
Implementing and Configuring Cisco Identity Services Engine

Duration: 5 Days **Course Code: SISE**

Overview:

This course discusses the Cisco Identity Services Engine (ISE) version 1.1.1, 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 required to enforce security posture compliance for wired and wireless endpoints and enhance infrastructure security using the Cisco ISE.

Target Audience:

This course is designed for: Individuals involved in the deployment and maintenance of the Cisco ISE platform and Cisco Channel Partner engineers looking for Cisco ISE ATP accreditation.

Objectives:

- Upon completing this course, the learner will be able to meet these overall objectives:
 - 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
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Prerequisites:

The knowledge and skills that a learner must have before attending this course are as follows:

- Basic knowledge of Cisco IOS networking and concepts
- Foundation-level wireless knowledge and skills. IUWNE recommended.
- Foundation-level network knowledge and skills necessary to install, configure, operate, and troubleshoot network devices and applications
- CCNA Security certification ICND1 and ICND2 plus IINS

Testing and Certification

Recommended aspreparation for:

- 500-254 - Implementing and Configuring Cisco Identity Services Engine

This exam is only relevant for Field Engineers looking to achieve the Cisco ISE ATP Accreditation. Engineers looking for the Field Engineer Accreditation will also need to take the **650-472 802.1X** exam.

Content:

Cisco ISE Product Overview

- Introducing the Cisco ISE
- Getting Started with Cisco ISE

Cisco ISE Authentication and Authorization

- Configuring Basic Access
- Understanding External Authentication
- Using Cisco ISE Dictionaries
- Configuring Authorization

Web Authentication and User Access Management

- Implementing Web Authentication
- Implementing Guest Services

Cisco ISE Profiler, Posture, and Endpoint Protection Services

- Implementing Cisco ISE Profiler Service
- Implementing Cisco ISE Posture Service
- Implementing Cisco ISE Endpoint Protection Services
- Implementing BYOD

Reports, Monitoring, Troubleshooting, and Security

- Implementing Inline Posture and TrustSec Security
- Describing the Cisco ISE Architecture
- Performing Cisco ISE Administration and Maintenance
- Using Cisco ISE Reporting, Monitoring, and Troubleshooting

Further Information:

For More information, or to book your course, please call us on +254 713 027 191

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