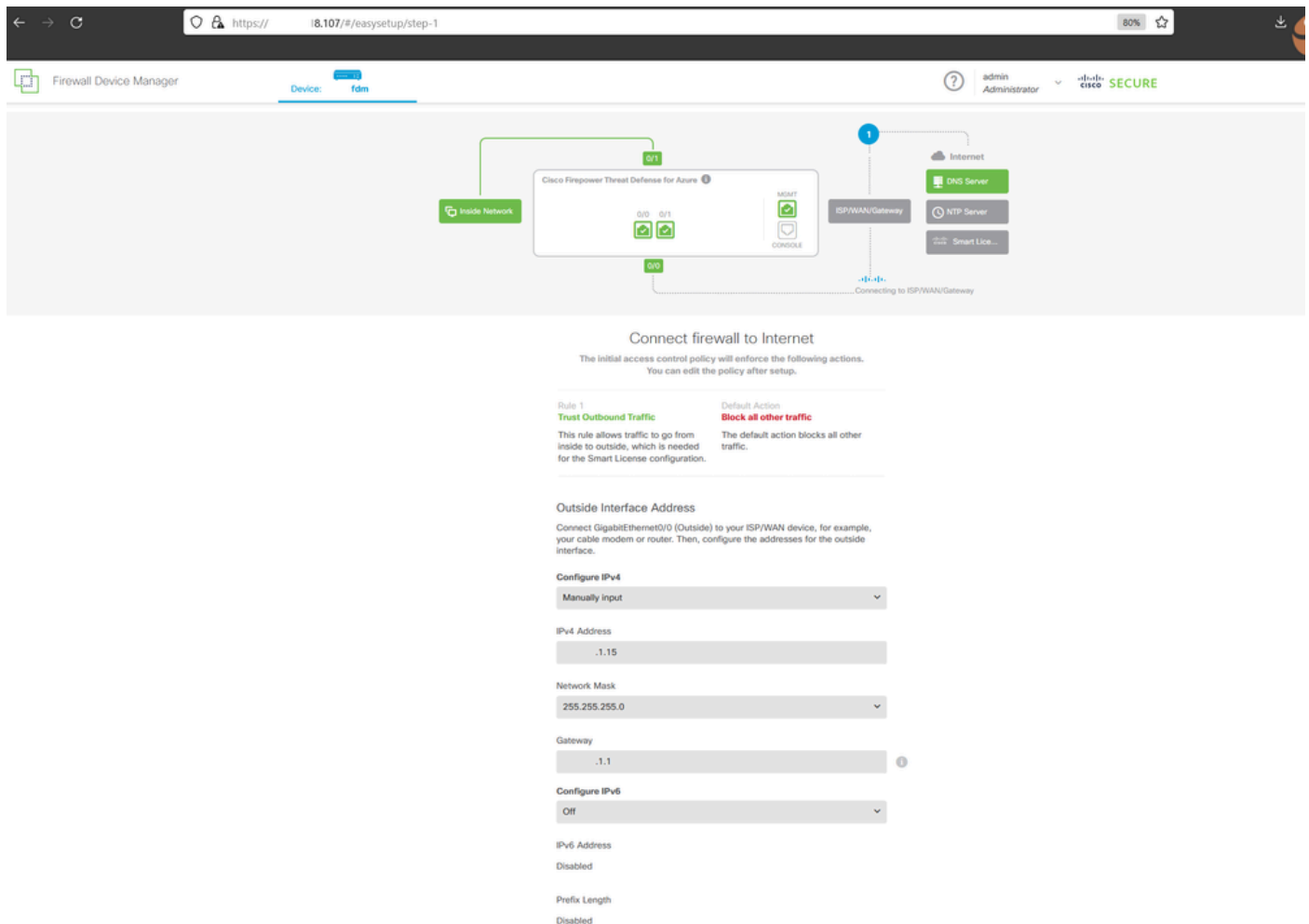


FDM的公用IP

## FDM的基本組態

13. 透過選擇分配範圍內的IP、設定NTP並在許可證中註冊裝置來配置基本設定。

您可以在此處找到[FDM初始配置](#)的文檔。



FDM的基本配置

14. 註冊裝置後，請確保不再保留任何待處理的部署。

## Pending Changes



There are no Pending Changes yet.

Nothing to deploy.

---

Last successful deployment was on **12 Jun 2024 07:49 AM**.

You can see what was deployed in previous jobs in the [Deployment History](#).

OK

## 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）。