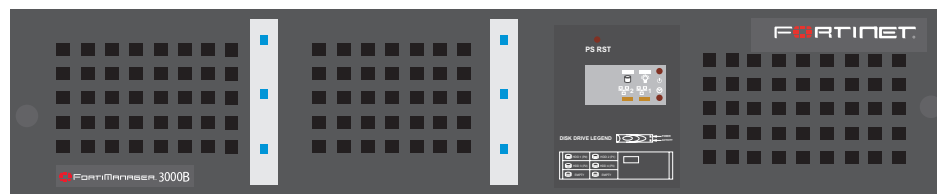


Light Icon	Description
	The light flashes orange when packets are sent and received on the Ethernet port 1 and 2.
	Power indicator is blue when the FortiManager system is on.
	The light flashes blue when reading the boot device.
Hard Disk Upper LED	Blue when the hard disk is properly inserted into the drive bay and the FortiManager is plugged in to a power source.
Hard Disk Lower LED	Flashes blue when reading and writing to the hard disk.

QuickStart Guide

FortiManager-3000B



Visit these links for more information and documentation for your Fortinet product.

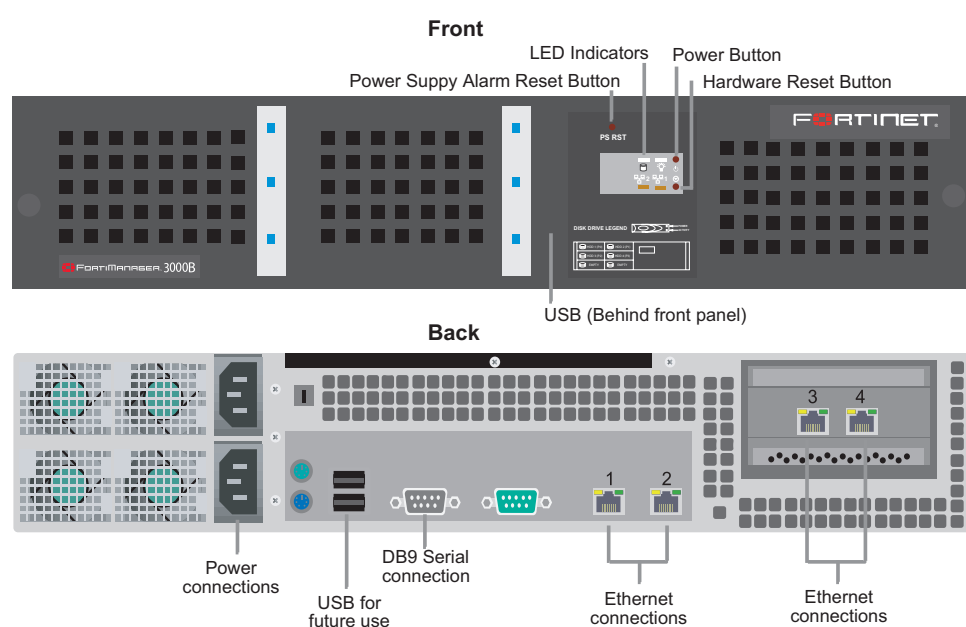
- Technical Documentation - <http://docs.forticare.com>
- Fortinet Knowledge Center - <http://kc.forticare.com>
- Fortinet Technical Support - <http://support.fortinet.com>

