

SISE

Implementing and Configuring Cisco Identity Services Engine

This 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.

Course Contents

- Introducing Cisco ISE Architecture and Deployment
- Cisco ISE Policy Enforcement
- Web Authentication and Guest Services
- Cisco ISE Profiler
- Cisco ISE BYOD
- Cisco ISE Endpoint Compliance Services
- Working with Network Access Devices

E-Book You will receive the original course documentation from Cisco in English language as a Cisco E-Book. In the Cisco Digital Learning Version, the content of the courseware is integrated into the learning interface instead.

Target Group

- Network Security Engineers
- ISE Administrators
- Wireless Network Security Engineers
- Cisco Integrators and Partners

Prerequisites

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

- 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 Target

This course helps you prepare to take the exam, Implementing and Configuring Cisco Identity Services Engine (300-715 SISE), which leads to CCNP® Security and the Cisco Certified Specialist - Security Identity Management Implementation certifications.

Processing time

approx. 30 hours

This Course in the Web



You can find the up-to-date information and options for ordering under the following link:

www.expertech-training.com/go/SISE

Reservation

On our Website, you can reserve a course seat for 7 days free of charge and in a non-committal manner. This can also be done by phone under +49 6074/4868-0.

Guaranteed Course Dates

To ensure reliable planning, we are continuously offering a wide range of guaranteed course dates.

Your Tailor-Made Course!

We can precisely customize this course to your project and the corresponding requirements.

Cisco Digital Learning

We are also offering this course as a Cisco Digital Learning module. These multi-modal training events include HD videos with searchable text, labs, exercises, and comprehensive course documentation.

Cisco Digital Learning	Prices, excl. of V.A.T.
	€ 500

Training	Prices, excl. of V.A.T.
Classes in Germany	5 Days € 3,195
Classes in Switzerland	5 Days € 4,225
Online Training	5 Days € 3,195
Date/course venue	Course language German
12/12-16/12/22	Online 06/03-10/03/23 Zürich
06/02-10/02/23	Frankfurt 20/03-24/03/23 Düsseldorf
06/02-10/02/23	Online 20/03-24/03/23 Online



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SISE – Implementing and Configuring Cisco Identity Services Engine

Introducing Cisco ISE Architecture and Deployment

Using Cisco ISE as a Network Access Policy Engine
Cisco ISE Use Cases
Describing Cisco ISE Functions
Cisco ISE Deployment Models
Context Visibility

Cisco ISE Policy Enforcement

Using 802.1X for Wired and Wireless Access
Using MAC Authentication Bypass for Wired and Wireless Access
Introducing Identity Management
Configuring Certificate Services
Introducing Cisco ISE Policy
Implementing Third-Party Network Access Device Support
Introducing Cisco TrustSec
Cisco TrustSec Configuration
Easy Connect

Web Authentication and Guest Services

Introducing Web Access with Cisco ISE
Introducing Guest Access Components
Configuring Guest Access Settings
Configuring Sponsor and Guest Portals

Cisco ISE Profiler

Introducing Cisco ISE Profiler
Profiling Deployment and Best Practices

Cisco ISE BYOD

Introducing the Cisco ISE BYOD Process
Describing BYOD Flow
Configuring the My Devices Portal
Configuring Certificates in BYOD Scenarios

Cisco ISE Endpoint Compliance Services

Introducing Endpoint Compliance Services
Configuring Client Posture Services and Provisioning in Cisco ISE

Working with Network Access Devices

Review TACACS+
Cisco ISE TACACS+ Device Administration
Configure TACACS+ Device Administration
TACACS+ Device Administration Guidelines and Best

Practices

Migrating from Cisco ACS to Cisco ISE

Lab outline

Access the SISE Lab and Install ISE 2.4
Configure Initial Cisco ISE Setup, GUI Familiarization, and System Certificate Usage
Integrate Cisco ISE with Active Directory
Configure Basic Policy on Cisco ISE
Configure Policy Sets
Configure Access Policy for Easy Connect
Configure Guest Access
Configure Guest Access Operations
Create Guest Reports
Configure Profiling
Customize the Cisco ISE Profiling Configuration
Create Cisco ISE Profiling Reports
Configure BYOD
Blacklisting a Device
Configure Cisco ISE Compliance Services
Configure Client Provisioning
Configure Posture Policies
Test and Monitor Compliance-Based Access
Test Compliance Policy
Configure Cisco ISE for Basic Device Administration
Configure TACACS+ Command Authorization



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