QuickStart Guide

FortiGate/FortiWiFi®
40F & 60F Series

FORTINET

October 22, 2019

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Product Registration

Thank you for purchasing a FortiGate/FortiWiFi. To access:

▪ Cloud Management ▪ FortiGuard Updates ▪ Firmware Upgrades

▪ Technical Support ▪ Warranty Coverage

Please register your FortiGate/FortiWiFi:

Vous devez enregistrer le produir:

Debe registrar el producto:

登録のお願い:

请马上注册:

http://support.fortinet.com

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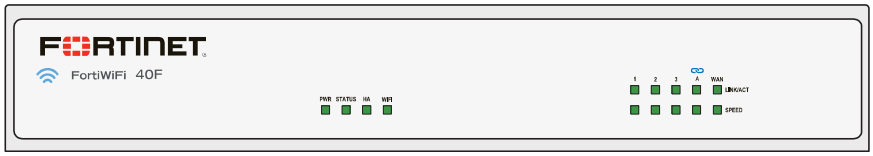
Package Contents

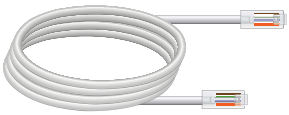


FortiGate/FortiWiFi® 40F/41F Series

QuickStart Guide

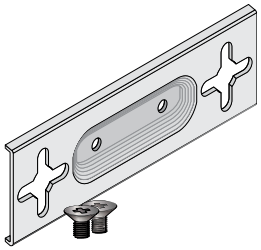
Power Cable

12V Power Adapter



Ethernet Cable

3 WiFi Antennas
(FortiWiFi models only)



Wall Mount Kit

Wall Mount Hardware

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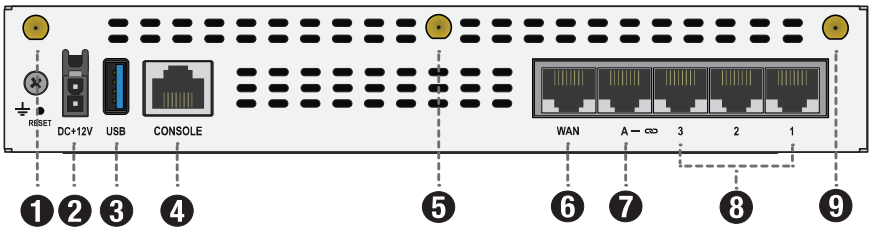
Back Panel



1. **Antenna Connection (SMA)** passive directional antenna connection
   (FortiWiFi models only)
2. **Power** 12V DC, 100-240V AC 50/60Hz adapter
3. **USB (USB A)** USB 3.0 server port
4. **Console (RJ-45)** CLI management computer connection
5. **Antenna Connection (SMA)** passive directional antenna connection
   (FortiWiFi models only)
6. **WAN (RJ-45)** 1 Gbps Ethernet connection
7. **FortiLink Port A (RJ-45)** 1 Gbps Ethernet FortiLink auto-detect connection
8. **Ethernet Ports 1 to 3 (RJ-45)** 1 Gbps Ethernet connections
9. **Antenna Connection (SMA)** passive directional antenna connection
   (FortiWiFi models only)

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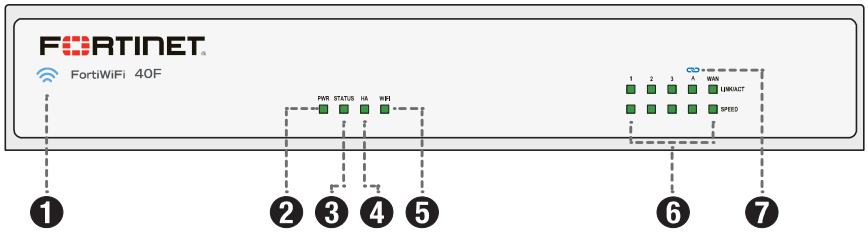
Front Panel



1 LOGO

FortiGate *(FortiGate models)*
- Green: The device is on
- Off: The device is off

