

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 FortiScan unit or interrupting service.

Requirements:

- An Ethernet connection between the FortiScan unit and management computer.
- A web browser such as FireFox or Internet Explorer on the management computer.

To connect to the web-based manager

1. Connect the Port 1 interface of the FortiScan 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 FortiScan 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 FortiScan 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, `P@ssword1` in the Password field, and click Login.

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

To configure the Primary and Secondary DNS server IP addresses

1. Go to System > Network > DNS.
2. Enter the Primary and Secondary DNS IP addresses and click Apply.

To configure a Default Gateway

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

Administration password

To restrict access to the FortiScan unit management account, it is recommended that the default password is changed after you first login.

To change the admin user account password after login

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

Command Line Interface

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

Requirements:

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

To connect to the FortiScan unit

1. Use a null modem cable to connect the FortiScan serial port to the management computer serial port.
2. Start a terminal emulation program (such as HyperTerminal) on the management computer.
3. Use these settings: Baud Rate 9600, Data bits 8, Parity None, Stop bits 1, Flow Control None.
4. 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 FortiScan unit IP address, DNS server IP address, and default gateway to connect the FortiScan unit to the network.

To configure the FortiScan 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
```
2. Configure the primary and secondary DNS server IP addresses.

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

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

Shutting down the FortiScan unit

When powering off the FortiScan unit, always shut down the unit using the following procedures before disconnecting the power supply. If you do not follow this procedure, it can increase the risk of damaging the FortiScan hard disk.

1. Enter the following command at the prompt:

```
execute shutdown
```
2. To power down completely, remove the front panel and press the power button.

FortiScan-1000C



AC Power Required	100 – 240 VAC, 50 – 60 Hz, 7.0 Amp (Max)
Power Consumption (average)	189 W
Chassis	1U
Network Interfaces	4 10/100/1000 Ethernet (Base-T) 4 USB connections 1 RS-232 Console 1 DVD ROM drive
Disk Storage Capacity	4 3.5" x 1TB slots — 2 1TB hard drives installed

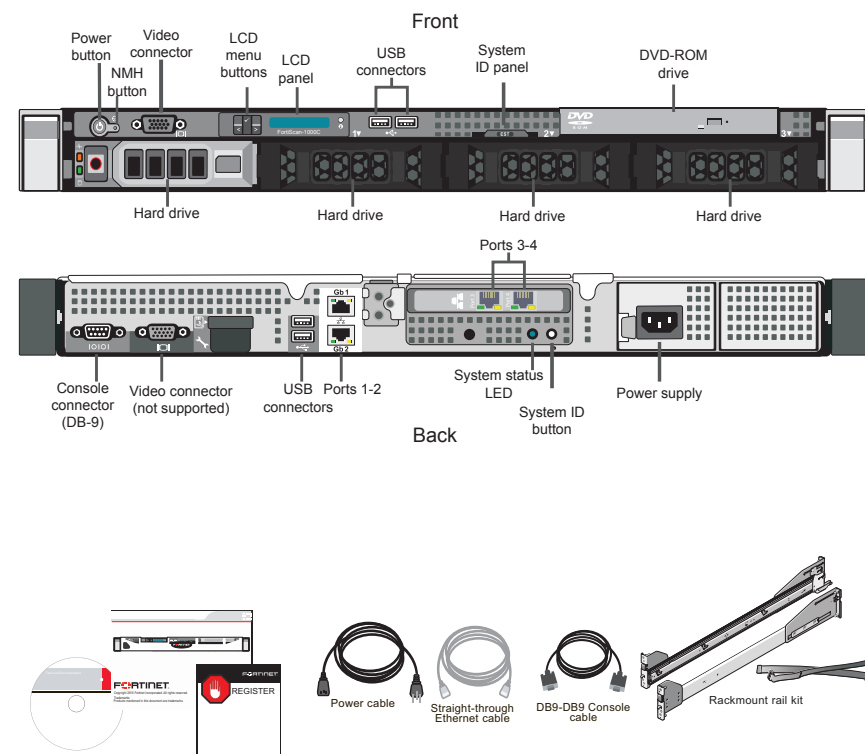
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 Regulatory Compliance
 FCC Class A Part 15, UL/CB/CUL, C Tick, VCCI
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Package Contents



Factory Defaults

Administrator user name	admin
Administrator password	P@ssword1
NAT/Route mode	
Port 1	192.168.1.99
Port 2	192.168.2.99
Port 3	192.168.3.99
Port 4	192.168.4.99

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

LED Description

LED	State	Description
LCD panel	Blue	Normal system operation. Flashes when the System ID button is pressed.
	Amber	System requires attention. An error code and message is shown.
Hard Drive Power	Off	Normal state.
Hard drive Activity	Green	Drive online.
	Slow green blinking	Drive rebuilding.
	Blinks amber 4 times per second	Drive failed.
	Blinks green, amber, and off	Drive predicted failure.
	Blinks green 2 times per second	Identify drive/preparing for removal.
	Blinks green 3 seconds, amber 3 seconds, and off 6 seconds	Rebuild aborted.
	Off	Drive ready for insertion or removal
Port 1 and 2	Activity (right) Off	Port has power and network connection.
	Activity (right) Green flashing	Network data is being sent or received.
	Link/speed (left) indicator is Green	Connected at 1000 Mbps.
	Link/speed (left) indicator is Amber	The interface is connected at 100 or 10 Mbps.
Port 3 and 4	Activity (left) Green	Port has power and network connection.
	Activity (left) Green flashing	Network data is being sent or received.
	Link/speed (right) indicator is Green	Connected at 1000 Mbps.
	Link/speed (right) indicator is Amber	The interface is connected at 100 Mbps.
Link/speed (right) indicator is Off	Connected at 10 Mbps.	
	Connected at 10 Mbps.	
System Status indicator	Blue	Power indicator on the back of the system. Flashes when the System ID button is pressed.

Interface Description

Interface	Type	Speed	Protocol	Description
Ports 1 to 4	RJ-45	10/100/1000 Base-T	Ethernet	Integrated 10/100/1000 NIC connectors.
USB	USB		USB	Four optional connections to a USB key for installation.
Hard drives	1 TB			Two 3.5" 1TB hard drive is provided. Can support up to four hard drives.
Console	DB-9	9600 bps 8/N/1	RS-232 serial	Optional connection to the management computer. Provides access to the command line interface.
Serial				Connects a serial device to the system. Baud Rate 9600, Data bits 8, Parity None, Stop bits 1.
System ID button				The ID buttons on the front and back panels are used to locate a system in a rack. When one of these buttons is pushed, the LCD panel on the front and the System Status indicator on the back flash blue until one of the buttons is pushed again.

Connecting

Connect the following to the unit. Ensure the unit is placed on a stable surface or install in a standard 19 inch rack. See the *FortiScan-1000C Install Guide* for details.

- Assemble the rails and install the system in the rack following the safety instructions and the rack installation instructions provided with your system.
- Connect the system's power cable to the system.
- Bend the system power cable into a loop and secure the cable to the bracket using the provided strap.
- Plug the other end of the power cable into a grounded electrical outlet or a separate power source such as an uninterruptible power supply (UPS) or a power distribution unit (PDU).
- Insert an Ethernet cable into the one of the 4 ports on the FortiManager unit. Insert the other end to the router connected to the Internet, or to the modem.
- Press the power button on the system.