FORTINET

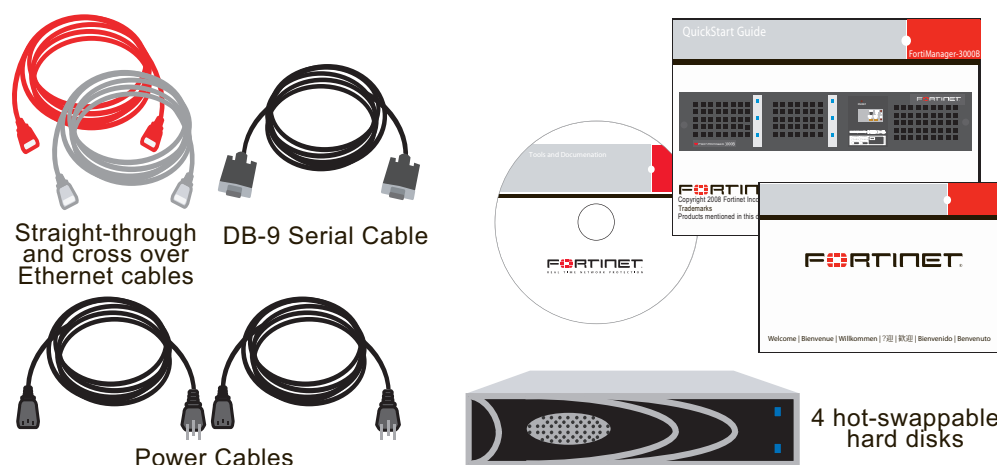
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 Regulatory Compliance
 FCC Class B Part 15 CSA/CUS
 28 March 2008

02-30006-462-20080328

Package Contents



Connector	Type	Speed	Protocol	Description
Port 1 to 4	RJ-45	100/1000 Base-T	Ethernet	Connection to the internal network.
CONSOLE	DB9	9600 bps 8/N/1	RS-232 serial	Optional connection to the management computer. Provides access to the command line interface.
USB	USB		USB	For future use.

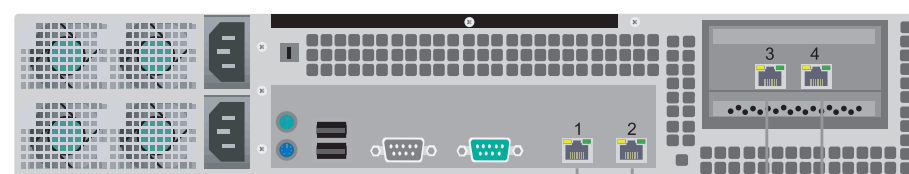


Connecting

Connect the following to the FortiManager system. Ensure the FortiManager system is placed on a stable surface or securely mounted in a 19" rack.

- Insert the hard disks included in the FortiManager package into the bays of the FortiManager unit, starting in bay 1. **Use the diagram on the front panel as a guide.**
- Insert a network cable to port 1. Insert the other end to the router or switch connected to the network.
- Connect one power chord to a power supply. Connect the other power cord to an alternate power source if available.
- Connect the Power Cord to a surge protected power bar or power supply.
- Press the Power button to turn on the FortiManager unit.
- The power LED appears blue and the hard disk icon LED flashes blue while the system boots.
- For more information, see the *FortiManager Install Guide*.

Power connections



Null modem cable connects to serial port on management computer.

Straight-through Ethernet cable connects to hub or switch on the network.

Configuration Tools

Web-based manager

The FortiManager web-based manager is an easy to use management tool. Use it to configure the administrator password, the interface and default gateway addresses, and the DNS server addresses.

Requirements:

- An Ethernet connection between the FortiManager system and management computer.
- A web browser such as FireFox 2.0 and higher or Internet Explorer 6.0 and higher on the management computer.

Command Line Interface (CLI)

The CLI is a full-featured management tool. Use it to configure the administrator password, the interface addresses, the default gateway address, and the DNS server addresses. To configure advanced settings, see the Tools and Documentation CD-ROM.

Requirements:

- The DB9 serial connection between the FortiManager system and management computer.
- A terminal emulation application (HyperTerminal for Windows) on the management computer.

Collecting Information

Interface configuration

Port 1 Interface:	IP:	_____
	Netmask:	_____
Port 2 Interface:	IP:	_____
	Netmask:	_____
Port 3 Interface:	IP:	_____
	Netmask:	_____
Port 4 interface:	IP:	_____
	Netmask:	_____

The interface IP address and netmask must be valid for the internal network.

