Implementing and Configuring Cisco Identity Services Engine v1.1

SISE

Delivery Type: Classroom
Duration: 5 days

Overview

This course discusses the Cisco Identity Services Engine (ISE) version 1.1.1, a next-generation identity and access control policy platform that provides a single policy plane across the entire organization combining multiple services, including authentication, authorization, and accounting (AAA), posture, profiling, device on-boarding, and guest management, into a single context-aware identity-based platform. The training provides learners with the knowledge and skills required to enforce security posture compliance for wired and wireless endpoints and enhance infrastructure security using the Cisco ISE.

Target Audience

Individuals involved in the deployment and maintence of the Cisco ISE platform and Cisco Channel Partner engineers looking for Cisco ISE ATP accredation.

Pre-Requisites

Attendees should meet the following prerequisites:

✓ Basic knowledge of Cisco IOS networking and concepts
✓ Foundation-level wireless knowledge and skills. IUWNE recommended.
✓ Foundation-level network knowledge and skills necessary to install, configure, operate, and troubleshoot network devices and applications
✓ CCNA Security certification ICND1 and ICND2 plus IINS

Certification

Recommended preparation for exam(s):

✓ 500-254 - Implementing and Configuring Cisco Identity Services Engine.

This exam is only relevant for Field Engineers looking to achieve the Cisco ISE ATP Accreditation. Engineers looking for the Field Engineer Accreditation will also need to take the 650-472 802.1X exam.

Objectives

After completing this program, you will be able to:

✓ Describe Cisco ISE architecture, installation, and distributed deployment options
✓ Configure Network Access Devices (NADs), policy components, and basic authentication and authorization policies in Cisco ISE

- ✓ Implement Cisco ISE web authentication and guest services
- ✓ Deploy Cisco ISE profiling, posture and client provisioning services
- ✓ Describe administration, monitoring, troubleshooting, and TrustSec SGA security