

Configuring

Web-based Manager

Use the following procedure to connect to the web-based manager for the first time. Configuration changes made with the Web Config are effective immediately without resetting the unit or interrupting service.

To connect to the web-based manager

1. Connect the Port 1 interface of the unit to Ethernet port of the management computer. 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 Port 1 interface.
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 web-based manager, in your browser, go to <https://192.168.1.99> (remember to include the "s" in <https://>).
4. Type `admin` in the Name field and select Login.

After connecting to the Web-based manager, you can configure the unit IP address, DNS server IP address, and default gateway to connect the unit to the network.

To configure interfaces

1. Go to **System Settings > Network > Interface**.
2. Click the edit icon to configure each interface.
3. Set the IP address and netmask for the interface.
4. Click OK.

To configure the Primary and Secondary DNS server IP addresses

- Go to **System Settings > Network > DNS**, enter the Primary and Secondary DNS IP addresses click Apply.

To configure a Default Gateway

1. Go to **System Settings > Network > Static Routing** and select Create New.
2. Set Gateway to the Default Gateway IP address and click OK.

Command Line Interface

The unit has serial port. Use the null modem cable to connect it to your management computer.

To connect to the unit

1. Use a null modem cable to connect the serial port to the management computer serial port.
2. Start a terminal emulation program (such as HyperTerminal) on the management computer. Use these settings: Baud Rate 9600, Data bits 8, Parity None, Stop bits 1, Flow Control None.
3. At the login: prompt, type `admin` and press Enter twice.
(The login prompt is preceded by the server default host name.)

After connecting to the CLI, you can configure the unit IP address, DNS server IP address, and default gateway to connect the unit to the network.

To configure the unit using the CLI

1. Set the IP address and netmask of the Port1 interface.

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

2. Configure the primary and secondary DNS server IP addresses.

```
config fmsystem dns
  set primary <dns-server_ip>
  set secondary <dns-server_ip>
end
```

3. Configure the default gateway.

```
config fmsystem route
  edit 1
    set device <interface>
    set dst <destination_ip>
    set gateway <gateway_ip>
  end
```

Adding an administration password

By default, the admin user does not have a password. To restrict access to the unit management account, add password for the admin user account.

To add the admin user account password

1. Go to **System Settings > Administration > Administrator**.
2. Select the admin user name to edit the profile.
3. Select the Change Password check box.
4. Enter the old password.
5. Enter a new password in the New Password and Confirm Password fields.
6. Click OK.

Shutting down the unit

When powering off the unit, always shut down the unit using the following procedures before disconnecting the power supply. Not following this procedure can increase the risk of damaging the hard disk.

To power off the unit

1. Go to **System Settings > General > Dashboard**.
2. In the System Operation list, select Shut Down.
3. Click Go.
4. Once the indicates the shut down procedure has completed, disconnect the unit from the power source.

Shutting down the unit using the CLI

- Enter the following command at the prompt:

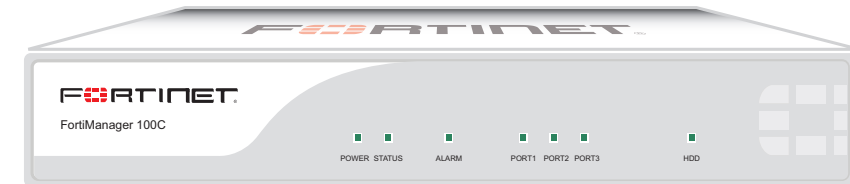
```
execute shutdown
```

Adding an administration password using the CLI

- To add an administration password in the CLI enter the following commands:

```
config fmsystem admin user
  edit admin
    set password
  please input password value <password>
```

FortiManager-100C



AC Power Required	100 – 240 VAC, 50 – 60 Hz, 1.5 Amp (Max)
Power Consumption (average)	48 W
Dimensions	1.75 in (4.4 cm) x 15 in (43.8 cm) x 6.3 in (16 cm)
Rack Mountable	Yes
Network Interfaces	1 - 10/100 2 - 10/100/1000
Number of Licensed Network Devices	20
Number of FortiClient Devices	2,500

