



Configuring

Web Config

1. Connect the FortiGate internal interface to a management computer
2. Configure the management computer to be on the same subnet as the internal interface of the FortiGate unit. 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 FortiGate web-based manager, start a web browser and type the address `http://192.168.1.99`
4. Type `admin` in the Name field and click Login.

NAT/Route mode

To change the administrator password

1. Go to *System > Admin > Administrators*.
2. Select Change Password for the admin administrator and enter a new password.

To configure interfaces

1. Go to *System > Network > Interface*.
2. Select the edit icon for each interface to configure.
3. Set the addressing mode for the interface. (See the online help for information.)
 - For manual addressing, enter the IP address and netmask for the interface.
 - For DHCP addressing, select DHCP and any required settings.
 - For PPPoE addressing, select PPPoE, and enter the username and password and any other required settings.

To configure the Primary and Secondary DNS server IP addresses

1. Go to *System > Network > Options*, enter the Primary and Secondary DNS IP addresses that you recorded above and select Apply.

To configure a Default Gateway

1. Go to *Router > Static* and select Edit icon for the static route.
2. Set Gateway to the Default Gateway IP address you recorded above and select OK.

Transparent mode

To switch from NAT/route mode to transparent mode

1. Go to *System > Config > Operation Mode* and select Transparent.
2. Set the Management IP/Netmask to 192.168.1.99/24.
3. Set a default Gateway and select Apply.

To change the administrator password

1. Go to *System > Admin > Administrators*.
2. Select Change Password for the admin administrator and enter a new password.

To change the management interface

1. Go to *System > Config > Operation Mode*.
2. Enter the Management IP address and netmask that you recorded above and select Apply.

To configure the Primary and Secondary DNS server IP addresses

1. Go to *System > Network > Options*, enter the Primary and Secondary DNS IP addresses that you recorded above and select Apply.

Command Line Interface

1. Use the RJ-45 to DB9 serial cable to connect the FortiGate Console port to the management computer serial port.
2. Start a terminal emulation program (HyperTerminal) on the management computer. Use these settings: Baud Rate (bps) 9600, Data bits 8, Parity None, Stop bits 1, and Flow Control None.
3. At the Login: prompt, type `admin` and press Enter twice (no password required).

NAT/Route mode

1. Configure the FortiGate internal interface.

```
config system interface
  edit internal
    set ip <intf_ip>/<netmask_ip>
  end
```

2. Repeat to configure each interface, for example, to configure the Port 1 interface.

```
config system interface
  edit port1
  ...
```

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 router static
  edit 1
    set gateway <gateway_ip>
  end
```

Transparent Mode

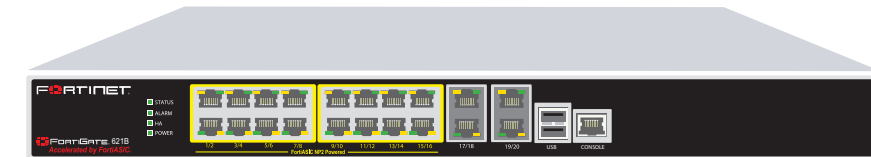
1. Change from NAT/Route mode to Transparent mode and configure the Management IP address.