FortiWiFi *(FortiWiFi models)*
- Blue: The device is on
- Off: The device is off

2 PWR
- Green: Power is on
- Off: Power is off

3 STATUS
- Green: Normal
- Flashing Green: Booting up

4 HA
- Green: Operating in an HA cluster
- Amber: HA failover
- Off: Not in an HA cluster

5 WIFI
(FortiWiFi models only)
- Green: WiFi connected
- Flashing Green: WiFi activity
- Off: WiFi is off

6 PORT LINK/ACT
- Green: Connected
- Flashing Green: Transmitting data
- Off: No link established

PORT SPEED
- Green: Connected at 1Gbps
- Amber: Connected at 100Mbps
- Off: Not connected or 10Mbps

7 FortiLink : FortiLink interface

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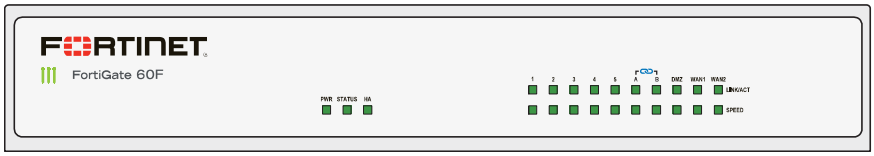
Package Contents

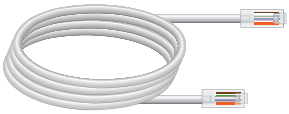


FortiGate/FortiWiFi® 60F/61F Series

QuickStart Guide

Power Cable

12V Power Adapter



Ethernet Cable

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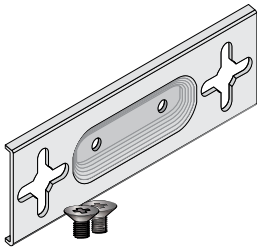

Wall Mount Kit

Wall Mount Hardware

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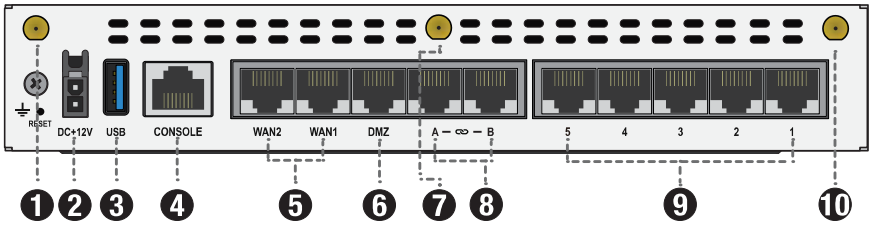

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2. **Power** 12V DC, 100-240V AC 50/60Hz adapter
3. **USB (USB A)** USB 3.0 server port
4. **Console (RJ-45)** CLI management computer connection
5. **WAN1 & WAN2 (RJ-45)** 1 Gbps Ethernet connections
6. **DMZ (RJ-45)** 1 Gbps Ethernet connection
7. **Antenna Connection (SMA)** passive directional antenna connection
   (FortiWiFi models only)
8. **FortiLink Ports A & B (RJ-45)** 1 Gbps Ethernet FortiLink auto-detect connections
9. **Ethernet Ports 1 to 5 (RJ-45)** 1 Gbps Ethernet connections
10. **Antenna Connection (SMA)** passive directional antenna connection
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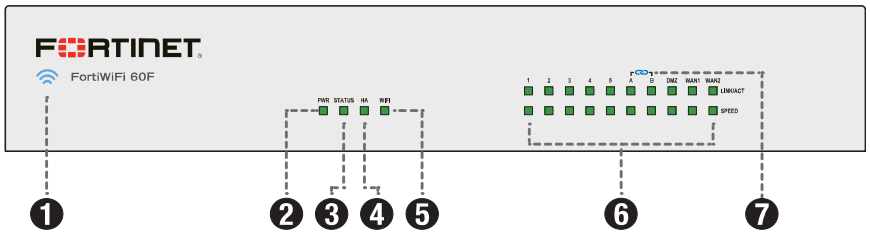
Front Panel



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7 FortiLink : FortiLink interfaces

