

# IronPort™ C-Series™ Operations Training



## Course Overview

This comprehensive, two-day training course provides a thorough grounding in how to successfully operate the IronPort C-Series Messaging Gateway appliance. Attendees receive in-depth instruction on the most commonly used product features, with an emphasis on:

- How to deploy the C-Series appliance in a typical enterprise email environment, including “best practices” for configuration, operation, and system administration.
- How to manage, monitor, and troubleshoot the flow of email through the C-Series appliance.
- How to configure access control policies to eliminate threats at the perimeter based on the identity and trustworthiness of the sender.
- How to create content filters to implement and enforce corporate email policies.
- How to configure the C-Series appliance to detect and handle unwanted spam and viruses.

Extensive lab exercises provide attendees with critical hands-on experience installing, configuring and administrating the C-Series appliance. At the end of the course, attendees will possess a working knowledge of how to use the C-Series appliance to successfully manage and troubleshoot email traffic entering and leaving the enterprise network.

Attendees will also learn about advanced Internet email concepts and will receive an overview of other product features that can be used for more customized configurations.

## Audience

- Enterprise messaging managers and system administrators
- Email system designers and architects
- Network managers responsible for messaging implementation

## Prerequisites

Attendees should possess the following background knowledge and skills:

- A moderate knowledge of TCP/IP fundamentals, including IP addressing and sub-netting, static IP routing, DNS, and a very basic knowledge of the TCP protocol.
- Experience with Internet-based messaging, including SMTP, Internet message formats, and MIME message formatting and body parts.
- Familiarity both with command line interface (CLI) and graphical user interface (GUI) configuration of devices.

In addition, it is recommended that attendees have some experience with basic configuration of the IronPort C-Series appliance.

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## Day One Agenda

### IronPort C-Series Overview

- Product / technology overview
- Email infrastructure overview – where the C-Series fits
- The email pipeline

### Integrating the C-Series Appliance in Your Network

- Interfaces and listeners
- SMTP routes

### Access Control (Part 1)

- Host access table (HAT) and recipient access table (RAT)
- Tracing messages

### Access Control (Part 2)

- Mail flow policies and sender groups

### Centralized Mail Services

- Alias tables, domain map, and masquerading

### Using LDAP to Address and Route Mail

- Using LDAP to validate and rewrite recipients

## Day Two Agenda

### Policy Enforcement

- Message filters
- Delivery and bounce configuration

### Anti-Spam

- SenderBase Reputation Filters
- Brightmail Anti-Spam configuration

### Anti-Virus

- Sophos Anti-Virus configuration

### Troubleshooting and Logging

- Troubleshooting tools and best practices
- Log file contents and log administration

### Mail Flow Monitoring and Management

- Tracking incoming and outgoing mail
- Monitoring system status
- The work queue

### System Administration

- Support tools
- System backup and recovery
- Software upgrades

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## Day One Schedule

8:00 am	Coffee & Refreshments
8:30 am	Course Begins
10:30 am	Break
10:45 am	Resume
12:30 pm	Lunch
1:30 pm	Resume
3:00 pm	Break
3:15 pm	Resume
5:00 pm	Day One Ends

## Day Two Schedule

8:00 am	Coffee & Refreshments
8:30 am	Day Two Begins
10:30 am	Break
10:45 am	Resume
12:30 pm	Lunch
1:30 pm	Resume
3:00 pm	Break
3:15 pm	Resume
5:00 pm	Course Ends