

Implementing and Configuring Cisco Identity Services Engine (ISE)

Duration 5 Days

COURSE CONTENT

This course discusses the Cisco Identity Services Engine (ISE), 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 to enforce security posture compliance for wired and wireless endpoints and enhance infrastructure security using the Cisco ISE.

- 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.

PREREQUISITES

It is recommended that a learning have the following knowledge and skills before attending this course:

- CCNA Security certification
- Foundation-level network knowledge and skills necessary to install, configure, operate, and troubleshoot network devices and applications
- Foundation-level wireless knowledge and skills
- Basic knowledge of Cisco IOS networking and concepts

WHO SHOULD ATTEND

- ATP partner systems and field engineers
- consulting systems engineers
- technical solutions architects
- integrators who install and implement the Cisco Identity Service Engine version 1.3

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COURSE OUTLINE

- **Module 1:** Course Introduction
- **Module 2:** Cisco Secure Access Solution and ISE Platform Architecture Introduction
- **Module 3:** Cisco ISE Policy Enforcement
- **Module 4:** Web Authentication
- **Module 5:** Cisco ISE Guest Services
- **Module 6:** Cisco ISE Profiler
- **Module 7:** Cisco ISE BYOD and MDM
- **Module 8:** Using Cisco ISE for VPN based Services
- **Module 9:** Cisco TrustSec
- **Module 10:** Cisco ISE Design
- **Module 11:** Cisco ISE Best Practices