Implementing Cisco Secure Access Solutions v1.0 - SISAS (Professional)

Course Details

Course Outline

1. **Threat Mitigation Through Identity Services**
   a. Identity Services
   b. 802.1X and EAP
   c. Identity System Quick Start

2. **Cisco Identity Services Engine (ISE) Fundamentals**
   a. Cisco ISE Overview
   b. Cisco ISE with PKI
   c. Cisco ISE Authentication
   d. Configuring Cisco ISE for External Authentication

3. **Advanced Access Control**
   a. Certificate-based User Authentication
   b. Authorization
   c. Security Group Access (SGA) and MACsec Implementation

4. **Web Authentication and Guest Access**
   a. Describe the Cisco Email Security Solutions
   b. Guest Access Services

5. **Endpoint Access Control Enhancements**
   a. Posture
   b. Profiler
   c. BYOD

6. **Troubleshooting Network Access Control**
   a. Troubleshooting Network Access Control

7. **Lab**
   a. Lab: Bootstrap Identity System
   b. Lab: Enroll Cisco ISE in PKI
   c. Lab: Implement MAB and Internal Authentication

d. Lab: Implement External Authentication

e. Lab: Implement EAP-TLS

f. Lab: Implement Authorization

g. Lab: Implement Central WebAuth and Guest Services

h. Lab: Implement Posture Service

i. Lab: Implement the Profile Service

j. Lab: Troubleshooting Network Access Control