## 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

### Network Integration

<table>
<thead>
<tr>
<th>Network</th>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gateway</td>
<td>Default Gateway (router) IP address</td>
<td></td>
</tr>
<tr>
<td>DNS</td>
<td>Use the Internet’s root DNS Servers</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Use these DNS Servers</td>
<td></td>
</tr>
</tbody>
</table>

### Interfaces

#### Data 1 Port

<table>
<thead>
<tr>
<th>Interface</th>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>IP address</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Network mask</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fully Qualified Host name</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accept Incoming Mail Domain</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accept Incoming Mail Destination</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Relay Outgoing Mail</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Data 2 Port

<table>
<thead>
<tr>
<th>Interface</th>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>IP address</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Network mask</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fully Qualified Host name</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accept Incoming Mail Domain</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accept Incoming Mail Destination</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Relay Outgoing Mail</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Management Port

<table>
<thead>
<tr>
<th>Interface</th>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>IP address</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Network mask</td>
<td></td>
<td></td>
</tr>
<tr>
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<td></td>
<td></td>
</tr>
<tr>
<td>Accept Incoming Mail Domain</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accept Incoming Mail Destination</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Relay Outgoing Mail</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Message Security

- SenderBase Reputation Filtering □ □ Disable
- IronPort Anti-Spam Scanning Engine □ □ Disable
- McAfee Anti-Virus Scanning Engine □ □ Disable
- Sophos Anti-Virus Scanning Engine □ □ Disable
- Virus Outbreak Filters □ □ Disable
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 adapter kits
- 10/100/Gigabit BaseT TCP/IP local area network (LAN)
- Web browser software (or SSH and terminal software)
- Cisco IronPort AsyncOS Documentation CD
- NTP: port 123
- Safety and Compliance Guide
- 10/100/Gigabit BaseT TCP/IP local area network (LAN)
- HTTP: port 80
- Dual-head power cable
- Plug the female ends of the dual-head power cable into the redundant power supplies on the back panel of the appliance. Each power supply must be plugged into a separate branch circuit.
- DNS: port 53
- Web browser software (or SSH and terminal software)

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

- Cisco IronPort X1070 Email Security Appliance
- Dual-head power cable
- Straight power cables (2)
- Null modem serial cable
- Cisco IronPort X1070 Quickstart Guide (this guide)
- Cisco IronPort AsyncOS for Email Configuration Guide
- Cisco IronPort AsyncOS Documentation CD
- Safety and Compliance Guide

Note:
The Cisco IronPort AsyncOS for Email Configuration Guide does not ship with Email Security appliances that include a FIPS-compliant Hardware Security Module card.


1 UNPACK

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.

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:

- SMPT port 25
- DNS: port 53
- HTTP: port 80
- HTTPS port 443
- SSH port 22
- Telnet port 23
- LDAP port 389 or 636
- LDAPS over SSL, port 636
- LDAP with SSL, for Global Catalog queries: port 3269
- FTP, port 21

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.

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.

Alternatively, 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.

Note: Some Cisco IronPort X1070 appliances contain fiber optic interfaces installed as the Data 4 and Data 5 network ports. You can also use these fiber optic interfaces if your network topology dictates it.

Email Security appliances that include a FIPS-compliant Hardware Security Module card have an additional serial port on the card. Cisco IronPort’s implementation of FIPS does not use this serial port.

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 bps, 8 data bits, no parity, 1 stop bit (9600, 8, N, 1), flowcontrol = Hardware.

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.

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. You can accept the license agreement, or change the values here before the wizard completes. Click Next to continue.
- Use the information from the Networking Worksheet to complete the System Setup Wizard.
- (Do 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.)