IT-SISE - Implementing and Configuring Cisco Identity Services Engine

Cisco - CCNP Security - Networking

Durata:	Lingue:	Certificazione:
5 Giorni	**Italiano**	**Cisco Certified Network Professional Security**

Descrizione del corso

The Implementing and Configuring Cisco Identity Services Engine (SISE) v3.0 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. This course helps you prepare to take the 300-715 SISE exam, one of the six concentration exams that you can choose after 350-701 SCOR exam to achieve the CCNP Security certification. The 300-715 SISE exam will be available on February 24, 2020.

Programma

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