

Securing Email with Cisco Email Security Appliance • SESA

DURATION: 4 DAYS

PRICE: USD 3595

CLCs: 36

CE: 24

COURSE CODE: SESA | **FORMAT:** Lecture & Lab

COURSE DESCRIPTION

The Securing Email with Cisco Email Security Appliance (SESA) v3.1 course shows you how to deploy and use Cisco® Email Security Appliance to establish protection for your email systems against phishing, business email compromise, and ransomware, and to help streamline email security policy management. This hands-on course provides you with the knowledge and skills to implement, troubleshoot, and administer Cisco Email Security Appliance, including key capabilities such as advanced malware protection, spam blocking, anti-virus protection, outbreak filtering, encryption, quarantines, and data loss prevention.

WHO SHOULD ATTEND

- Network or security technicians, administrators, engineers or managers responsible for web and email security
- Security architects and system designers
- Network administrators and operations engineers
- Cisco partners, resellers, or employees responsible for supporting Cisco email security

solutions

- Cisco channel partners who are seeking to maintain, optimize, and troubleshoot a Cisco ESA
- Channel partner field engineers who are seeking to be trained and certified on the Email Security for Field Engineer (700-280 ESFE) exam

PREREQUISITES

A student must possess one or more of the following basic technical competencies:

- Cisco certification (Cisco CCENT certification or higher)
- Relevant industry certification, such as (ISC)2
- Cisco Networking Academy letter of completion (CCNA 1 and CCNA 2)
- Windows expertise: Microsoft (Microsoft Specialist, MCSA, MCSE), CompTIA (A+, Network+, Server+)

The knowledge and skills that a student must have before attending this course are as follows:

- TCP/IP services, including DNS, SSH, FTP, SNMP, HTTP, and HTTPS, is assumed
- Experience with IP routing is assumed

Securing Email with Cisco Email Security Appliance • SESA

COURSE OBJECTIVES

- Describe the Cisco Email Security Appliance
- Administer the Cisco Email Security Appliance
- Control sender and recipient domains
- Control spam with Talos SenderBase and anti-spam
- Use anti-virus and outbreak filters
- Use mail policies
- Use content filters
- Use message filters to enforce email policies
- Prevent data loss
- Perform LDAP queries
- Authenticate SMTP sessions
- Authenticate email
- Encrypt email
- Use system quarantines and delivery methods
- Perform centralized management using clusters
- Test and troubleshoot

COURSE OUTLINE

1. Describing the Cisco Email Security Appliance

Discovery 1: Verify and Test Cisco ESA Configuration

2. Administering the Cisco Email Security Appliance

Discovery 2: Perform Basic Administration

3. Controlling Sender and Recipient Domains

4. Controlling Spam with Talos SenderBase and Anti-Spam

Discovery 3: Advanced Malware in Attachments (Macro Detection)

Discovery 4: Protect against Malicious or Undesirable URLs Beneath Shortened URLs

Discovery 5: Protect Against Malicious or Undesirable URLs Inside Attachments

Discovery 6: Intelligently Handle Unscannable Messages

Discovery 7: Leverage AMP Cloud Intelligence Via PreClassification Enhancement

Discovery 8: Integrate Cisco ESA with AMP Console

5. Using Anti-Virus and Outbreak Filters

Discovery 9: Prevent Threats with Anti-Virus Filters

Discovery 10: Applying Content and Outbreak Filters

6. Using Mail Policies

7. Using Content Filters

Discovery 11: Configure attachment Scanning

8. Using Message Filters

9. Preventing Data Loss

Discovery 12: Configure Outbound Data Loss Prevention

10. Using LDAP

Discovery 13: Integrate Cisco ESA with LDAP and Enable the LDAP Accept Query

11. SMTP Session Authentication

12. Email Authentication

Discovery 14: DomainKeys Identified Mail (DKIM)

Discovery 15: Sender Policy Framework (SPF)

Discovery 16: Forged Email Detection

13. Email Encryption

14. Using System Quarantines and Delivery Methods

15. Centralized Management Using Clusters

Discovery 17: Configure the Cisco SMA for Tracking and Reporting

16. Testing and Troubleshooting

17. References

Securing Email with Cisco Email Security Appliance • SESA

Instructor Led Training

To view the schedule and
secure your site

SIGN UP HERE