Implementing Core Cisco ASA Security

Duration: 5 Days      Course Code: SASAC      Version: 1.0

Overview:
This five-day 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. This course is focused on the features of 9.x

Target Audience:
Network engineers supporting Cisco ASA 9.x implementations

Objectives:
- After completing this course you should be able to:
  - Explain the core essential features of Cisco ASA 5500-X Series Next-Generation Firewalls
  - Describe how to implement Cisco ASA basic connectivity and device management
  - Implement basic Cisco ASA network integration
  - Describe and implement basic Cisco ASA policy controls
  - Describe Cisco ASA common VPN components
  - Describe and implement Cisco ASA clientless VPN solutions
  - Describe and implement Cisco ASA and Cisco AnyConnect full tunnel VPN solutions

Prerequisites:
Attendees should meet the following prerequisites:
- Hold a CCNA in Security ICND1 + IINS

Testing and Certification
Recommended Preparation for exam(s):
- There are no exams currently associated to this course.

Follow-on-Courses:
Delegates looking for more advanced ASA knowledge should consider
- SASAA - Implementing Advanced ASA Security

Delegates looking for Security Certification should consider the CCNP in Security, the required courses are:
- SENSS - Implementing Cisco Edge Network Security Solutions
- SITCS - Implementing Cisco Threat Control Systems
- SIMOS - Implementing Cisco Secure Mobility
- SISAS - Implementing Cisco Secure Access Solutions
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### Labs

- **Lab 1-1:** Accessing the Remote Lab Environment
- **Lab 2-1:** Configuring the Cisco ASA Adaptive Security Appliance
- **Lab 3-1:** Configuring NAT
- **Lab 3-2:** Configuring Basic Cisco Access Control Features
- **Lab 4-1:** Configuring MPF, Basic Stateful Inspections, and QoS
- **Lab 4-2:** Configuring MPF Advanced Application Inspections
- **Lab 6-1:** Implementing Basic Clientless SSL VPN on the Cisco ASA
- **Lab 6-2:** Configuring Application Access for Clientless SSL VPN on the Cisco ASA
- **Lab 6-3:** Implementing External Authentication and Authorization for Clientless SSL VPNS
- **Lab 7-1:** Implementing Basic Cisco AnyConnect SSL VPN on the Cisco ASA
- **Lab 7-2:** Configuring Advanced Authentication for Cisco AnyConnect SSL VPNS
- **Lab 7-3:** Implementing Cisco AnyConnect IPsec/IKEv2 VPNS
- **Lab 8-1:** Configuring Active/Standby High Availability

### Further Information:

For more information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

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