

SASAC (Implementing Core Cisco ASA Security)

前提条件

- Cisco CLIの経験がある (Router、Switch、Firewallなど)

下記のコースを受講済み、または同等の知識を有する方

- [SENSS \(Implementing Cisco Edge Network Security Solutions\)](#)

受講対象者

Cisco ASA 9.xの実装をサポートするネットワークエンジニアの方

概要

Cisco ASA 8.4.1以降 (Cisco ASA 9.xを含む) の主要な機能について学習します。

目的

このコースを修了すると次のことができるようになります。

Cisco ASA 5500-Xシリーズ 次世代型ファイアウォールの主要な基本機能を説明する

Cisco ASAの基本的な接続性と機器管理の実装方法を説明する

Cisco ASAによる基本的なネットワーク統合を実装する

Cisco ASAによる基本的なポリシー制御を説明し、実装する

Cisco ASAにおける共通のVPNコンポーネントを説明する

Cisco ASAのクライアントレスVPNソリューションを説明し、実装する

Cisco ASAのCisco

AnyConnectによるフルトンネルVPNソリューションを説明し、実装する

アウトライン

Module 1 Cisco ASA Adaptive Security Appliance Essentials

Lesson 1 Evaluating Cisco ASA Adaptive Security Appliance Technologies

Lesson 2 Identifying Cisco ASA Adaptive Security Appliance Models

Lesson 3 Identifying Cisco ASA Adaptive Security Appliance Licensing Options

Lab 1-1 Remote Lab Environment Access

Module 2 Basic Connectivity and Device Management

Lesson 1 Preparing the Cisco ASA Adaptive Security Appliance for Network Integration

Lesson 2 Managing Basic Cisco ASA Adaptive Security Appliance Network Settings

Lab 2-1 Configuring the Cisco ASA Adaptive Security Appliance

Module 3 Network Integration

Lesson 1 Configuring Cisco ASA Adaptive Security Appliance NAT Features

Lab 3-1 Configuring NAT

Lesson 2 Configuring Cisco ASA Adaptive Security Appliance Access Control Features

Lab 3-2 Configuring Basic Cisco ASA Adaptive Security Appliance Access Control Features

Lesson 3 Configuring Cisco ASA Adaptive Security Appliance Routing Features

Module 4 Cisco ASA Adaptive Security Appliance Policy Controls

Lesson 1 Defining the Cisco ASA Adaptive Security Appliance MPF

Lab 4-1 Configuring MPF, Basic Stateful Inspections, and QoS

Lesson 2 Configuring Cisco ASA Adaptive Security Appliance Advanced Application Inspections

Lab 4-2 Configuring MPF Advanced Application Inspections

Module 5

Lesson 1 VPN Overview

Lesson 2 Implementing Profiles, Group Policies, and User Policies

Lab 6-1 Implementing Basic Clientless SSL VPN on Cisco ASA

Lesson 3 Deploying Application Access in Cisco ASA Clientless SSL VPN

Lab 6-2 Configuring Application Access for Clientless SSL VPN on the Cisco ASA

Lesson 4 Deploying Client-side Authentication and Authorization in Clientless SSL VPN

Lab 6-3 Implementing External Authentication and Authorization in Clientless SSL VPN

Module 7 Cisco AnyConnect Full Tunnel VPN Solution

Lesson 1 Deploying Basic Cisco AnyConnect SSL VPN on Cisco ASA

Lab 7-1 Implementing Basic Cisco AnyConnect SSL VPN on Cisco ASA

Lesson 2 Deploying Advanced Cisco AnyConnect SSL VPN on Cisco ASA

Lesson 3 Deploying Advanced Authentication and Authorization in Cisco AnyConnect VPNs

Lab 7-2 Configure Advanced Authentication and Authorization in Cisco AnyConnect VPN

Lesson 4 Deploying Cisco AnyConnect IPsec/IKEv2 VPNs

Lab 7-3 Implementing AnyConnect IPsec/IKEv2 VPNs

Module 8

Lesson 1 Configuring Cisco ASA Interface Redundancy Features

Lesson 2 Configuring Cisco ASA Active/Standby High Availability

Lesson 3 Configuring Security Contexts on the Cisco ASA

Lab 8-1 Configuring Active/Standby High Availability