



Enhanced Network Solutions Group

Systems Integration • Learning Solutions • CIO Consulting
Managed Outsourcing • Healthcare Solutions • Security Solutions

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FIREWALL Deploying Cisco ASA Firewall Features

FIREWALL Rev 03.11

5 days

Description

This five-day, instructor-led course aims at providing network security engineers with the knowledge and skills needed to implement and maintain Cisco ASA adaptive security appliance-based perimeter solutions. Participants will learn how to reduce risk to the IT infrastructure and applications using Cisco ASA adaptive security appliance features, and provide detailed operations support for the Cisco ASA adaptive security appliance.

Prerequisites

- *Cisco Certified Network Associate (CCNA) certification*
 - *Interconnecting Cisco Network Devices 1 (ICND1)*
 - *Interconnecting Cisco Network Devices 2 (ICND2)*
- *Cisco Certified Network Associate Security (CCNA Security) certification*
 - *Implementing Cisco IOS Network Security (IINS)*
 - *Working knowledge of the Microsoft Windows operating system*

Course Objectives

After completing this course, the learner will be able to meet these overall objectives:

- *Evaluate the basic technology, features, and hardware models of the Cisco ASA adaptive security appliance product line*
- *Implement and maintain basic Cisco ASA adaptive security appliance connectivity and device management plane features*
- *Implement and maintain data plane access control features of the Cisco ASA adaptive security appliance product family*
- *Implement and maintain Cisco ASA adaptive security appliance features that integrate it with the local and global routing and switching infrastructure*
- *Implement and maintain Cisco ASA adaptive security appliance virtualization and high availability features*
- *Evaluate Cisco ASA adaptive security appliance SSM modules, their major features, and integrate them with the Cisco ASA adaptive security appliance*

Course Outline

Module 1: Introduction to the Cisco ASA Adaptive Security Appliance

Module 2: Implementation of Basic Connectivity and Device Management

Module 3: Deployment of Cisco ASA Adaptive Security Appliance Access Control Features

Module 4: Deployment of Cisco ASA Adaptive Security Appliance Network Integration Features

Module 5: Deployment of Cisco ASA Adaptive Security Appliance Virtualization and High-Availability Features

Module 6: Integration of Cisco ASA Adaptive Security Appliance Security Service Modules

Appendix A: Configuring Routing on the Cisco ASA Adaptive Security Appliance

Appendix B: Lab (Optional): Configuring Dynamic Routing



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