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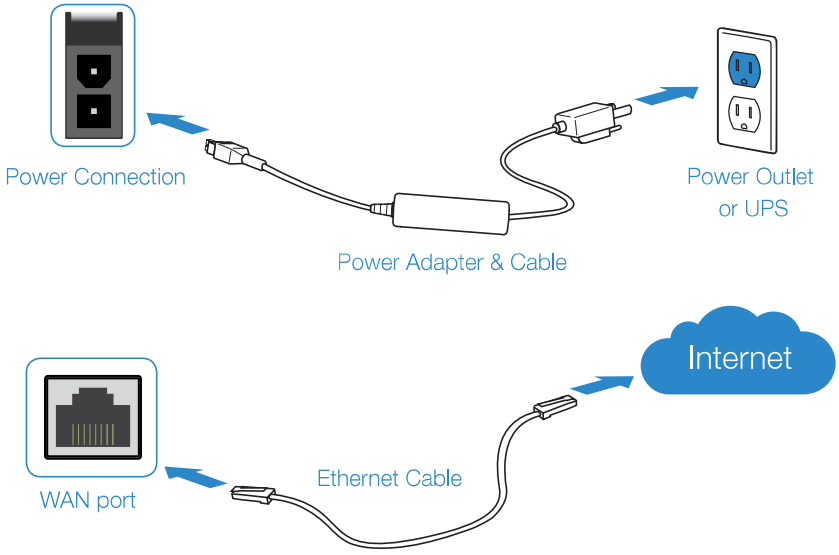
Installation

Your FortiGate/FortiWiFi includes a wall mount kit and connection cables. Desktop installation, rack mount and slide-rail kits are also available.

Basic Connections



1. Plug in your device to a power outlet using the provided power cable
2. Connect a WAN port to the internet using the supplied Ethernet cable

Note: It is recommended to connect your FortiGate/FortiWiFi to an uninterruptible power supply (UPS) in case of a power outage

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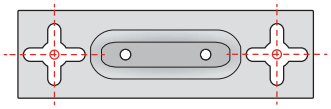
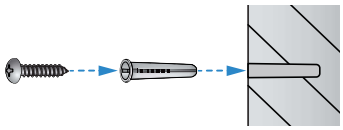
Wall Mount Option

1. Mark the location of the holes using the mounting bracket

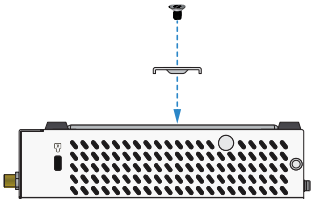


2. Drill holes for the anchors

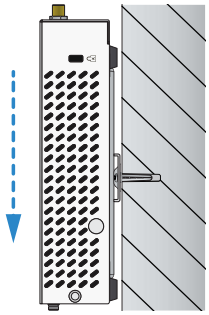
3. Insert the anchors and then screw in the screws with 2mm exposed



4. Fasten the mounting bracket



5. Position the device and slide into place



6. Plug the provided power cable into the rear of the unit and then into a grounded electrical outlet or separate power source

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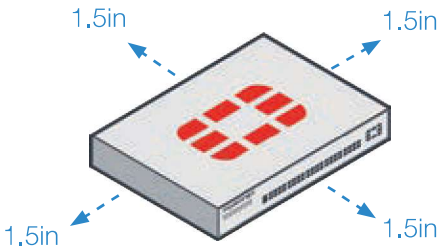
Desktop Option

1. Place the unit on a flat, clean and stable surface
2. Ensure there is at least 1.5in of clearance for adequate airflow



3. Plug the provided power cable into the rear of the unit and then into a grounded electrical outlet or separate power source

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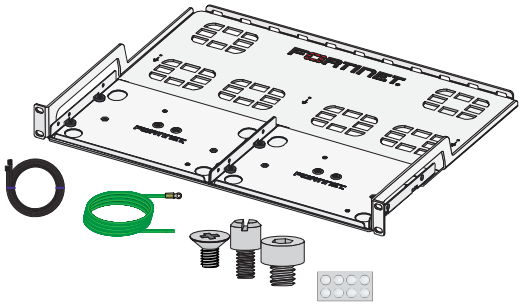
Rack/Rail Mount Option

Fortinet carries a variety of standard and custom rack and rail mount accessories, including a 60F rack mount tray kit, SP-RACKTRAY-02.



