



## **Deploying Cisco ASA Firewall Features (FIREWALL)**

### **Prerequisites**

The knowledge and skills that a learner must have before attending this course

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 Content**

The Deploying Cisco ASA Firewall Features (FIREWALL) 1.0 course is an instructor-led course presented by Cisco training partners to their end-user customers. This five-day 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. Successful graduates will be able 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.

### **Course Objectives**

Upon 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**

- Introduction to the Cisco ASA Adaptive Security Appliance
- Implementation of Basic Connectivity and Device Management
- Deployment of Cisco ASA Adaptive Security Appliance Access Control Features
- Deployment of Cisco ASA Adaptive Security Appliance Network Integration Features
- Deployment of Cisco ASA Adaptive Security Appliance Virtualization and High-Availability Features
- 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