



ASA Firewall



About Course

The Cisco ASA is a security device that combines firewall, antivirus, intrusion prevention, and virtual private network (VPN) capabilities. It provides proactive threat defense that stops attacks before they spread through the network. Therefore, the Cisco ASA firewall is the whole package, so to speak.

ASA FIREWALL

CURRICULUM

① **ASA Basic Configurations**

Identify the ASA product family

Implement ASA licensing

Manage the ASA boot process

Managing ASA interface settings

ASA management features

ASDM public server feature

ASA transparent firewall feature

Managing Backup and Restore of firewall

② **Managing ASA Access Control List**

Understanding ACLs and its types

Implementing ACLs according to scenario

③ **Network Address Translation (NAT) On The ASA**

Understanding NAT and its types

Configuring NAT

④ **ASA Routing Features**

Static routing and floating static routing
Dynamic routing

5 ASA Inspection Policy And Modular Policy Framework

Implement ASA inspections features
Configuring Class map, Policy map and Service map

6 ASA Advanced Network Protections

Implement ASA Botnet traffic filter

7 ASA Virtualization Feature

Managing Virtual Contexts on ASA

8 ASA High Availability

ASA Active-Standby failover
Configuring Active- Active failover
Implement ASA stateful failover

9 Virtual Private Networks

Understanding Virtual private networks and its types
Configuring Site to Site VPN tunnels
Configuring and managing Remote access VPN tunnels
Managing SSL VPN


- 10 **Upgrading Cisco ASA Firewall**
 - Updating and upgrading firewall to new IOS versions
- 11 **Troubleshooting Firewall Issues And VPN Issues**



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