CISC-22 - SISE - IMPLEMENTING AND CONFIGURING CISCO IDENTITY SERVICES ENGINE

Categoria: **Cisco**

INFORMAZIONI SUL CORSO

Durata:	Categoria:	Qualifica Istruttore:	Dedicato a:	Produttore:
5 Giorni	Cisco	Cisco Certified Instructor	Professionista IT	Cisco

OBIETTIVI

After completing this course you should be able to:
- Explain Cisco ISE deployment
- Describe Cisco ISE policy enforcement components
- Describe Cisco ISE policy configuration
- Troubleshoot Cisco ISE policy and third-party Network Access Device (NAD) support
- Configure guest access
- Configure hotspots and guest portals
- Describe the Cisco ISE profiler services
- Describe profiling best practices and reporting
- Configure a Cisco ISE BYOD solution
- Configure endpoint compliance
- Configure client posture services
- Configure Cisco ISE device administration
- Describe Cisco ISE TrustSec configurations

PREREQUISITI

Attendees should meet the following prerequisites:
- Familiarity with the Cisco IOS® Software Command-Line Interface (CLI) for wired and wireless devices
- Familiarity with Cisco AnyConnect® Secure Mobility Client
- Familiarity with Microsoft Windows operating systems
- Familiarity with 802.1x

Recommended prerequisites:
- CCNA - Implementing and Administering Cisco Solutions
- SCOR - Implementing and Operating Cisco Security Core Technologies

CONTENUTI

Introducing Cisco ISE Architecture
- Introduction

- Cisco ISE as a Network Access Policy Engine
- Cisco ISE Use Cases
- Cisco ISE Functions
- Summary
- Summary Challenge

Introducing Cisco ISE Deployment

- Introduction
- Cisco ISE Deployment Models
- Cisco ISE Licensing and Network Requirements
- Cisco ISE Context Visibility Features
- New Features in Cisco ISE 3.X
- Configure Initial Cisco ISE Setup and System Certificate Usage
- Summary
- Summary Challenge

Introducing Cisco ISE Policy Enforcement Components

- Introduction
- 802.1X for Wired and Wireless Access
- MAC Authentication Bypass for Wired and Wireless Access
- Identity Management
- Active Directory Identity Source
- Additional Identity Sources
- Certificate Services
- Integrate Cisco ISE with Active Directory
- Summary
- Summary Challenge

Introducing Cisco ISE Policy Configuration

- Introduction
- Cisco ISE Policy
- Cisco ISE Authentication Rules
- Cisco ISE Authorization Rules
- Configure Cisco ISE Policy for MAB
- Configure Cisco ISE Policy for 802.1X
- Summary
- Summary Challenge

Troubleshooting Cisco ISE Policy and Third-Party NAD Support

- Introduction
- Cisco ISE Third-Party Network Access Device Support
- Troubleshooting Cisco ISE Policy Configuration
- Summary
- Summary Challenge

Introducing Web Authentication and Guest Services

- Introduction
- Web Access with Cisco ISE
- Guest Access Components

Configuring Client Posture Services and Compliance

- Introduction
- Client Posture Services and Provisioning Configuration
- Configure Client Provisioning
- Configure Posture Policies
- Test and Monitor Compliance-Based Access
- Summary
- Summary Challenge

Working With Network Access Devices

- Introduction
- Reviewing AAA
- Cisco ISE TACACS+ Device Administration
- Configuring TACACS+ Device Administration
- TACACS+ Device Administration Guidelines and Best Practices
- Migration from Cisco ACS to Cisco ISE
- Configure Cisco ISE for Basic Device Administration
- Configure Cisco ISE Command Authorization
- Summary
- Summary Challenge

Exploring Cisco TrustSec

- Introduction
- Cisco TrustSec Overview
- Cisco TrustSec Enhancements
- Cisco TrustSec Configuration
- Configure Cisco TrustSec
- Summary
- Summary Challenge

Labs:

- Lab 1A: Installation and Basic Setup of Cisco ISE
- Lab 1B: Verify Initial Cisco ISE Setup and System Certificate Usage
- Lab 2: Integrate Cisco ISE with Active Directory
- Lab 3: Configure Cisco ISE Policy for MAB
- Lab 4: Configure Cisco ISE Policy for 802.1X
- Lab 5: Configure Guest Access
- Lab 6: Configure Hotspot and Self-Registered Guest Access
- Lab 7: Configure Sponsor-Approved and Fully Sponsored Guest Access
- Lab 8: Create Guest Reports
- Lab 9: Configure Profiling
- Lab 10: Customize the Cisco ISE Profiling Configuration
- Lab 11: Create Cisco ISE Profiling Reports
- Lab 12: Configure BYOD
- Lab 13: Manage a Lost or Stolen BYOD Device
- Lab 14: Configure Cisco ISE Compliance Services
- Lab 15: Configure Client Provisioning
- Lab 16: Configure Posture Policies

- Lab 17: Test and Monitor Compliance-Based Access
- Lab 18: Configure Cisco ISE for Basic Device Administration
- Lab 19: Configure Cisco ISE Command Authorization
- Lab 20: Configure Cisco TrustSec

INFO

Esame: 300-715 - Implementing and Configuring Cisco Identity Services Engine

Materiale didattico: Materiale didattico ufficiale Cisco in formato digitale

Costo materiale didattico: incluso nel prezzo del corso a Calendario

Natura del corso: Operativo (previsti lab su PC)