SP-RACKTRAY-02

Ordering: Contact Fortinet to order brackets, rail slide kits, rack mount kits and other accessories, such as a console cable

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Setup Options

Set up your device locally or on the cloud. Choose one of the following options to complete your setup, then configure your device.

Local Setup

A GUI

An easy-to-use GUI, compatible with most web browsers. To minimize scrolling, the screen resolution should be at least 1280 x 1024 pixels.

Cloud Setup

B FortiGate Cloud

FortiGate Cloud is a cloud-based infrastructure management solution and log retention service. It provides centralized reporting, traffic analysis, configuration management, and log retention without the need for additional hardware and software.

Smartphone Setup

C FortiExplorer

FortiExplorer for iOS is a user-friendly iOS application that helps you configure, manage, and monitor appliances. FortiExplorer rapidly provisions, deploys, and monitors Security Fabric components such as FortiGate, FortiWiFi, and FortiAP devices.

Local Setup

D Command Line Interface (CLI)

An alternate configuration tool from the web-based manager that uses a terminal emulation application to type commands or upload batches of commands from a text file or configuration script. Requires a console cable (available for purchase).

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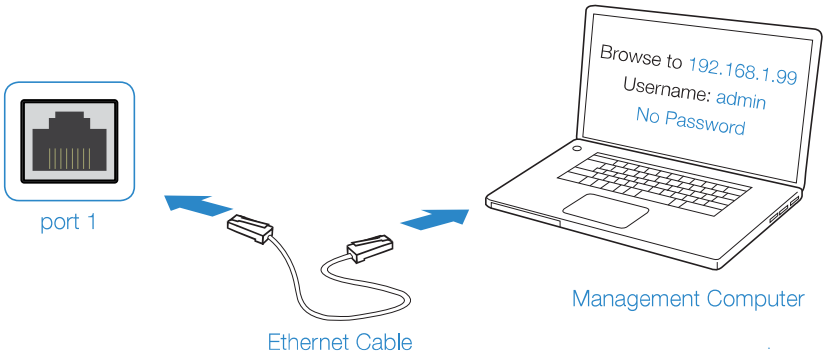
A GUI

1. Connect port 1 to the Management Computer using the suplied Ethernet cable

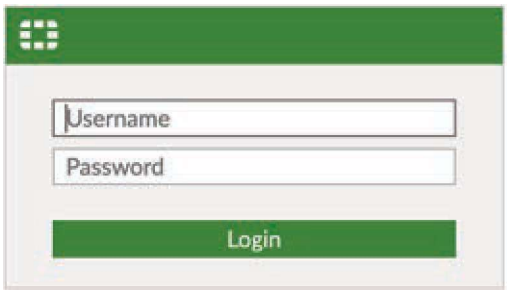
2. Enable DHCP or set the Management Computer's IP and subnet to:

   Static IP Address: 192.168.1.1
   Subnet Mask: 255.255.255.0

3. Visit 192.168.1.99 in a web browser



4. Log in with username admin and no password



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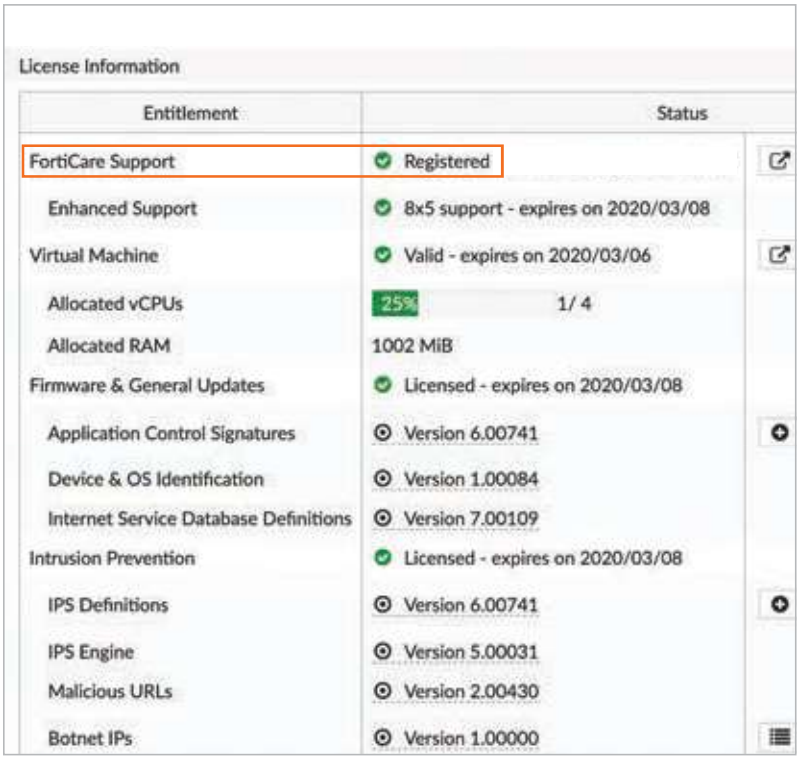
5. When prompted to register, enter your FortinetOne credentials

