



Networking Worksheet
IronPort Email Security Appliance

Technical Support:
1-877-641-IRON (4766)

System Settings			
Default System Hostname:			
Email System Alerts To:			
Deliver Scheduled Reports To:			
Time Zone Information:			
NTP Server:			
Admin Password:			
SenderBase Network Participation:		Enable / Disable	
AutoSupport:		Enable / Disable	
Network Integration			
Gateway:			
DNS (Internet or Specify Own):			
Interfaces			
Data 1 Port			
IP Address:			
Network Mask:			
Fully Qualified Hostname:			
Accept Incoming Mail:	Domain	Destination	
Relay Outgoing Mail:			System
Data 2 Port			
IP Address:			
Network Mask:			
Fully Qualified Hostname:			
Accept Incoming Mail:	Domain	Destination	
Relay Outgoing Mail:			System
Message Security			
SenderBase Reputation Filtering:		Enable / Disable	
Enable IronPort Anti-Spam Scanning Engine		Enable / Disable	
McAfee Anti-Virus Scanning Engine		Enable / Disable	
Sophos Anti-Virus Scanning Engine		Enable / Disable	
Virus Outbreak Filters		Enable / Disable	

IRONPORT C160
QUICKSTART GUIDE

IronPort C160

These simple-to-follow steps will allow you to install, configure, and start using your IronPort Email Security appliance right away.

Before you start, be sure you have the following:

- Rack cabinet enclosure
- Dell 9G Combination Rails - Rapid/Versa Combination Rails and adaptor kits (optional)
- 10/100/Gigabit BaseT TCP/IP local area network (LAN)
- Web browser software (or SSH and terminal software)
- Network cable(s) for connecting to your network

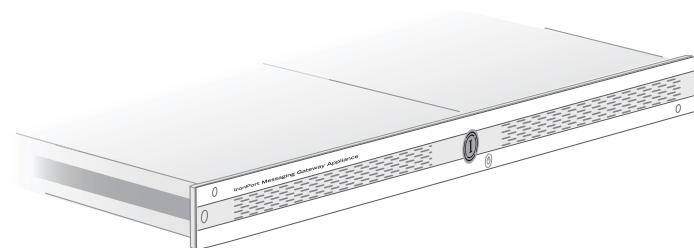
1 UNPACK

Check to make sure the following items are present in the IronPort Email Security appliance system box:

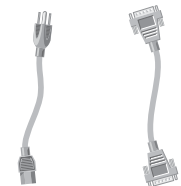
- **IronPort C160 Email Security appliance**
- Power cord
- Null modem serial cable
- IronPort C160 Quickstart Guide (this guide)
- IronPort AsyncOS Documentation CD
- Safety and Compliance Guide
- 2 Pan-head screws (for use with optional rack-mount kit)

Note:

You can download the AsyncOS Release Notes from the IronPort Customer Support Portal located at www.support.ironport.com.



POWER SERIAL



Pan-head screws



Documentation CD



Quickstart Guide



Safety and Compliance Guide

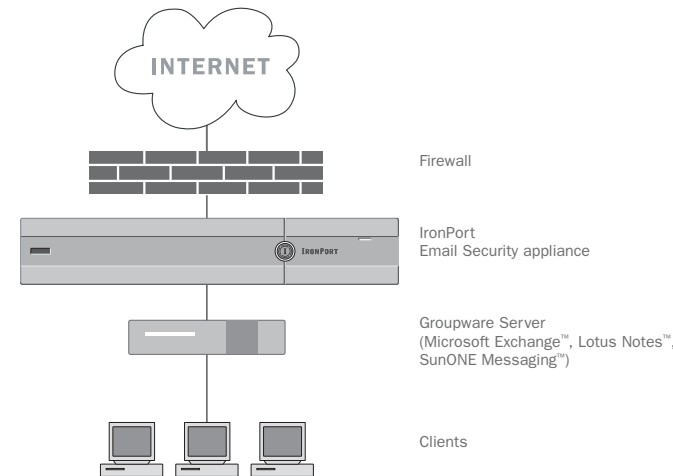
2 INSTALL

PLAN THE INSTALLATION WITHIN YOUR NETWORK

Your IronPort appliance is designed to serve as your SMTP email gateway at your network perimeter — that is, the first machine with an IP address that is directly accessible to the Internet for sending and receiving email. Many of the features (including Email Security Monitor, Reputation Filtering, Content Scanning, Spam Detection, and Virus Protection) require you to install the IronPort appliance into your existing network infrastructure in the following way.

Note:

Cisco IronPort recommends that you contact a sales engineer from your Certified VAR or Cisco IronPort to participate in the planning and implementation of the install. Cisco IronPort also recommends that you contact your sales engineer for any installation questions.



