Networking Worksheet
Cisco IronPort Email Security Appliance

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	Default Gateway (router) IP address:
DNS	☐ Use the Internet's root DNS Servers:
	☐ Use these DNS Servers:

Interfaces

Data 1 Port

IP address:

Network mask:

Fully Qualified Host name:

Accept Incoming Mail Domain:

Accept Incoming Mail Destination:

Relay Outgoing Mail:

Data 2 Port

IP address:

Network mask:

Fully Qualified Host name:

Accept Incoming Mail Domain:

Accept Incoming Mail Destination:

Relay Outgoing Mail:

Management Port

IP address:

Network mask:

Fully Qualified Host name:

Accept Incoming Mail Domain:

Accept Incoming Mail Destination:

Relay Outgoing Mail:

Message Security

SenderBase Reputation Filtering	☐ Enable	☐ Disable
IronPort Anti-Spam Sanning Engine	☐ Enable	☐ Disable
McAfee Anti-Virus Scanning Engine	☐ Enable	☐ Disable
Sophos Anti-Virus Scanning Engine	☐ Enable	☐ Disable
Virus Outbreak Filters	☐ Enable	☐ Disable

QUICKSTART GUIDE

Cisco IronPort C370

Cisco IronPort C370

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

Before you start, be sure you have the following:

- Rack cabinet enclosure
- Appropriate rails and adaptor kits
- 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 Cisco IronPort Email Security appliance system box:

- **Cisco IronPort C370 Email Security Appliance**
- Dual-head power cable
- Straight power cables (2)
- Null modem serial cable
- Cisco IronPort C370 Quickstart Guide (this guide)
- Cisco IronPort AsyncOS Documentation CD
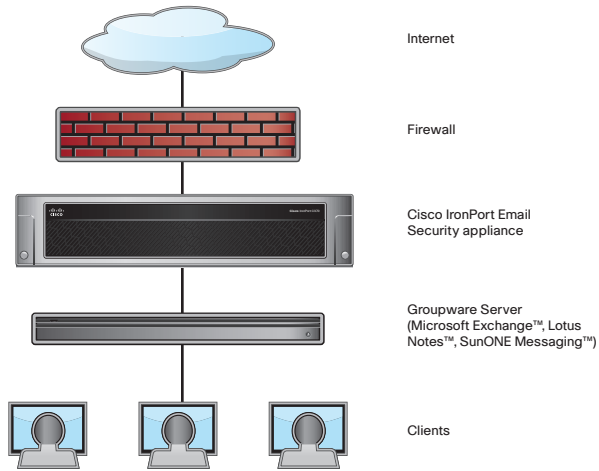- Safety and Compliance Guide

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

Power   Serial

(1)   (2)   (1)

Documentation CD

Quickstart Guide

Safety and Compliance Guide
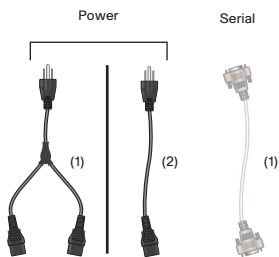
2 INSTALL

Plan the installation within your network

Your Cisco 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, Spam Detection, Virus Protection, and Encryption) require you to install the Cisco IronPort appliance into your existing network infrastructure in the following way.

Internet

Firewall

Cisco IronPort Email Security appliance

Groupware Server (Microsoft Exchange™, Lotus Notes™, SunONE Messaging™)

Clients

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
- DNS: port 53
- HTTPS: port 443
- Telnet: port 23
- NTP: port 123
- LDAP with SSL for Global Catalog queries: port 3269
- FTP: port 21, data port TCP 1024 and higher

See the appendix "Firewall Information" in the *Cisco IronPort AsyncOS for Email Configuration Guide* for more information.

Install in Rack

Install the Cisco 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.

°C   °F
35   95
10   50

Temperature Limits
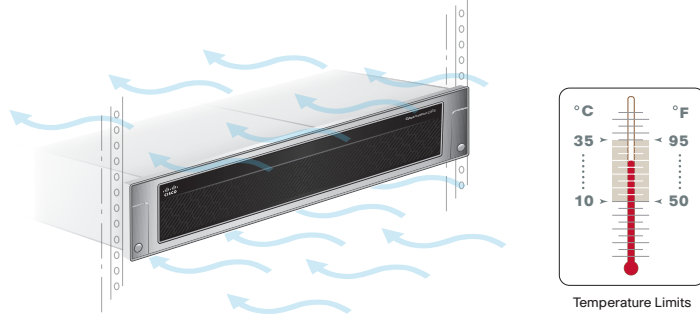
3 CONNECT

Data

The Cisco IronPort Appliance requires at least one IP address to send and receive email. Ideally, two IP addresses should be used:

- Connect the Data 1 network port to your public network
- Connect the Data 2 network port to your private network

Alternately, you can receive and deliver email from a single connection to either network port, if your network topology dictates it. Multiple IP addresses can be configured on one network interface. (The netmask is /24.)

