Implementing Advanced Cisco ASA Security (SASAA)

COURSE OVERVIEW:

The Implementing Advanced Cisco ASA Security (SASAA) v2.1 training course will provide you with knowledge of advanced features of Cisco ASA security products and enables you to implement the key features of ASA including FirePOWER services, ASA Identity Firewall, ASA Cloud Web security, ASA Clustering and virtual ASA (ASAv). This is an ideal Cisco security certification course to take if you want to further your knowledge on Cisco security matters or develop new skills for career advancement. This Cisco ASA training includes learning about the Cisco ASA product family, Identity Firewall, FirePOWER services, and more.

WHO WILL BENEFIT FROM THIS COURSE?

This course is intended for network engineers supporting Cisco ASA 9.x implementations.

PREREQUISITES:

It is recommended that prior to enrollment, students have successfully completed SASAC v1.0, or have equivalent knowledge of the Cisco ASA.

COURSE OBJECTIVES:

The goal of the course is to be able to implement the key features of the Cisco ASA, including Cisco ASA FirePOWER Services, ASA Cloud Web Security, ASA Identity Firewall, ASA Clustering, and the Virtual ASA (ASAv).

COURSE OUTLINE:

Module 1: Cisco ASA Product Family
- Lesson 1: Introducing the Cisco ASA 5500-X Series 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

Module 4: Cisco ASA Cloud Web Security
- Lesson 1: Introducing Cisco ASA Cisco Cloud Web Security
- Lesson 2: Configuring Cisco ASA with Cisco Cloub 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 the 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 a Cisco ASA Cluster Operation
- Lesson 7: Describing Cisco ASA v9.1.4 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

LABS:
- 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

SUNSET LEARNING INSTITUTE (SLI) DIFFERENTIATORS:

Sunset Learning Institute (SLI) has been an innovative leader in developing and delivering authorized technical training since 1996. Our goal is to help our customers optimize their cloud technology investments by providing convenient, high quality technical training that our customers can rely on. We empower students to master their desired technologies for their unique environments.

What sets SLI apart is not only our immense selection of trainings options, but our convenient and consistent delivery system. No matter how complex your environment is or where you are located, SLI is sure to have a training solution that you can count on!

Premiere World Class Instruction Team

- All SLI instructors have a four-year technical degree, instructor level certifications and field consulting work experience.
- Sunset Learning has won numerous Instructor Excellence and Instructor Quality Distinction awards since 2012

Enhanced Learning Experience

- The goal of our instructors during class is ensure students understand the material, guide them through our labs and encourage questions and interactive discussions.

Convenient and Reliable Training Experience

- You have the option to attend classes at any of our established training facilities or from the convenience of your home or office with the use of our HD-ILT network (High Definition Instructor Led Training)
- All Sunset Learning Institute classes are guaranteed to run – you can count on us to deliver the training you need when you need it!

Outstanding Customer Service

- Dedicated account manager to suggest the optimal learning path for you and your team
- Enthusiastic Student Services team available to answer any questions and ensure a quality training experience