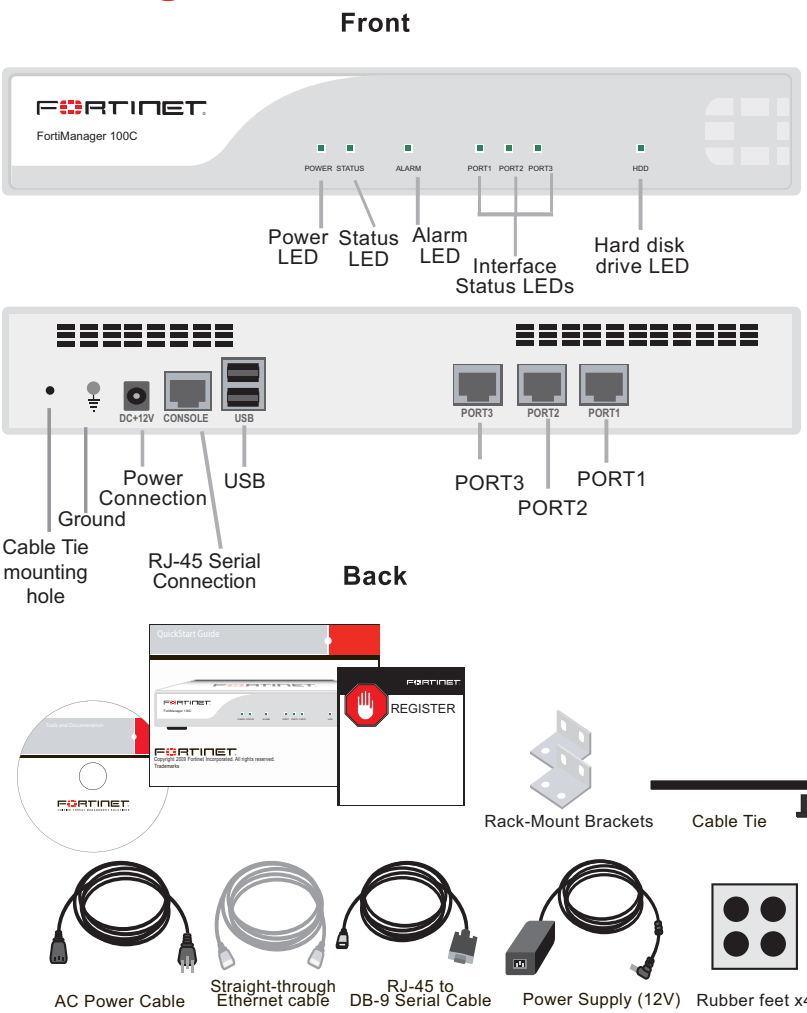
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 Regulatory Compliance
 FCC Class B Part 15 UL/CUL
 29 March 2010

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Package Contents



Factory Defaults

Administrator user name	admin
Administrator password	(none)
NAT/Route mode	
Port 1 interface	192.168.1.99
Port 2 interface	0.0.0.0
Port 3	0.0.0.0
DHCP server on Internal interface	0.0.0.0

To reset the FortiManager unit to the factory defaults, in the CLI type the command:
`execute reset all-settings`

LED Description

LED	State	Description
Power	Green	The unit is on.
	Off	The unit is off.
Status	Green/flashing	The unit is starting up.
	Off	The unit is running normally.
Port1, Port2, Port3*	Green	The correct cable is in use and the connected equipment has power.
	Flashing green	Network activity at this interface.
	Off	No link established.
Alarm	Off	Not in use.
HDD	Flashing green	The internal hard drive is in use.

*Port 3 LED is always solid green independent of the state.

Interface Description

Interface	Type	Speed	Protocol	Description
Console	RJ-45		Ethernet	Connection to the management computer. Provides access to the command line interface (CLI).
PORT1 and PORT2	RJ-45	10/100/1000 Base-T	Ethernet	Connection to the network.
PORT3	RJ-45	10/100 Base-T	Ethernet	Connection to the network. The speed cannot be changed.
USB	USB		USB	Two optional connections for the USB key, modem, or backup operation.

Connecting

Connect the following to the FortiManager unit. Ensure the unit is placed on a stable surface.

- Connect the RJ-45 to DB-9 serial cable into the Console port on the unit. Insert the other end into the management computer.
- Insert the ethernet cable into Port 1. Insert the other end to the router connected to the Internet, or to the modem.
- Connect the AC power cable to the Power Supply shipped with this product.
- Connect the AC power cable to a surge protected power bar or power supply.
- Insert the pointed end of the cable tie into the hole in the rear panel of the chassis to anchor the cable tie to the chassis.
- Loop the loose end around the adapter cable and insert the loose end into the locking latch.
- Pull the loose end to adjust the tightness of the loop around the adapter cable to prevent cable from being accidentally pulled out the unit.

Power supply: DC output 12.0V = 4.0A Max (60W Max)

Configuration Tools

Web Config

Web Config 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 unit and management computer.
- A web browser such as FireFox or Internet Explorer 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 included with the FortiManager unit.

Requirements:

- The RJ-45 to DB9 serial connection between the FortiManager unit and management computer.
- A terminal emulation application (HyperTerminal for Windows) on the management computer.