General settings

Administrator password:		
Network Settings:	Default Gateway:	_____
	Primary DNS Server:	_____
	Secondary DNS Server:	_____

Factory default settings

Port	IP Address	Administrative account settings	
Port 1 interface	192.168.1.99	User name	admin
Port 2 interface	0.0.0.0	Password	(none)
Port 3 interface	0.0.0.0		
Port 4 interface	0.0.0.0		

Configuring

Web-based Manager

1. Connect the FortiManager system interface to a management computer Ethernet interface. Use a cross-over Ethernet cable to connect the devices directly. Use straight-through Ethernet cables to connect the devices through a hub or switch.
2. Configure the management computer to be on the same subnet as the internal interface of the FortiManager system. To do this, change the IP address of the management computer to 192.168.1.2 and the netmask to 255.255.255.0.
3. To access the FortiManager system web-based manager, start Internet Explorer and browse to <https://192.168.1.99> (remember to include the "s" in https://).
4. Type admin in the Name field and select Login (no password required).

Configure the FortiGate unit to be managed through a FortiManager server. Communication between the FortiGate unit and the FortiManager server is via an IPsec VPN that is invisibly pre-configured on the FortiGate unit.

To configure the FortiGate unit

1. Log in to the FortiGate unit.
2. Go to **System > Admin > FortiManager**.
3. Complete the configuration and select OK.

Changing an Administrator Password

To change the administrator password

1. In System Settings, go to **Administration > Administrators**.
2. Select Edit.
3. Select Change Password.
4. Enter and confirm the password.
5. Select OK.

Configuring the IP Address and Netmask

To configure the IP address

1. In System Settings, go to **Network > Interface**.
2. Select Edit.
3. Enter the IP address and netmask.
4. Select OK.

Configuring the Default Gateway

To configure the default gateway

1. In System Settings, go to **Network > Routing Table**.
2. Enter the gateway IP address and netmask.
3. Enter the Destination IP and select the Interface.
4. Select OK.

Adding a FortiGate unit

Before you can manage a FortiGate unit, you must add it to the Device Manager. Adding an existing operational device will not result in an immediate connection to the device. Device connection only happens when you successfully resync the device.

To add a FortiGate device

1. In Device Manager, go to **Device > Add Device** from the main toolbar.
2. Enter the following information and select Discover.

IP Address	Enter the IP Address of the device to add.
Discover via	Select a method used to find the device. Currently, only CLI (via SSH) is supported. By using the CLI (via SSH) Method, Device Manager is able to record each device being added.
Admin user	Select Default (admin) if the device uses the default "admin" as its admin user. Select Other and enter the admin user name if the device uses a different user name other than the default "admin".
Password	Enter the password for the admin user.

The discovery process starts. When it completes, the Add New Device page appears.

3. Verify the information and add a Description if desired.
4. Select Add.

Command Line Interface

1. Use the DB-9 serial cable to connect the FortiManager System Console port to the management computer serial port.
2. Start a terminal emulation program (HyperTerminal) on the management computer. Use these settings:
3. Baud Rate (bps) 9600, Data bits 8, Parity None, Stop bits 1, and Flow Control None.
4. At the Login: prompt, type admin and press Enter twice (no password required).

Changing an Administrator Password

To change the administrator password, enter the following commands

```
config fmsystem admin user
  edit admin
    set password <password>
end
```

Configuring the IP Address and Netmask

To configure the IP address and netmask, enter the following commands

```
config fmsystem interface
  edit port1
    set ip <intf_ip>/<netmask_ip>
end
```

Configuring the Default Gateway

To configure the default gateway, enter the following commands

```
config fmsystem route
  edit <route_number>
    set device {port1 | port2}
    set dst <ip_address>/<netmask_ip>
    set gateway <ip_address>
end
```

You have finished configuring the basic settings. You are now ready to add and manage FortiGate units. You can also add FortiClient installations and manager firmware updates and IPS updates as well as many more management configurations and options. To explore the full range of configuration options, see the online help or the Tools and Documentation CD.