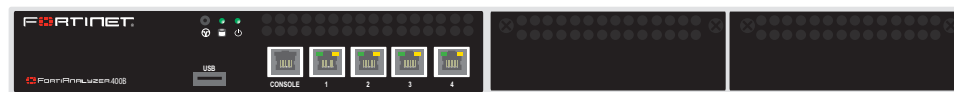


LED	State	Description
Alarm	Red	Hard disk failure.
Hard Disk	Amber	Activity on the hard disk.
Power	Green	The device is connected to a power source and on.
Ports 1 to 4 Left LED	Green	The correct cable is connected to the interface and the connected equipment has power.
	Flashing	Network activity at this interface.
Ports 1 to 4 Right LED	Green	The interface is connected at 1000 Mbps.
	Amber	The interface is connected at 100 Mbps.
	Off	The interface is connected at 10 Mbps.



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

- Technical Documentation - <http://docs.forticare.com>
- Fortinet Knowledge Center - <http://kb.fortinet.com>
- Fortinet Technical Support - <http://support.fortinet.com>
- Training Services - <http://campus.training.fortinet.com>

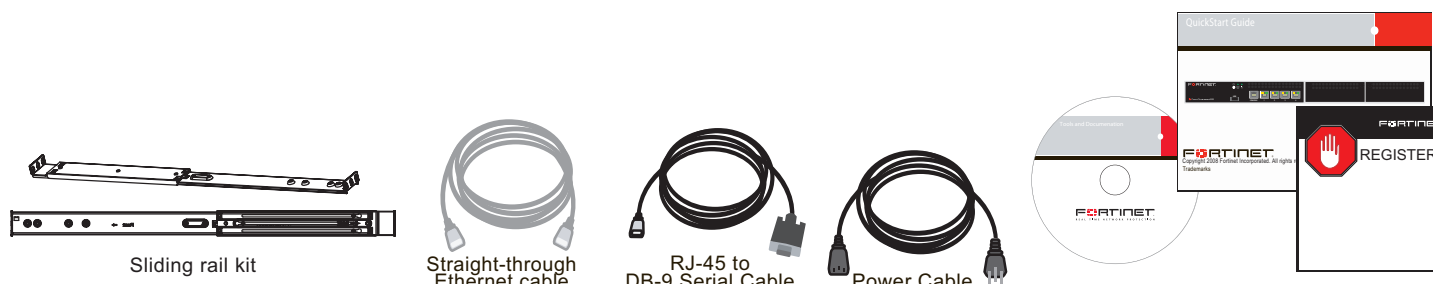
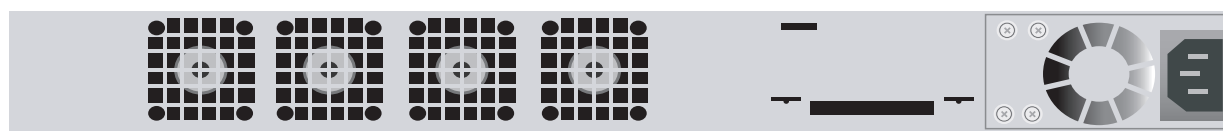
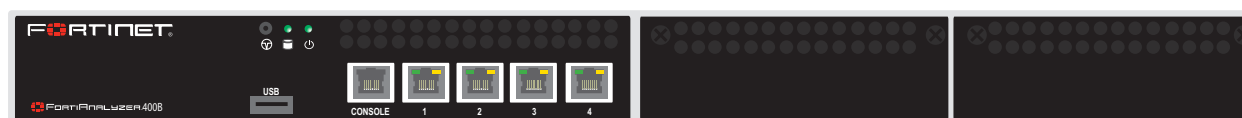


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 Regulatory Compliance
 FCC Class A Part 15 CSA/CUS
 11 June 2010

