

# Implementing and Configuring the Cisco Identity Serv. Engine

Course code: SISE

The Implementing and Configuring Cisco Identity Services Engine (SISE) v3.0 course shows you how to deploy and use Cisco® Identity Services Engine (ISE) v2.4, an identity and access control policy platform that simplifies the delivery of consistent, highly secure access control across wired, wireless, and VPN connections. This hands-on course provides you with the knowledge and skills to implement and use Cisco ISE, including policy enforcement, profiling services, web authentication and guest access services, BYOD, endpoint compliance services, and TACACS+ device administration. Through expert instruction and hands-on practice, you will learn how to use Cisco ISE to gain visibility into what is happening in your network, streamline security policy management, and contribute to operational efficiency.

## Required skills

Required:

- CCNA® (ICND1/ICND2) certification or equivalent level of experience with the configuration of Cisco routers and switches

Recommended:

- CCNP® certification or equivalent level of experience
- CCSP® certification or equivalent level of experience

## Course outline

- Introduction to the Cisco TrustSec Solution and ISE Platform Architecture
- Cisco Identity Services Engine Deployment - Installing the Cisco ISE Software, Configuring Cisco ISE for High Availability
- Classification and Policy Enforcement - Using Cisco ISE for Policy Enforcement, Configuring Cisco ISE for MAB, Configuring Cisco ISE for Wired and Wireless 802.1X Authentication, Deploying VPN-Based Services Using the Cisco ASA and Inline Posture, Configuring Web Authentication Using Cisco ISE
- Guest, Profiler and Posture Service Configuration
- Cisco TrustSec Architecture Design for the ISE Appliance
- Administrative access to network devices (TACACS+) control

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