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# IMPLEMENTING AND CONFIGURING CISCO IDENTITY SERVICES ENGINE (SISE) V4.0

## IMPLEMENTING AND CONFIGURING CISCO IDENTITY SERVICES ENGINE (SISE) V4.0

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 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.

**How you'll benefit**

This class will help you:

- Develop and implement SASE architecture
- Understand application of ISE capabilities towards development of a Zero Trust approach
- Enable BYOD and guest access
- Centrally configure and manage posture, authentication, and authorization services in a single web-based GUI console
- Gain leading-edge career skills for high-demand job roles and responsibilities focused on enterprise security
- Earn 40 CE credits toward recertification

**Why Attend with Current Technologies CLC**

- Our Instructors are in the top 10% rated by Cisco
- Our Lab has a dedicated 1 Gig Fiber Connection for our Labs
- Our Labs run up to Date Code for all our courses

**Who Should Attend**

The primary audience for this course is as follows:

- Network Security Engineers
- Network Security Architects
- ISE Administrators
- Senior Security Operations Center (SOC) personnel responsible for Incidence Response
- Cisco Integrators and Partners

**Course Duration**

5 days

**Course Price**

$4,295.00 or 43 CLCs

**Methods of Delivery**

- Instructor Led
- Virtual ILT
- On-Site

**OUTLINE**

**Module 1: Introducing Cisco ISE Architecture**

**Module 2: Introducing Cisco ISE Deployment**

**Module 3: Introducing Cisco ISE Policy Enforcement Components**

**Module 4: Introducing Cisco ISE Policy Configuration**

**Module 5: Troubleshooting Cisco ISE Policy and Third-Party NAD Support**

**Module 6: Web Authentication and Guest Services**

**Module 7: Configuring Hotspots and Guest Portals**

**Module 8: Introducing the Cisco ISE Profiler**

**Module 9: Introducing Profiling Best Practices and Reporting**

**Module 10: Cisco ISE BYOD**

**Module 11: Cisco ISE Endpoint Compliance Services**

**Module 12: Configuring Client Posture Services and Compliance**

**Module 13: Working with Network Access Devices**

**Module 14: Exploring Cisco TrustSec**

**LAB OUTLINE**

- **Lab 1: Configure Initial Cisco ISE Setup, and System Certificate Usage**

- **Lab 2: Integrate Cisco ISE with Active Directory**

- **Lab 3: Configure Cisco ISE Policy for MAC Authentication Bypass (MAB)**

- **Lab 4: Configure Cisco ISE Policy for 802.1X**

- **Lab 5: Configure Guest Access**

- **Lab 6: Configure Hotspot and Self-Registered Guest Access**

- **Lab 7: Configure Sponsor-Approved and Fully Sponsored Guest Access**

- **Lab 8: Create Guest Reports**

- **Lab 9: Configure Profiling**

- **Lab 10: Customize the Cisco ISE Profiling Configuration**

- **Lab 11: Create Cisco ISE Profiling Reports**

- **Lab 12: Configure BYOD**

- **Lab 13: Manage a Lost or Stolen BYOD Device**

- **Lab 14: Configure Cisco ISE Compliance Services**

- **Lab 15: Configure Client Provisioning**

- **Lab 16: Configure Posture Policies**

- **Lab 17: Test and Monitor Compliance-Based Access**

- **Lab 18: Configure Cisco ISE for Basic Device Administration**

- **Lab 19: Configure Cisco ISE Command Authorization**

- **Lab 20: Configure Cisco TrustSec**

Current Technologies CLC                    Configuring and Administering Cisco WEBEX