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CISCO ASA FIREWALL

SYLLABUS

Prepared For :
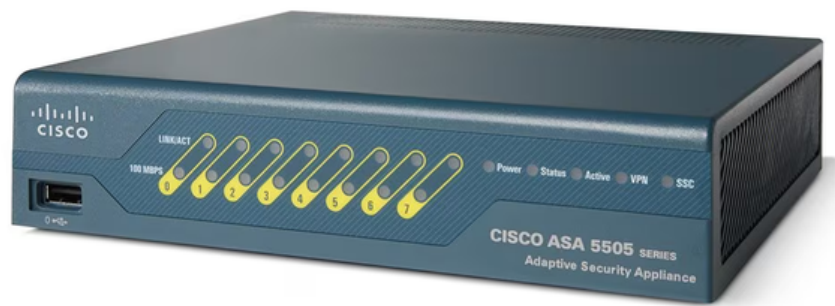Eduva Tech

Contact Us:

info@eduvatech.com
Call/Whatsapp: +91 9315519124

Course Outline

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- **Cisco ASA Features**
- Using the CLI
- Using the Cisco ASDM
- Understanding Factory default configuration Working configuration files
- **Cisco ASA Firewall Interfaces**
- Configuring Physical interfaces
- Configuring Vlan interfaces
- Redundant Interface
- Configuring Interface Security Parameters
- Naming the interface o Security Level
- Assigning the IP Address
- **Cisco ASA IP Connectivity**
- Configuring the Static Routing
- Routing with EIGRP
- Routing with OSPF
- Routing with BGP Verifying the routing Table
- Configuring the SSH andTelnet
- Configuring HTTP/S

- **Cisco ASA NAT (Address Translation)**
- Understanding the NAT
- Methods of NAT
- Inside NAT
- Outside NAT
- Implementation of NAT
- Auto NAT
- Manual NAT
- Types of NAT
- Static NAT
- Dynamic NAT
- PAT
- Twice NAT
- Identity NAT
- **Cisco ASA ACL**
- Inside/ Outside ACL.
- Object ACL.
- Life of a Packet on the Cisco

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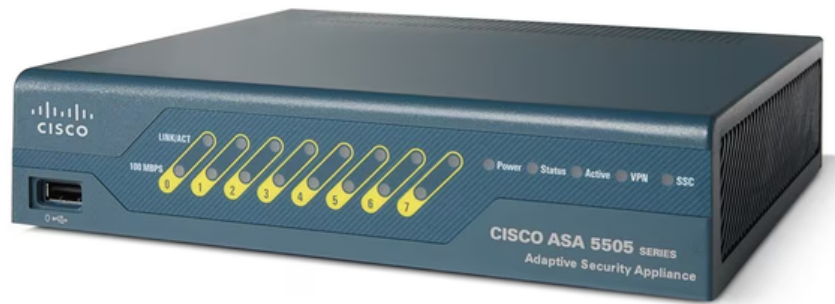
- **Cisco ASA Modes**
- Transparent Mode
- Routed Mode
- **Cisco ASA Context**
- Admin Context
- System Context
- User Context
- Deployment Guide
- **Cisco High Availability**
- ASA Failover
- Active/Standby Active/Active
- Verifying failover Operations
- Clustering ASA firewall
- Wireshark Capture
- VPN
- Site to site vpn
- Remote access vpn
- SSL VPN
- IKEV2
- Deep packet inspection

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