training code: SISE / e-learning / EN

Active Digital Learning - Implementing and Configuring Cisco Identity Services Engine v4.1

Cisco - Active Digital Learning

The **Implementing and Configuring Cisco Identity Services Engine (SISE) Learning Path** 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 virtual private network (VPN) connections. This hands-on Learning Path 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, Bring Your Own Device (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.

This Learning Path prepares you for 300-715 SISE v1.1 exam. If passed, you earn the Cisco Certified Specialist – Security Identity Management Implementation certification and satisfy the concentration exam requirement for the Cisco Certified Network Professional (CCNP) Security certification.

Access Duration: 180 days

Continuing Education Credits: 40

Training recipients

Who Should Enroll

- Network Security Engineers
- Administrators

Benefits

Skills You'll Learn

- Learn core components, node types, deployment models, and sizing of Cisco ISE architecture for effective planning
- Create and apply network access policies based on identity, device, location, and compliance
- Set up captive portals, self-registration, and sponsor approval for secure guest access
- Identify devices and configure secure onboarding for personal devices
- Configure posture assessments and manage network devices for centralized access control

Training program

Learning Path Objectives

1. **ISE Architecture and Deployment:** Discover how Cisco Identity Services Engine (ISE) enhances network security and staff awareness, while exploring scalable deployment solutions using multiple servers, nodes, personas, and roles.
2. **ISE Policy Enforcement:** Describe the components, configuration, and troubleshooting of Cisco ISE policy enforcement—including 802.1X, MAB, identity management, device profiling, and TrustSec—to authenticate, authorize, and secure network access.
3. **ISE Access Management:** Explore web authentication processes, configure guest and sponsor portals, implement BYOD solutions, and secure network device administration using Cisco ISE and TACACS+.
4. **ISE Profiler:** Learn to implement and optimize the Cisco Identity Services Engine (ISE) Profiler service by understanding its components, identifying endpoint information, applying Change of Authorization (CoA), and utilizing best practices for deployment and probe selection.
5. **ISE Endpoint Compliance:** Understand Cisco ISE endpoint compliance and posture services by examining compliance components, posture agents, deployment, licensing, and configuring client posture services and provisioning to ensure endpoint compliance.

Expected preparation of the participant

There are no prerequisites for this training. However, the knowledge and skills you are recommended to have before attending this training are:

- Familiarity with the Cisco IOS® Software Command-Line Interface (CLI) for wired and wireless devices
- Familiarity with Cisco Secure Client
- Familiarity with Microsoft Windows operating systems
- Familiarity with 802.1X

These skills can be found in the following Cisco Learning Offering: SCOR

Training Includes

- Labs
- Assessments
- Courses

Language

Language: English
Materials: English

Duration

1 days / 1 hours

Examination description

The training prepares you for the 300-715 SISE, exam, which can be taken for an additional fee at the PearsonVUE center. You can also take the exam on-line.
Details are available at: https://home.pearsonvue.com/cisco/onvue