

## FortiAnalyzer Unit LED Indicators

Light Icon	Description
	The FortiAnalyzer power indicator. The FortiAnalyzer unit is powered on when the light is on.
	Warning light. This light is on when a system or hardware malfunction occurs.
	Network activity. The light flashes as network activity is occurring on the FortiAnalyzer unit.
	Hard disk activity. The light flashes as log packets are written to the FortiAnalyzer hard disk, and when the FortiAnalyzer unit accesses the hard disk to generate reports.



## QuickStart Guide



FortiAnalyzer-400



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 Regulatory Compliance  
 FCC Class A Part 15 CSA/CUS  
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## 1 Checking the Package Contents

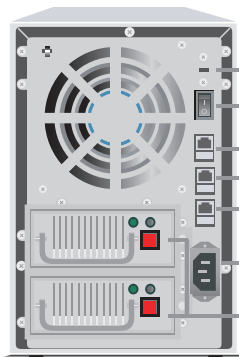
LED indicators:  
Power, Error, Network,  
and Disk Access

LCD  
Panel

Setting  
Switches  
A and B



Front



Back

Reset  
Switch  
Power  
Switch  
LAN1, LAN2, LAN3  
(Network  
Connections)  
Power  
Connection  
ATX  
Redundant  
Power  
Supplies



Ethernet Cables:  
Orange - Crossover  
Grey - Straight-through



Power Cable



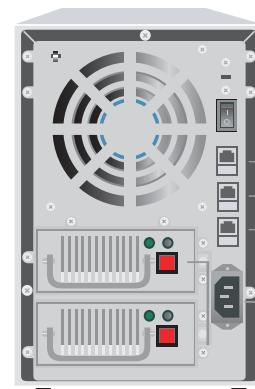
Documentation

Connector	Type	Speed	Protocol	Description
Ports 1, 2, 3	RJ-45	10/100Base-T	Ethernet	Connection to the network

## 2 Connecting

Connect the FortiAnalyzer unit to a power outlet and to the network hub or switch.

- Place the FortiAnalyzer unit on a stable surface. It requires 1.5 inches (3.75 cm) clearance on each side to allow for cooling.
- Make sure the power is not plugged into the wall before connecting the power cable.
- The Status light flashes while the unit is starting up and remains lit when the system is up and running.



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

Power cable connects to power outlet

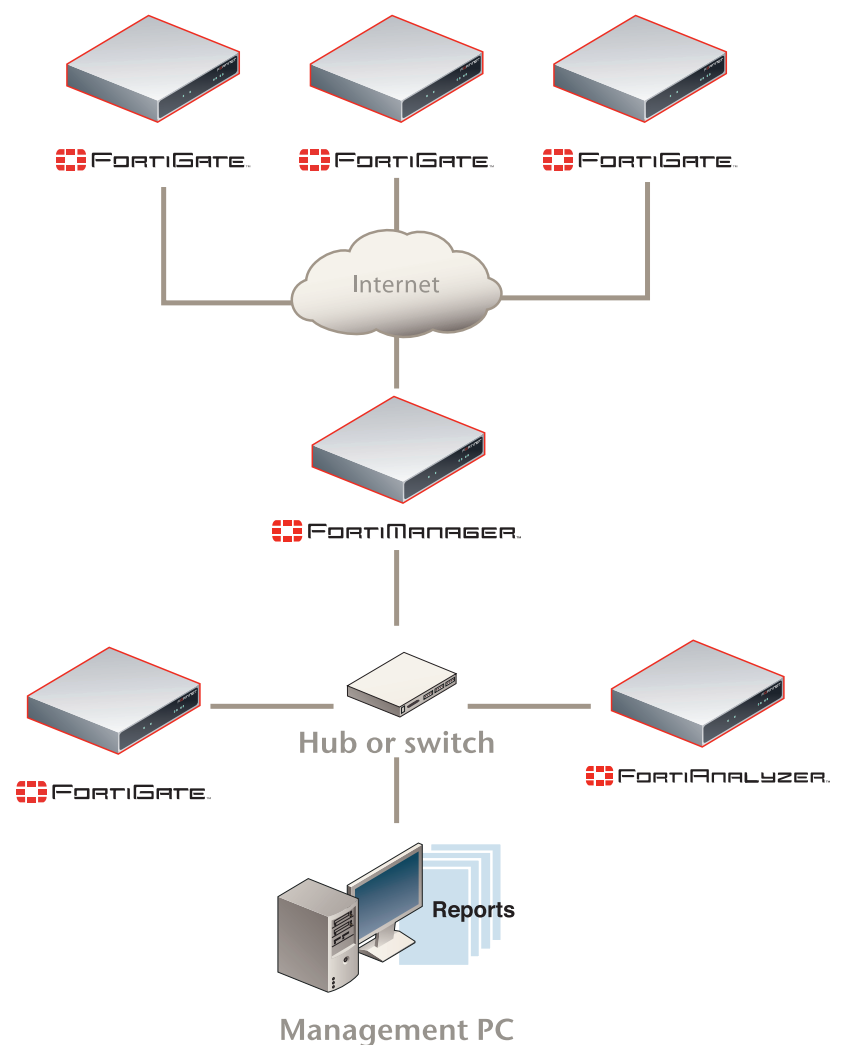
## 3 Planning the Configuration

You can add the FortiAnalyzer unit to your local FortiGate network to receive log messages from your local FortiGate units, or connect the FortiAnalyzer unit to the FortiGate units remotely using FortiManager. To connect the FortiAnalyzer unit to the FortiGate units remotely, you must configure the DNS server and the default gateway.

To manage the FortiAnalyzer unit, you can use a computer within the local network or over the Internet.

### Factory Defaults

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



# 4 Choosing a Configuration Tool

## 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.

### Requirements:

- An Ethernet connection between the FortiAnalyzer unit and management computer.
- Internet Explorer 6.0 or 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 Documentation CD-ROM.

### Requirements:

- A cross-over cable between the FortiAnalyzer unit and management computer or network connection through a hub or switch.
- A Secure Shell (SSH) application on the management computer.

# 5 Configuring the FortiAnalyzer Unit

## 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 LAN 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 LAN 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.

## Command Line Interface

The FortiAnalyzer-400 does not have a console port to connect directly to the device.

### To connect to the FortiAnalyzer unit

1. Connect the LAN 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 LAN 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.
  1. Start an SSH program on the management computer and connect to the FortiAnalyzer CLI at the address of 192.168.1.99.
  2. 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
```

## 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
```

## 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. No 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. Select Go.
4. 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
```

# 6 Completing the Configuration

### Congratulations!

You have finished configuring the basic settings. You are ready to add FortiGate devices and collect log information. To explore the full range of configuration options, see the online help or the Tools and Documentation CD-ROM.

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>