



# Implementing and Configuring Cisco Identity Services Engine (SISE)

ID SISE Price CHF 4,150.—(excl. VAT) Duration 5 days

#### Who should attend

- · Network Security Engineers
- Administrators

#### This course is part of the following Certifications

Cisco Certified Network Professional Security (CCNP SECURITY)

#### **Prerequisites**

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:

• Implementing and Operating Cisco Security Core Technologies (SCOR)

#### **Course Objectives**

- Describe the Cisco ISE deployments, including core deployment components and how they interact to create a cohesive security architecture
- Describe the advantages of such a deployment and how each Cisco ISE capability contributes to these advantages
- Describe concepts and configure components related authentication, identity management, and certificate services
- Describe how Cisco ISE policy sets are used to implement authentication and authorization, and how to leverage this capability to meet the needs of your organization
- Describe third-party Network Access Devices (NADs), Cisco TrustSec, and Easy Connect

- Configure web authentication and guest services, including guest access components and various guest access scenarios
- Describe and configure Cisco ISE profiling services
- Understand how to monitor these services to enhance endpoint security and ensure secure edge
- Describe BYOD challenges, solutions, processes, and portals
- Configure a BYOD solution and describe the relationship between BYOD processes and their related configuration components
- Describe and configure various certificates related to a BYOD solution
- Describe endpoint compliance, compliance components, posture agents, posture deployment and licensing, and the posture service in Cisco ISE
- Describe the fundamentals of Identity and Access Management (IAM) by leveraging TACACS+
- Configure TACACS+ device administration using Cisco ISE, including command sets, profiles, and policy sets
- Understand the role of TACACS+ within the Authentication, Authorization, and Accounting (AAA) framework and the differences between the RADIUS and TACACS+ protocols

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## **Training Centres worldwide**





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