6. The FortiCare Support Status in the FortiOS License Information widget will change to Registered



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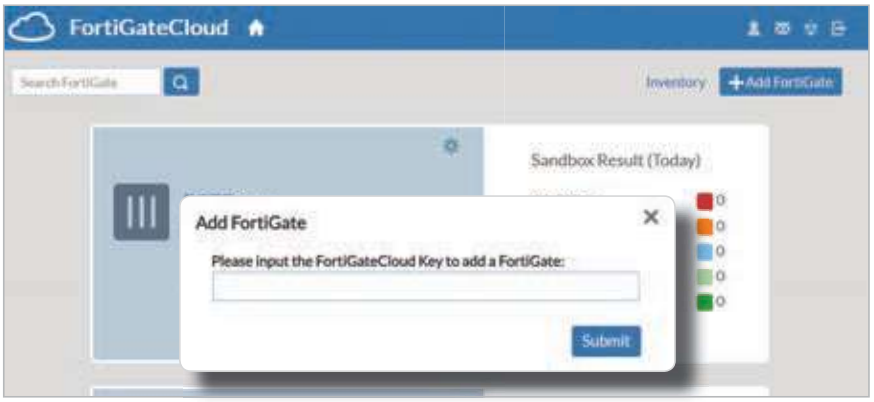
B FortiGate Cloud

1. Log in to forticloud.com using your FortinetOne credentials

2. Click Add FortiGate and enter the Cloud Key located on the sticker on your device



3. You can now manage your device from the cloud

Note: To get a FortinetOne account, register at support.fortinet.com

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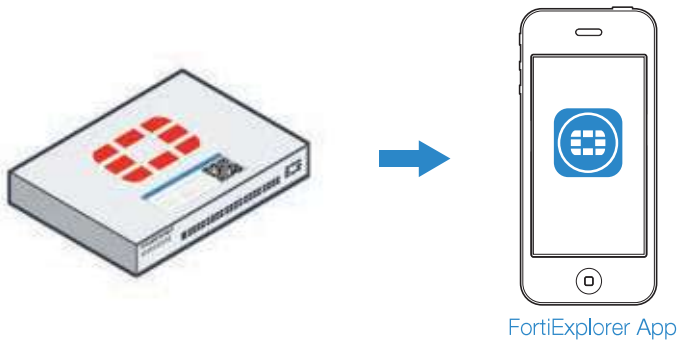
FortiExplorer

Download on the App Store

1 Cloud Key Setup

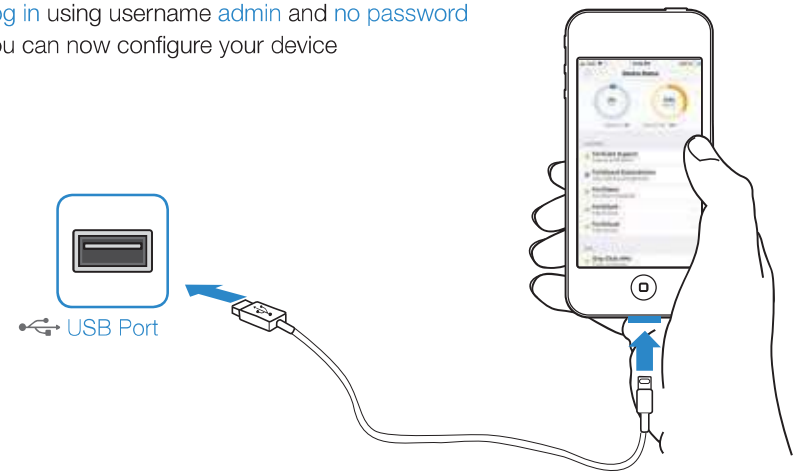
1. Download and launch the FortiExplorer iOS App
2. Tap Devices, then tap Add
3. Select FortiGate Cloud and log in using your FortinetOne credentials
4. Scan the QR code on the Cloud Key
5. Log in to your device using username admin and no password
6. You can now configure your device



