Cisco DoD Comply-to-Connect (C2C)

Who should enroll

● Network security engineers

● Network security architects

● ISE administrators

● Senior Security Operations Center (SOC) personnel responsible for Incidence Response

● Cisco integrators and partners

Prerequisites

Course overview

To fully benefit from this course, you should have the following knowledge:

● 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 Cisco offerings that may help you meet these prerequisites:

Cisco DoD Comply-to-Connect (C2C)

Outline

- • C2C Fundamentals
- • Cisco Identity-Based Networking Services
- • 802.1X EAP Authentication
- • Configure Devices for 802.1X Operation
- • Configure Access for Non-Supplicant Devices
- • Introducing Cisco ISE Architecture
- • Introducing Cisco ISE Deployment
- • Introducing Cisco ISE Policy Enforcement Components
- • Introducing Cisco ISE Policy Configuration
- • PKI and Advanced Supplicants
- • Troubleshooting Cisco ISE Policy and Thir-Party NAD Support
- • Exploring Cisco TrustSec
- • Introducing the Cisco ISE Profiler
- • Introducing Profiling Best Practices and Reporting
- • Introducing Cisco ISE Endpoint Compliance Services

- Configuring Client Posture Services and Compliance
- Working with Network Access Devices
- C2C Use Cases

Lab outline

- Configure and Test 802.1X Operations
- Configure Initial Cisco ISE Configuration and System Certificate Usage
- Integrate Cisco ISE with Active Directory
- Configure Cisco ISE Policy for MAB
- Configure Cisco ISE Policy for 802.1X
- TEAP on Windows
- Configure Cisco TrustSec
- Configure Profiling
- Customize the Cisco ISE Profiling Configuration
- Create Cisco ISE Profiling Reports
- Configure Cisco ISE Compliance Services
- Configure Client Provisioning
- Configure Posture Policies
- Test and Monitor Compliance-Based Access
- Configure Cisco ISE for Basic Device Administration
- Configure Cisco ISE Command Authorization
- DISA Reports
- Certificate-Based Authentication for Cisco ISE Administration