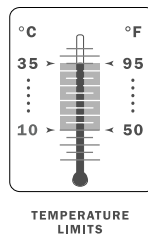
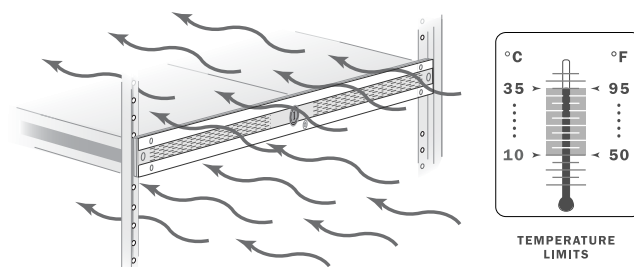
Depending on your network configuration, your firewall may need to be configured to allow access on the following ports. SMTP and DNS services must have access to the Internet. For other system functions, the following services may be required:

- SMTP: port 25
- HTTP: port 80
- SSH: port 22
- LDAP: port 389 or 3268
- LDAP over SSL: port 636
- LDAP with SSL for Global Catalog queries: port 3269
- FTP: port 21, data port TCP 1024 and higher
- DNS: port 53
- HTTPS: port 443
- Telnet: port 23
- NTP: port 123

See the appendix, "Firewall Information" in the *AsyncOS For Email User Guide* for more information.

Install in Rack

Install the IronPort appliance into your rack cabinet. Ensure the ambient temperature around the system is within the specified limits. Ensure there is **sufficient airflow** around the unit.



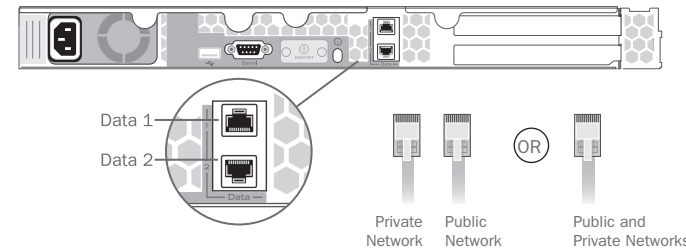
3 CONNECT

DATA

The IronPort appliance contains **two gigabit network ports**. **At least one static IP address is required** to send and receive email.

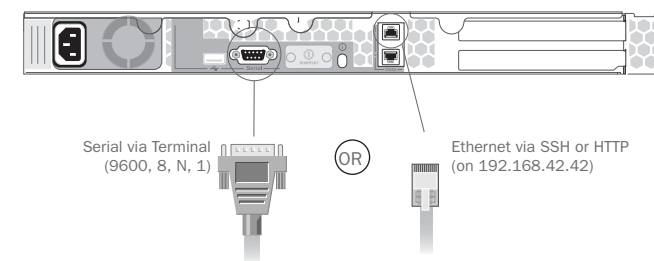
You can receive and deliver email from a single connection to either network port if your network topology dictates it. Two IP addresses can be configured on one network interface.

Or, you can connect the Data 1 network port to your public network, and connect the Data 2 network port to your private network.



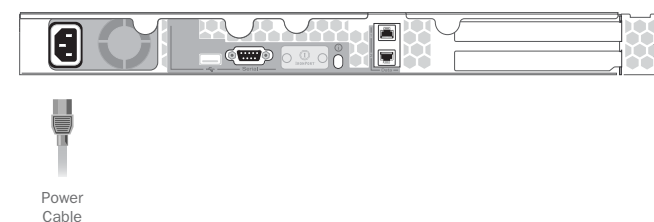
SETUP and MANAGEMENT

- For access by Ethernet™, connect to the **Data 1 Network Port**. Use a **browser** to access the web-based interface on the **default IP address, 192.168.42.42**. You can also access the command line interface by **SSH** or **terminal emulation software** on the same IP address. (The netmask is /24.)
- Or, for Serial access, connect to the Serial Port. Access the command line interface by a terminal emulator using 9600 bits, 8 bits, no parity, 1 stop bit (**9600, 8, N, 1**), flow control = Hardware.



POWER

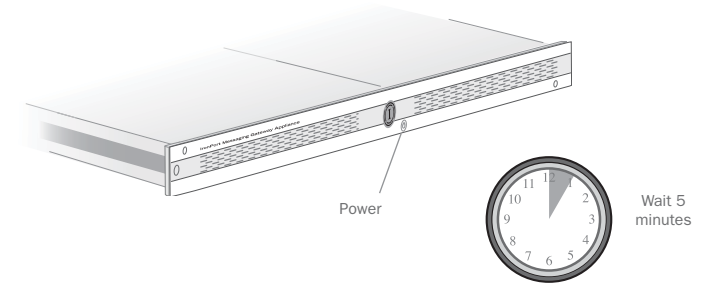
- Plug the female end of the **power cable into the power supply** on the back panel of the appliance. Plug the male end into an electrical outlet.



Power Cable

4 POWER UP

Turn on the **system power** by pressing the On/Off switch on the front panel of the the appliance. You must **wait five minutes** for the system to initialize the very first time you power up before moving to Step 5.



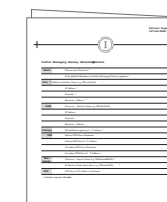
5 CONFIGURE

- Fill out the **Networking Worksheet on the back of this Quickstart Guide**. Contact your network administrator if you need assistance.
- Use a browser to **connect to the following URL:**

<http://192.168.42.42>

- Login as: **Username: admin**
Password: ironport
- The System Setup Wizard begins and the end user license agreement is displayed. Please read and accept the license agreement to continue.
- Use the information from the Networking Worksheet to complete the System Setup Wizard.

(Or, you may connect using SSH or terminal emulation software. Initiate a session to the IP address 192.168.42.42. Log in as **admin** with the password **ironport** and, at the prompt, run the **systemsetup** command.)



Record critical information from the Networking Worksheet to assist in completing the System Setup Wizard.