Train. Employ. Empower.

Implementing and Configuring Cisco Identity Services Engine (SISE)

Price	Duration	Delivery Methods
$2,995.00	5 Daytime Classes or 10 Evening Classes	Virtual, Private Group,

CAREER SKILLS+™

The Implementing and Configuring Cisco Identity Services Engine (SISE) v4.0 course teaches you to deploy and use Cisco® Identity Services Engine (ISE) v3.x, an identity and access control policy platform that simplifies the delivery of consistent, highly secure access control across wired, wireless, and VPN connections. This 5-day hands-on course provides you with the knowledge and skills to implement and apply Cisco ISE capabilities to support use cases for Zero Trust security posture. These use cases include tasks such as policy enforcement, profiling services, web authentication and guest access services, BYOD, endpoint compliance services, and Terminal Access Controller Access Control Server (TACACS+) device administration. Through hands-on practice via lab exercises, 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.

Who Should Attend

Network security engineers
Network security architects
ISE administrators

Senior Security Operations Center (SOC) personnel responsible for Incidence Response
Cisco integrators and partners

Course Prerequisites

To fully benefit from this course, you should have the following knowledge and skills:

Familiarity with the Cisco IOS® Software command-line interface (CLI)
Familiarity with Cisco AnyConnect® Secure Mobility Client
Familiarity with Microsoft Windows operating systems
Familiarity with 802.1X

Course Objectives

Describe the Cisco Identity Services Engine (ISE)
Explain Cisco ISE deployment
Describe Cisco ISE policy enforcement components
Describe Cisco ISE policy configuration
Troubleshoot Cisco ISE policy and third-party Network Access Device (NAD) support
Configure guest access
Configure hotspots and guest portals
Describe the Cisco ISE profiler services
Describe profiling best practices and reporting
Configure a Cisco ISE BYOD solution
Configure endpoint compliance
Configure client posture services
Configure Cisco ISE device administration
Describe Cisco ISE TrustSec configurations

Agenda

Introducing Cisco ISE Architecture
Introducing Cisco ISE Deployment
Introducing Cisco ISE Policy Enforcement Components
Introducing Cisco ISE Policy Configuration
Troubleshooting Cisco ISE Policy and Third-Party NAD Support
Introducing Web Authentication and Guest Services
Configuring Hotspots and Guest Portals
Introducing the Cisco ISE Profiler
Introducing Profiling Best Practices and Reporting
Configuring Cisco ISE BYOD
Introducing Cisco ISE Endpoint Compliance Services
Configuring Client Posture Services and Compliance
Working With Network Access Devices
Exploring Cisco TrustSec