

Deploying Cisco ASA Firewall Solutions

Duration: 5 Days Course Code: FIREWALL

Overview:

The Deploying Cisco ASA Firewall Solutions (FIREWALL) course aims to provide network security engineers with the knowledge and skills needed to implement and maintain Cisco ASA adaptive security appliance-based perimeter solutions. Delegates 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.

Target Audience:

This course is designed for: Individuals who implement and maintain Cisco ASA firewalls Network security specialists and technicians Delegates seeking CCNP Security certification

Objectives:

- Upon completing this course, the learner will be able to meet these overall objectives:
- Evaluate the basic firewall technology, features, hardware models, and licensing options of the Cisco ASA security appliance
- Implement and troubleshoot basic Cisco ASA security appliance connectivity and device management plane features
- Configure and verify Cisco ASA security appliance network integration
- Configure and verify Cisco ASA security appliance policy
- Configure and verify high availability and virtualization on Cisco ASA security appliances

Prerequisites:

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

- CCNA Certification
 - CCNA Security Certification
 - Working knowledge of Microsoft Windows OS is an advantage
- To gain the prerequisite skills and knowledge, Cisco strongly recommends the knowledge of the following courses:
- Interconnecting Cisco Networking Devices Part 1 (ICND1)
 - Interconnecting Cisco Networking Devices Part2 (ICND2)
 - Implementing Cisco IOS Network Security (IINS)

Testing and Certification

Recommended preparation for:

- 642-617 - Deploying Cisco ASA Firewall Features (Last day to test 28th May 2012)
 - 642-618 - Deploying Cisco ASA Firewall Features
- FIREWALL is one of four courses required for the **Cisco Certified Network Professional (CCNP) Security** Certification.

Follow-on-Courses:

- Securing Networks with Cisco Routers and Switches (SECURE)
- Deploying Cisco ASA VPN Solutions (VPN)
- Implementing Cisco Intrusion Prevention System (IPS)

Content:

Cisco ASA Adaptive Security Appliance Essentials

- Evaluating Cisco ASA Adaptive Security Appliance Technologies
- Identifying Cisco ASA Adaptive Security Appliance Families
- Identifying Cisco ASA Adaptive Security Appliance Licensing Options

Basic Connectivity and Device Management

- Preparing the Cisco ASA for Network Integration
- Managing Basic Cisco ASA Network Settings
- Configuring Cisco ASA Device Management Features

Network Integration

- Configuring Cisco ASA NAT Features
- Configuring Cisco ASA Basic Access Control Features
- Configuring Cisco ASA Routing Features
- Configuring the Cisco ASA Transparent Firewall

Cisco ASA Adaptive Security Appliance Policy Control

- Defining the Cisco ASA MPF
- Configuring Cisco ASA Connection Policy and QoS Settings
- Configuring Cisco ASA Advanced Application Inspections
- Configuring Cisco ASA User-Based Policies

Cisco ASA Adaptive Security Appliance High Availability and Virtualization

- Configuring Cisco ASA Interface Redundancy Features
- Configuring Cisco ASA Active/Standby High Availability
- Configuring Security Contexts on the Cisco ASA
- Configuring Cisco ASA Active/Active High Availability

Further Information:

For More information, or to book your course, please call us on 00 971 4 446 4987

training@globalknowledge.ae

www.globalknowledge.ae

Global Knowledge, Dubai Knowledge Village, Block 2A, First Floor, Office F68, Dubai, UAE