



CHAPTER 1

Configuring of Your Inbound Email Servers

Connection Manager

- Step 1** In ScanCenter, click the **Email** tab to display the **Email** menus.
- Step 2** In the **Inbound** menu, click **Connection Mgr** to display the connection manager page.
- Step 3** Click **Edit**.
- Step 4** Ensure the **Email Bomb**, **Directory Harvest Attack**, **Virus OutBreak**, and **Spam Attack** check boxes are selected.

Connection Manager - Email Config		
	View	Edit
Connection Manager can detect and automatically mitigate attacks against email servers. By clicking the "Enable Action" button, rules are engaged that will monitor for threat conditions, and automatically block the offending IP. If you prefer monitoring for threat conditions and alert you without intervening, configure Alerts for the appropriate attack. For full definition on specific rules, click here .		
Threat Response		
Attack Type	Sensitivity	500 Error Returned
Email Bomb Detects the malicious delivery of messages meant to deny or disrupt normal services.	☒ Normal	550 mailbox unavailable
Directory Harvest Attack Prevents spammers from harvesting valid email addresses off of your server.	☒ Normal	550 mailbox unavailable
Virus OutBreak Identifies a sudden spike in the volume of virus-laden messages relative to total inbound messages.	☒ Normal	550 mailbox unavailable
Spam Attack Identifies a sudden spike in the volume of spam relative to total inbound messages.	☒ Normal	550 mailbox unavailable

- Step 5** Select the **Sensitivity**, typically **Normal**, for each threat response.
- Step 6** Select the **500 Error Returned**, typically **550 mailbox unavailable**.
- Step 7** Click **Submit** to accept your changes.

Delivery Manager

The next step is to configure your primary and fail-over mail servers.

- Step 1** In the **Inbound** menu, click **Delivery Mgr** to display the delivery manager page..
- Step 2** Click **Edit**.
- Step 3** Input your primary email exchange server addresses in either DNS name or IP address and enter the percentage of load balancing.

Delivery Manager - Email Config

[View](#) [Edit](#) [Events](#)

Email Servers and Load Balancing

Distributes messages across multiple email servers in a regulated manner.

☐ Use Google Apps Gmail. [Learn more...](#)

☒ Use my own email server (configured below)

Email Servers	% Conn.	Conn. Limit	Open Conn.
[192.0.32.10]	100	150	0

Fail Over

If the primary email servers fail, messages can be delivered to an alternate pool of email servers.

Email Servers	% Conn.	Conn. Limit	Open Conn.

Overflow

☐ Allows fail over email servers to accept excess messages beyond primary connection limits. (This does not apply if you are using Google Apps Gmail as your mail server.)

Dual Delivery Server

☐ Enable Dual Delivery. Send a copy of all incoming messages to another mail server. Users must be registered on both mail servers. Recommended: Set up delivery alerts by batch commands. [Learn more...](#)

☐ Send a copy to Google Apps Gmail

☒ Send a copy to this email server:

Submit

Cancel

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Step 4 Click **Submit** to accept your changes.

Spooling Manager

- Step 1

In the **Inbound** menu, click **Spool Mgr** to display the spool manager page.
- Step 2

Click **Edit**.
- Step 3

Amend the spooling settings as desired. However, Cisco recommends the settings shown below for optimum spooling performance when required.

Spool Manager - Email Config
[View](#)
[Edit](#)
[Events](#)

Spooling Mechanism

Automatic ☒ Set to Automatic to ensure that messages will be spooled when your organization's email hosts are not responding. Manual spooling is useful for regular server upgrades and planned outages.

Start Manually ☐

Suspend ☐

Spooling Delay Setting a spooling delay extends the time between when an outage is recognized, and the Spooling process is initiated. This accommodates network outages or inconsistent connections.

Unspooling Control

Automatic ☒ Spooled messages can be unspooled automatically once your server or network is restored. If you wish to manually initiate unspooling, set to Manual Unspooling and return to this page to initiate.

Manual ☐

Unspooling Connection Rate

Set Rate To ensure that spooled messages do not conflict with regular traffic, set a lower number of concurrent connections for the unspooling process.

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Step 4 Click **Submit** to accept your changes.

Alerts

The administrator can have alerts sent to them which are configured from this screen.

Step 1 In the **Inbound** menu, click **Alerts** to display the alerts page.

Step 2 Select the required check boxes.

Alerts - Email Config

	Dhiren	Click here to Configure	Config More >>
Connection Manager			
Email Bomb	☐	☒	
Directory Harvest Attack	☐	☐	
Virus Outbreak	☐	☐	
Spam Attack	☐	☐	
Delivery Manager			
Organization Email Host Down	☒	☐	
Email Host Down	☒	☐	
Spool Manager			
Spool Initiated	☒	☐	
Spool Quota Thresholds (50%, 75%, 90%, 95%, 99% of full)	☒	☐	
Spool Full	☒	☐	
Unspool Initiated	☒	☐	
Unspool Complete	☒	☐	
Alert Descriptions			
Submit Cancel			

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Step 3 Click **Click here to Configure**.

Alert Destination - Email Config

An alert can be delivered to any email address including any wireless device that is text-enabled.

Name

Give this destination a name.

[Click here to Configure](#)**Address**

Enter an email address where alerts will be sent. It's HIGHLY RECOMMENDED that Delivery Manager and Spool Manager alerts go to a mobile device. Check with your phone carrier to validate the email address, and test the device.

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- Step 4** Enter a name for the recipient of alert messages and email address of mobile device or alternative email address.
- Step 5** Click **Submit** to accept your changes.
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