Public Network   Private Network   **or**   Public and Private Networks
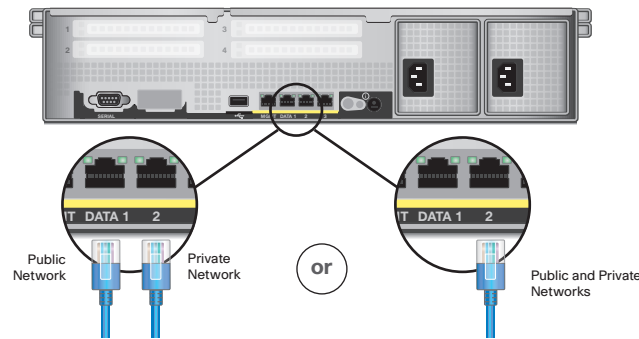
Setup and Management

- For access by Ethernet™, connect to the **Management 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)**, flowcontrol = Hardware.

Serial via Terminal (9600, 8, N, 1)   **or**   Ethernet via SSH or HTTP (on 192.168.42.42)
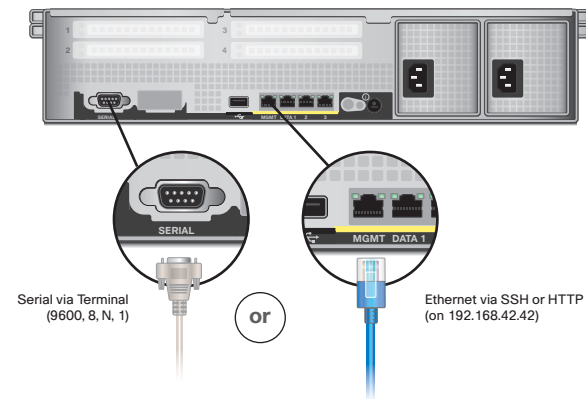
Power

- Plug the female end of each straight power cable into the redundant power supplies on the back panel of the appliance.
- Or, plug the female ends of the dual-head power cable into the redundant power supplies on the back panel of the appliance.

Dual-Head Power Cable   **or**   Straight Power Cables
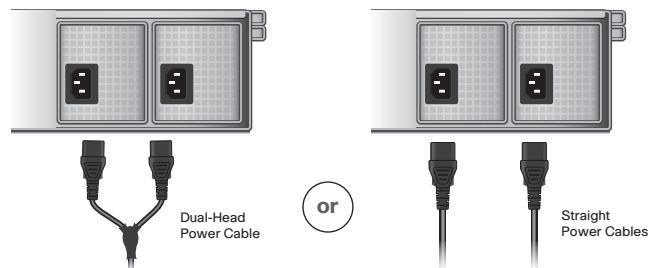
4 POWER-UP

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 on to Step 5.

Power

Wait 5 minutes
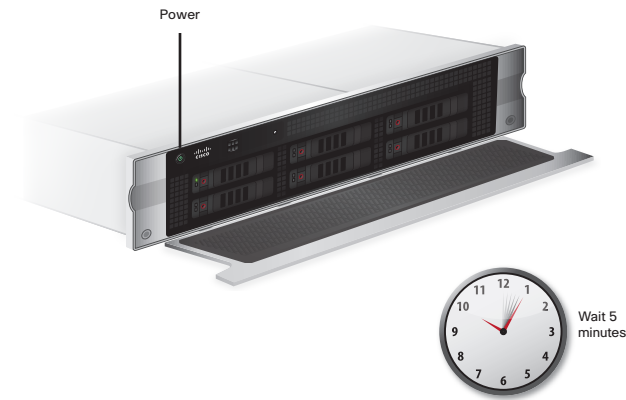
5 CONFIGURE

- 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

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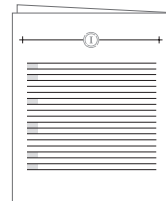
Record critical information from the Networking Worksheet to assist in completing the System Setup Wizard.