

# 使用FDM設定靜態路由

## 目錄

---

[簡介](#)

[必要條件](#)

[需求](#)

[採用元件](#)

[設定](#)

[組態](#)

[驗證](#)

---

## 簡介

本文檔介紹如何在Firepower裝置管理器(FDM)上配置靜態路由。

## 必要條件

### 需求

建議您瞭解以下主題：

- 思科安全防火牆威脅防禦初始配置。

### 採用元件

本檔案中的資訊是根據軟體版本：

- Firepower威脅防禦7.0.5版。

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

### 組態

步驟 1. 點選裝置，轉到路由。

Firepower Device Manager

Monitoring Policies Objects **Device: firepower**

Model: Cisco Firepower Threat Defense for VMwa... Software: 7.0.5-72 VDB: 338.0 Intrusion Rule Update: 20210503-2107 Cloud Services: Not Registered | Register High Availability: Not Configured

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

Interfaces  
Connected  
Enabled 3 of 4  
View All Interfaces

Smart License  
Evaluation expires in 90 days  
Tier: FTDv5 - Tiered (4 core / 8 GB)  
View Configuration

Site-to-Site VPN  
There are no connections yet  
View Configuration

**Routing**  
There are no static routes yet  
View Configuration

Backup and Restore  
View Configuration

Remote Access VPN  
Requires RA VPN license  
No connections | 1 Group Policy  
Configure

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

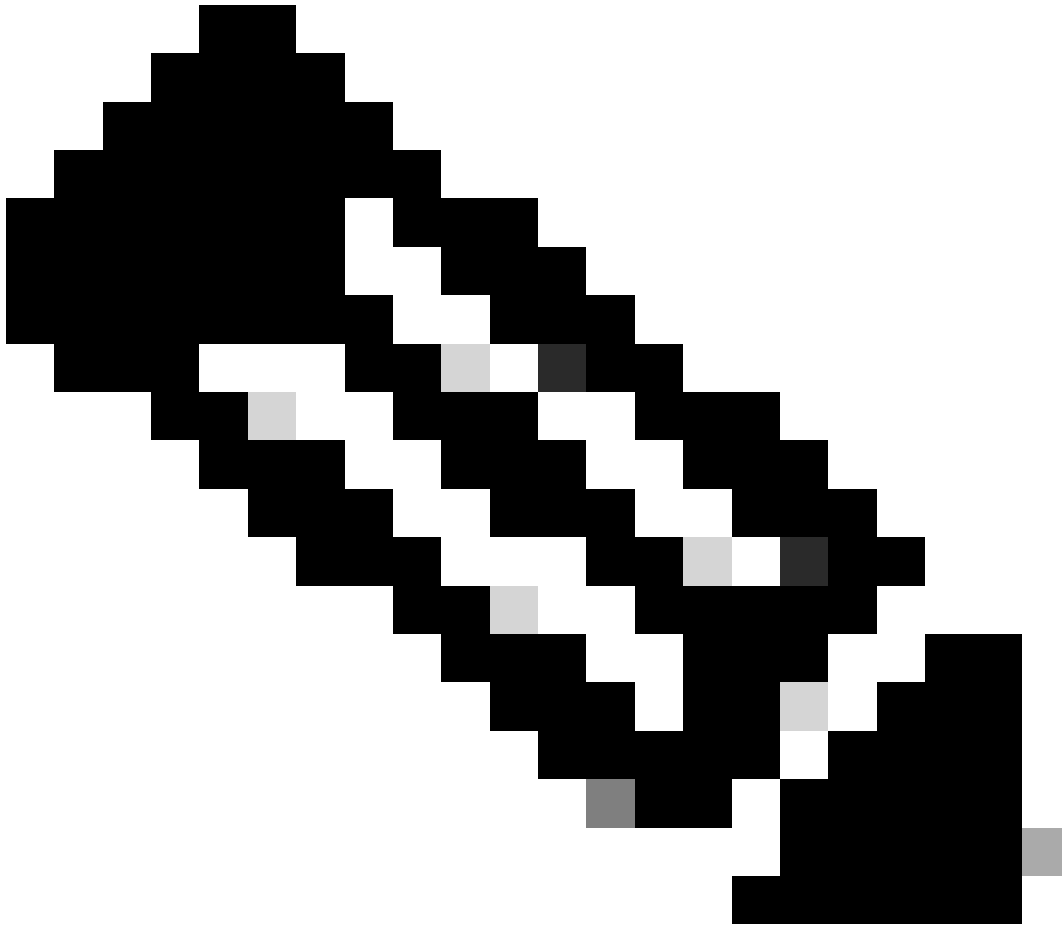
Troubleshoot  
Creation date is not available  
REQUEST FILE TO BE CREATED