Setup

2 USB Setup

1. Download and launch the FortiExplorer iOS App
2. Connect your Apple Lightning to USB cable to the FortiGate/FortiWiFi USB port
3. Tap your device when it appears in FortiExplorer
4. Log in using username admin and no password
5. You can now configure your device



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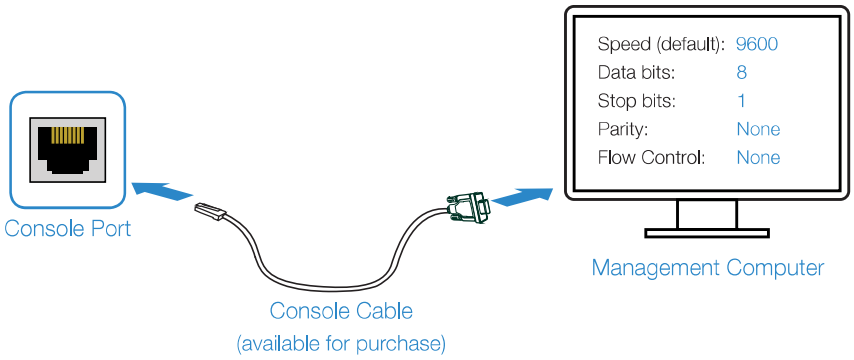
D CLI



1. Connect the Console Port with a console cable to the Management Computer
2. Start a terminal program on the Management Computer and select an available COM Port using the following default settings:

Baud rate: 9600
Data bits: 8
Parity: None
Stop bits: 1
Flow control: None

3. Log in using username admin and no password
4. You can now configure your device

```
FortiGate # ?
config      Configure object.
get         Get dynamic and system information.
show        Show configuration.
diagnose    Diagnose facility.
execute     Execute static commands.
exit        Exit the CLI.

FortiGate # config ?
alertemail              Alert email configuration.
antivirus               AntiVirus configuration.
application             Application control configuration.
client-reputation       Client reputation tracking configuration
dlp                     DLP configuration.
endpoint-control        Endpoint control configuration.
firewall                Firewall configuration.
ftp-proxy               FTP proxy configuration.
gui                     GUI configuration.
icap                    ICAP client configuration.
imp2p                   IM & P2P policy configuration.
ips                     IPS configuration.
--More--
```

Note: Type ? for a list of commands. Type a command with ?, such as config ? to list the options. For advanced options, visit support.fortinet.com

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Resources

Refer to the following resources to continue your FortiGate/FortiWiFi setup.

FortiGate Documentation Library

Up-to-date hardware and software guides

https://docs.fortinet.com/fortigate

Fortinet Customer Service & Support

Access knowledge bases, resource libraries and contact support

https://support.fortinet.com/

Fortinet Video Tutorials

FortiOS Tips, Web GUI tutorials, SD-WAN tricks and more

http://video.fortinet.com

FortiGuard Labs

Discover FortiGuard's Zero-Day Research, Weekly Threat Briefs and Threat Lookups

https://fortiguard.com/

FortiGate Cloud

Analyze centralized reporting, traffic analysis, configuration management and logs

https://forticloud.com

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Register for Free Licenses & Services

Simplify and leverage provisioning, management, and analytics with FortiGate Cloud's centralized administration. Extend online logs and analysis to 1 full year with a subscription.

FortiGate Cloud 7 Days of Data Retention

Make remote access simple.
Use yourcompany.fortiddns.com instead of a hard-to-remember IP address.

Fortinet DDNS Service

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