```
config system settings
  set opmode transparent
  set manageip <mng_ip>/<netmask>
  set gateway <gateway_ip>
end
```

2. Configure the DNS server IP address.

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

FortiGate-621B



AC Power Required	100 - 240 VAC, 60 - 50 Hz, 6 - 3 Amp (Max)
Chassis	1U
Network Interfaces	16 10/100/1000 RJ-45 NP2 accelerated 4 10/100/1000 RJ-45 non-accelerated 2 USB 2.0 ports 1 RJ45 serial console port

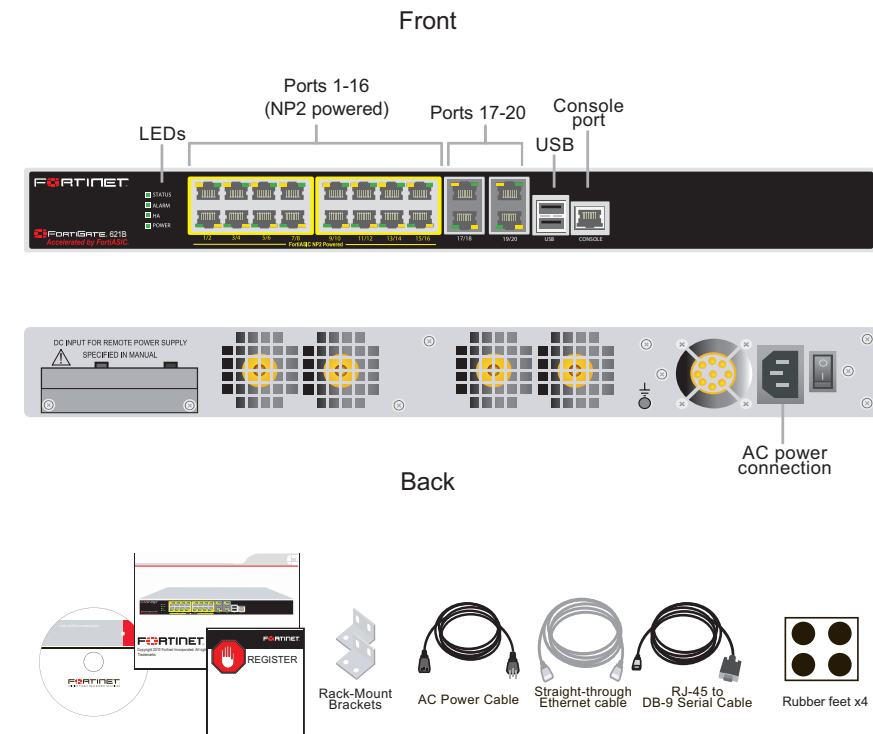
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 Regulatory Compliance
 FCC Class A Part 15, / CE Mark
 13 July 2010

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Package Contents



LED Description

LED	State	Description
Power	Green	The unit is on.
	Off	The unit is off.
Status	Flashing Green	The unit is starting up.
	Green	The unit is running normally.
HA	Green	The unit is running in HA mode.
	Off	The unit is not in HA mode.
Alarm	Off	Not in use.
Left (Activity) Ports 1 to 20	Green	The correct cable is in use and the connected equipment has power.
	Off	No network cable connected.
Right (Speed) Ports 1 to 20	Green	Network speed of 1000 Mbps.
	Amber	Network speed of 100 Mbps.
	Off	Network speed of 10 Mbps.

Interface Description

Interface	Type	Speed	Protocol	Description
Ports 1 to 16	RJ-45	10/100/1000 Base-T	Ethernet	Copper gigabit connection to 10/100/1000 copper networks (NP accelerated).
Ports 17 to 20	RJ-45	10/100/1000 Base-T	Ethernet	Integrated 10/100/1000 NIC connectors.
CONSOLE	RJ-45	9600 bp/s 8/N/1	RS-232 serial	Optional connection to the management computer. Provides access to the command line interface.
USB	USB		USB	Optional connection for USB key for firmware backup and installation.

Factory Defaults

Administrator user name	admin
Administrator password	(none)
NAT/Route mode	
Port 1	192.168.1.99
Port 2	192.168.100.99
Port 4	10.10.10.1

To reset the FortiGate unit to the factory defaults, in the CLI type the command:
`execute factoryreset`

Connecting

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

- 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 a port. Insert the other end to the router connected to the Internet, or to the modem.
- Connect the AC power cable to the power supply on the back of the unit.
- Connect the power cord to a surge protected power bar or power supply.

Configuration Tools

Web Config

The FortiGate 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 FortiGate 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 FortiGate unit.

Requirements:

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