Advanced Configuration  
Includes: FlexConfig, Smart CLI  
View Configuration

System Settings  
Management Access  
Logging Settings  
DHCP Server  
DNS Server  
Management Interface  
Hostname  
Time Services  
SSL Settings  
See more

Device Administration  
Audit Events, Deployment History, Download Configuration  
View Configuration

步驟 2. 點選加號圖示(+)增加靜態路由。



注意：如果有虛擬路由器，請確保選擇了正確的虛擬路由器。

Device Summary  
Routing

Add Multiple Virtual Routers

Commands BGP Global Settings

Static Routing BGP OSPF EIGRP ECMP Traffic Zones

#	NAME	INTERFACE	IP TYPE	NETWORKS	GATEWAY IP	SLA MONITOR	METRIC	ACTIONS
There are no static routes yet. Start by creating the first static route.								

CREATE STATIC ROUTE

步驟 3.繼續配置靜態路由屬性。

- 名稱：路由名稱。
- Description（可選）：有關路由的詳細資訊。
- Interface：選擇流量必須傳送到介面。
- 協定：指定路由協定。
- 網路：在可用網路清單中，選擇或建立目標網路的網路對象。
- 網路關：選擇或建立帶有所有流量傳送目的地的主機IP的網路對象。輸入Name和Host的值。

**Add Network Object**

Name  
ISP2

Description

Type  
 Host

Host  
192.168.2.1  
e.g. 192.168.2.1 or 2001:DB8::0DB8:800:200C:417A

CANCEL OK

- 度量：輸入介於1和254之間的管理距離值。請記住，值越低，路由的首選程度就越高。
- SLA監控器（可選）：如果要確保此路由始終可用，則必須配置此欄位。此選項僅適用於IPV4通訊協定。

# Add Static Route



## Name

Syslog\_Servers

## Description

## Interface

outside2 (GigabitEthernet0/2)

