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CISCO

# SASAA v2.1 Certification Training

## Course Overview

Our 5 day, instructor-led SASAA v2.1 (Implementing Advanced Cisco ASA Security) training and certification boot camp in Washington, DC Metro, Tysons Corner, VA, Columbia, MD or Live Online provides updated training with labs. The labs focus on the key features of the Cisco ASA (covering up to the ASA 9.5.1 release). The goal of the course is to be able to implement the key features of the Cisco ASA, including Cisco ASA Firepower Services (including Firepower v6.0), ASA Cloud Web Security, ASA Identity Firewall, ASA Clustering and the Virtual ASA (ASAv). The primary audience for this course is Network engineers supporting Cisco ASA 9.x implementations

This course provides updated training on the key features of the Cisco ASA, including the ASA FirePOWER Services Module and ASA Clustering.

Upon completing this course students will be able to:

- Describe the Cisco ASA 5500-X series Next Generation Firewalls, ASAv, ASA 5506-X, 5508-X, 5516-X, and ASASM and implement new ASA 9.4.1 features.
- Implement Cisco ASA Identity Firewall policies.
- Install and setup the Cisco Firepower Services Module (SFR)
- Implement Cisco ASA Cloud Web Security
- Implement Cisco ASA Clustering
- Describe Cisco ASA Security Group Firewall and Change of Authorization Support

## Course Outline

### Module 1: Cisco ASA Product Family

- Lesson 1: Introducing the Cisco ASA 5500-X Next-Generation Firewalls
- Lesson 2: Introducing the Cisco ASAv
- Lesson 3: Implementing ASA 9.3 and 9.4.1 New Features
- Lesson 4: Introducing the Cisco ASASM

## **Module 2: Cisco ASA Identity Firewall**

- Lesson 1: Describing the Cisco ASA Identity Firewall Solution
- Lesson 2: Setting Up Cisco CDA
- Lesson 3: Configuring Cisco CDA
- Lesson 4: Configuring Cisco ASA Identity Firewall
- Lesson 5: Verifying and Troubleshooting Cisco ASA Identity Firewall

## **Module 3: Cisco ASA FirePOWER Services**

- Lesson 1: Installing the Cisco ASA FirePOWER Services Module
- Lesson 2: Managing the Cisco ASA FirePOWER Services Module Using the FireSIGHT Management Center
- Lesson 3: Describing the Cisco ASA 5506-X, 5508-X, and 5516-X FirePOWER Services
- Lesson 4: Configuring New Features in Cisco ASA Firepower Services 6.0

## **Module 4: Cisco ASA Cloud Web Security**

- Lesson 1: Introducing Cisco ASA Cisco Cloud Web Security
- Lesson 2: Configuring Cisco ASA with Cisco Cloud Web Security
- Lesson 3: Verifying Cisco ASA Cloud Web Security Operations
- Lesson 4: Describing the Web Filtering Policy in Cisco ScanCenter
- Lesson 5: Describing Cisco ASA Cloud Web Security AMP and CTA

## **Module 5: Cisco ASA Clustering**

- Lesson 1: Describing Cisco ASA Cluster Features
- Lesson 2: Describing Cisco ASA Cluster Terminology and Data Flows
- Lesson 3: Using the CLI to Configure a Cisco ASA Cluster
- Lesson 4: Using the ASDM to Configure a Cisco ASA Cluster
- Lesson 5: Verifying Cisco ASA Cluster Operations
- Lesson 6: Troubleshooting Cisco ASA Cluster Operations
- Lesson 7: Describing Cisco ASA Version 9.1.4 and Later Clustering Features

## **Module 6: Cisco ASA Security Group Firewall and CoA**

- Lesson 1: Introducing Cisco Security Group Tagging
- Lesson 2: Configuring Cisco ASA Security Group Firewall

- Lesson 3: Describing the Cisco ASA 9.2.1 and Later Releases SGT Features
- Lesson 4: Describing the Cisco ASA 9.2.1 and Later Releases CoA Support

## Lab Outline

- Lab 1: Cisco Learning Lab Remote Access
- Lab 2: Cisco ASAv Basic Setup
- Lab 3: Cisco ASA 9.3 and 9.4.1 New Features
- Lab 4: Cisco CDA Configuration
- Lab 5: Cisco ASA Identity-Based Firewall Configuration
- Lab 6: Cisco ASA FirePOWER Services Module Installation
- Lab 7: Cisco FireSIGHT Management Center Configuration
- Lab 8: Cisco ASA Cloud Web Security Configuration
- Lab 9: Cisco ASA Cluster Configuration

## Prerequisites

Implementing Core Cisco ASA Security (SASAC) v1.0 or equivalent knowledge of the Cisco ASA

Starting at **\$3,795**

### **ATTENTION**

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