05-412-90582-20090205

Package Contents

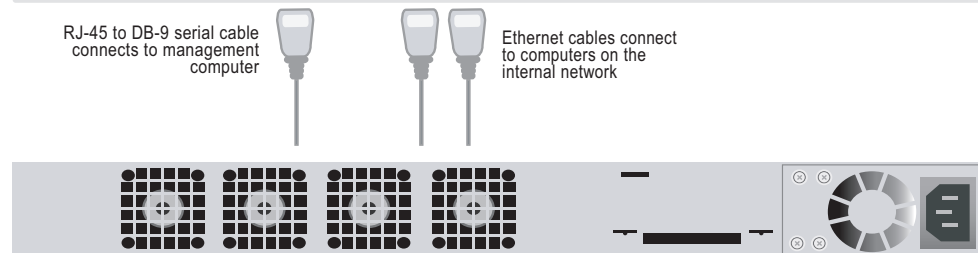
Connector	Type	Speed	Protocol	Description
Ports 1 to 4	RJ-45	10/100/1000 Base-T	Ethernet	Up to three connections to the internal network.
CONSOLE	RJ-45	9600 bps 8/N/1	RS-232 serial	Optional connection to the management computer. Provides access to the command line interface.
USB	USB		USB	Reserved for future use.



Connecting

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

- Connect a network cable to port 1. Insert the other end to a computer or switch.
- Connect the Power cord to the FortiAnalyzer unit.
- Connect the Power Cord to a surge protected power bar or surge protected power supply.



Power cable connects to power supply

Configuration Tools

Web-based manager

The FortiAnalyzer 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, add devices for log collection and configure reports.

Requirements:

- An Ethernet connection between the FortiAnalyzer 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-ROM.

Requirements:

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

Port 1	IP:	____ . ____ . ____ . ____
	Netmask:	____ . ____ . ____ . ____
	Management Access:	
Port 2	IP:	____ . ____ . ____ . ____
	Netmask:	____ . ____ . ____ . ____
	Management Access:	
Port 3	IP:	____ . ____ . ____ . ____
	Netmask:	____ . ____ . ____ . ____
	Management Access:	
Port 4	IP:	____ . ____ . ____ . ____
	Netmask:	____ . ____ . ____ . ____
	Management Access:	

Factory default settings

Administrator Account	User name:	admin
	Password:	(none)
Port 1	IP:	192.168.1.99
	Netmask:	255.255.255.0
	Management Access:	ping, https, http, ssh
Port 2	IP:	192.168.2.99
	Netmask:	255.255.255.0
	Management Access:	ping, https, http, ssh
Port 3	IP:	192.168.3.99
	Netmask:	255.255.255.0
	Management Access:	ping, https, http, ssh
Port 4	IP:	192.168.4.99
	Netmask:	255.255.255.0
	Management Access:	ping, https, http, ssh

To reset the FortiAnalyzer unit to the factory defaults, in the CLI type the command
`execute factory reset`

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-based manager are effective immediately without resetting the FortiAnalyzer unit or interrupting service.

To connect to the web-based manager

1. Connect the Port 1 interface of the FortiAnalyzer 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 FortiAnalyzer 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 FortiAnalyzer 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 FortiAnalyzer unit IP address, DNS server IP address, and default gateway to connect the FortiAnalyzer unit to the network.

To configure interfaces

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

To configure the Primary and Secondary DNS server IP addresses

1. Go to **System > Network > DNS**, enter the Primary and Secondary DNS IP addresses select Apply.

To configure a Default Gateway

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

Adding an administration password

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

To add the admin user account password

1. Go to **System > Admin**.
2. For the admin user, select the Change Password icon.
3. Enter a new password in the New Password box.
4. Reenter the password to Confirm Password box.
5. Select OK.

Adding an administration password using the CLI

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

```
config system settings
  edit admin
    set password <password>
end
```

Refer to the Tools and Documentation CD for information on how to control traffic, and how to add FortiGate units, manage logs, configure reports and many other FortiAnalyzer features.

Command Line Interface

The FortiAnalyzer-400B has serial port. Use the null modem cable to connect it to your management computer.

To connect to the FortiAnalyzer unit

1. Use a RJ-45 to DB9 cable to connect the FortiAnalyzer 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 FortiAnalyzer unit IP address, DNS server IP address, and default gateway to connect the FortiAnalyzer unit to the network.

To configure the FortiAnalyzer unit using the CLI

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

```
config system interface
  edit port1
    set ip <intf_ip>/<netmask_ip>
  end
```
3. Configure the primary and secondary DNS server IP addresses.

```
config system dns
  set primary <dns-server_ip>
  set secondary <dns-server_ip>
end
```
4. Configure the default gateway.

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

Shutting down the FortiAnalyzer unit

When powering off the FortiAnalyzer 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 FortiAnalyzer hard disk.

To power off the FortiAnalyzer unit

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

Shutting down the FortiAnalyzer unit using the CLI

Enter the following command at the prompt:

```
execute shutdown
```