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CISCO

SISE v3.0 Certification Training

BONUS! Cyber Phoenix Subscription Included: All Phoenix TS students receive complimentary ninety (90) day access to the Cyber Phoenix learning platform, which hosts hundreds of expert asynchronous training courses in Cybersecurity, IT, Soft Skills, and Management and more!

Course Overview

Our 5 day, instructor-led SISE v3.0 (Implementing and Configuring Cisco Identity Services Engine v3.0) training and certification boot camp in Washington, DC Metro, Tysons Corner, VA, Columbia, MD or Live Online 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. Upon completion of this course, you will be able to:

- Describe 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 to 802.1X and MAC Authentication Bypass (MAB) 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.
- Describe and configure web authentication, processes, operation, and guest services, including guest access components and various guest access scenarios.
- Describe and configure Cisco ISE profiling services, and understand how to monitor these services to enhance your situational awareness about network-connected endpoints. Describe best practices for deploying this profiler service in your specific environment.
- 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 the value of the My Devices portal and how to configure this portal.
- Describe endpoint compliance, compliance components, posture agents, posture deployment and licensing, and the posture service in Cisco ISE.
- Describe and configure TACACS+ device administration using Cisco ISE, including command sets, profiles, and policy sets. Understand the role of TACACS+ within the authentication, authentication, and accounting (AAA) framework and the differences between the RADIUS and TACACS+ protocols.
- Migrate TACACS+ functionality from Cisco Secure Access Control System (ACS) to Cisco ISE, using a migration tool.

Schedule

Currently, there are no public classes scheduled. Please contact a Phoenix TS Training Consultant to discuss hosting a private class at 301-258-8200.

Program Level

Advanced

Training Delivery Methods

Group Live

Duration

5 Days / 32 hours Training

CPE credits

26 NASBA CPE Credits

Field of Study

Information Technology

Advanced Prep

N/A

Course Registration

Candidates can choose to register for the course by via any of the below methods:

- Email: Sales@phoenixts.com
- Phone: 301-582-8200
- Website: www.phoenixts.com

Upon registration completion candidates are sent an automated course registration email that includes attachments with specific information on the class and location as well as pre-course study and test preparation material approved by the course vendor. The text of the email contains a registration confirmation as well as the location, date, time and contact person of the class. Online enrolment closes three days before course start date. On the first day of class, candidates are provided with instructions to register with the exam provider before the exam date.

Complaint Resolution Policy

To view our complete Complaint Resolution Policy policy please click here: Complaint Resolution Policy

Refunds and Cancellations

To view our complete Refund and Cancellation policy please click here: Refund and Cancellation Policy

Course Outline

- Section 1: Introducing Cisco ISE Architecture and Deployment
- Section 2: Cisco ISE Policy Enforcement
- Section 3: Web Auth and Guest Services
- Section 4: Cisco ISE Profiler
- Section 5: Cisco ISE BYOD
- Section 6: Cisco ISE Endpoint Compliance Services
- Section 7: Working with Network Access Devices

Lab Outline

- Discovery 1: Access the SISE Lab and Install ISE 2.4
- Discovery 2: Configure Initial Cisco ISE Setup, GUI Familiarization, and System Certificate Usage
- Discovery 3: Integrate Cisco ISE with Active Directory

- Discovery 4: Configure Cisco ISE Policy
- Discovery 5: Configure Access Policy for Easy Connect
- Discovery 6: Configure Guest Access
- Discovery 7: Configure Guest Access Operations
- Discovery 8: Create Guest Reports
- Discovery 9: Configure Profiling
- Discovery 10: Customize the Cisco ISE Profiling Configuration
- Discovery 11: Create Cisco ISE Profiling Reports
- Discovery 12: Configure BYOD
- Discovery 13: Blacklisting a Device
- Discovery 14: Configure Cisco ISE Compliance Services
- Discovery 15: Configure Client Provisioning
- Discovery 16: Configure Posture Policies
- Discovery 17: Test and Monitor Compliance Based Access
- Discovery 18: Test Compliance Policy
- Discovery 19: Configure Cisco ISE for Basic Device Administration
- Discovery 20: Configure TACACS+ Command Authorization

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Starting at **$4,195**

ATTENTION

For GSA pricing or Contractor quotes call 301-258-8200 – Option 2.

GSA

Price Match Guarantee

We'll match any competitor's price quote. Call us at 240-667-7757.

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