Cisco Identity Services Engine Update Training

Duration: 2 Days      Course Code: ISE2      Version: 2.1

Overview:
This course has been designed to provide students with an understanding of the new features available in ISE 2.0. The intention is not to provide students with an entire overview of ISE (please see SISE if desiring a comprehensive ISE course), but to provide a delta ISE 2.1 two-day offering. Students will get hands-on experience with labs surrounding Multi-AD integration, BYOD using an iPAD, Posture integration using the Cisco AnyConnect Unified Agent, Guest Access Management and Enhanced Trustsec etc.

Target Audience:
Engineers who need to understand the new features of ISE v2.0 and v2.1

Objectives:
- After completing this course you should have:
- An understanding of the new features of the Cisco Identity Services Engine v2.0 and 2.1

Prerequisites:
- Attendees should meet the following prerequisites:
  - Previous Knowledge of ISE Versions 1.2, 1.3 and 1.4

Testing and Certification
- Recommended as preparation for the following exams:
  - This course is not aligned to any exam.

Follow-on-Courses:
- The following courses are recommended for further study:
  - Delegates looking for a more comprehensive understanding of ISE should consider the SISE course.
## Content:

**Module 1: Introduction to ISE - Features and Capabilities**
- Briefing on: AAA - Profiling - Guest - BYOD - Posture - MDM integration - PxGrid integrations
- What's new in Version 2.0
- What's new in Version 2.1
- ISE License Options
- ISE Scaling - Deployments - Platforms

**Module 2: ISE for a Multi Active Directory Environment**
- Integrate Cisco ISE with AD
- Integrate Cisco ISE with Second AD
- Easy connect access for Integrating ISE and AD in a non 802.1X environment

**Module 3: Implementing BYOD**
- BYOD Process Overview
- My Devices Portal
- MDM Integrations

**Module 4: Implementing Guest access**
- Configure Guest Access
- Sponsor Configuration
- Guest Report

**Module 5: Enhancing TrustSec Capabilities**
- New automated TrustSec integration with a new interface
- MACSec

**Module 6: TACACS Integration**
- TACACS+ Device Administration Work Center
- Authenticating and Authorizing Device Administration

**Module 7: PXGRID**
- High Level Discussion
- Integration with StealthWatch

**Module 8: Additional Features in ISE 2.0 and 2.1**
- NAD profiles and 3rd Party Authentication Vlan
- Location Awareness and MSE Integration

**Labs:**
- Lab 1: Active Directory Multi-Join
- Lab 2: Easy Wired Integrations
- Lab 3: BYOD with ISE as the Internal CA
- Lab 4: AnyConnect Unified Agent with Posture Enhancements
- Lab 5: Guest Access Management
- Lab 6: Enhanced Trustsec
- Lab 7: TACACS+ Administration of Network Devices

## Further Information:
For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

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