## Protocol

IPv4  IPv6

## Networks

+

IPv4-Private-172.16.0.0-12

## Gateway

ISP2

## Metric

1

## SLA Monitor Applicable only for IPv4 Protocol type


Please select an SLA Monitor

CANCEL

OK

- 按一下Ok 完成操作。

## 步驟 4.按一下Deployment。



Device Summary  
Routing

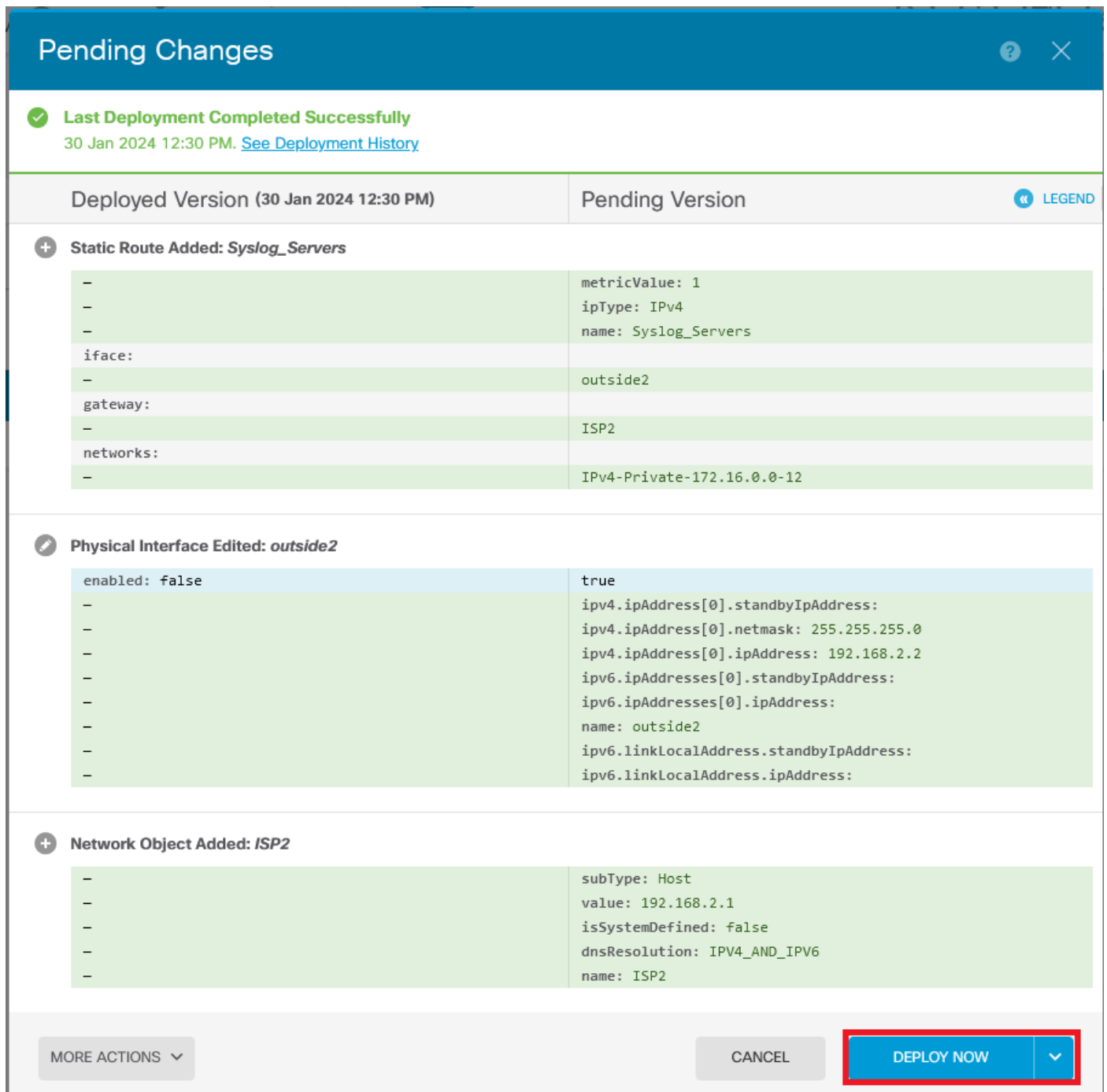
Add Multiple Virtual Routers

Static Routing | BGP | OSPF | EIGRP | ECMP Traffic Zones

1 route

#	NAME	INTERFACE	IP TYPE	NETWORKS	GATEWAY IP	SLA MONITOR	METRIC	ACTIONS
1	Syslog_Servers	outside2	IPv4	172.16.0.0/12	192.168.2.1		1	

## 步驟 5.部署策略。



### Pending Changes

✓ Last Deployment Completed Successfully  
30 Jan 2024 12:30 PM. [See Deployment History](#)

Deployed Version (30 Jan 2024 12:30 PM)	Pending Version
<b>+ Static Route Added: Syslog_Servers</b>	
-	metricValue: 1
-	ipType: IPv4
-	name: Syslog_Servers
iface:	
-	outside2
gateway:	
-	ISP2
networks:	
-	IPv4-Private-172.16.0.0-12
<b>+ Physical Interface Edited: outside2</b>	
enabled: false	true
-	ipv4.ipAddress[0].standbyIpAddress:
-	ipv4.ipAddress[0].netmask: 255.255.255.0
-	ipv4.ipAddress[0].ipAddress: 192.168.2.2
-	ipv6.ipAddresses[0].standbyIpAddress:
-	ipv6.ipAddresses[0].ipAddress:
-	name: outside2
-	ipv6.linkLocalAddress.standbyIpAddress:
-	ipv6.linkLocalAddress.ipAddress:
<b>+ Network Object Added: ISP2</b>	
-	subType: Host
-	value: 192.168.2.1
-	isSystemDefined: false
-	dnsResolution: IPV4_AND_IPV6
-	name: ISP2

MORE ACTIONS ▾ CANCEL **DEPLOY NOW** ▾

## 驗證

要確認是否已正確應用此設定，需要透過CLI訪問裝置。

在CLI中，運行命令 `show running-config route`。

```
> show running-config route
route outside2 172.16.0.0 255.240.0.0 192.168.2.1 1
```

使用 `show route` 驗證路由是否在路由表中。

```
> show route

Codes: L - local, C - connected, S - static, R - RIP, M - mobile, B - BGP
       D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area
       N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
       E1 - OSPF external type 1, E2 - OSPF external type 2, V - VPN
       i - IS-IS, su - IS-IS summary, L1 - IS-IS level-1, L2 - IS-IS level-2
       ia - IS-IS inter area, * - candidate default, U - per-user static route
       o - ODR, P - periodic downloaded static route, + - replicated route
       SI - Static IntervRF
Gateway of last resort is not set

S       172.16.0.0 255.240.0.0 [1/0] via 192.168.2.1, outside2
C       192.168.2.0 255.255.255.0 is directly connected, outside2
L       192.168.2.2 255.255.255.255 is directly connected, outside2
C       192.168.45.0 255.255.255.0 is directly connected, inside
L       192.168.45.1 255.255.255.255 is directly connected, inside
```

## 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）。