Cisco DoD Comply-to-Connect (C2C)

Price: 900

Duration 365 Days

Delivery Methods eLearning

URL Enroll Buy Now

Overview

The duration of this course is 32 hours, and it is eligible for 32 CE credits towards recertification.

The Cisco DoD Comply-to-Connect (C2C) training teaches you how to implement and deploy a Department of Defense (DoD) Comply-to-Connect network architecture using Cisco Identity Services Engine (ISE). This training covers implementation of 802.1X for both wired and wireless devices and how Cisco ISE uses that information to apply policy control and enforcement. Additionally, other topics like supplicants, non-supplicants, ISE profiler, authentication, authorization, and accounting (AAA) and public key infrastructure (PKI) support, reporting and troubleshooting are covered. Finally, C2C specific use case scenarios are covered.

How You'll Benefit

This training will help you:

- Learn how to operate, manage, configure, and troubleshoot the Cisco C2C solution
- Gain an understanding of how the Cisco ISE security components relate to the C2C architecture

Who Should Enroll

- Network security engineers
- Network administrators
- Security administrators

Path Objectives

- Define DoD C2C, including its steps and alignment with ISE features/functions and Zero Trust
- Describe Cisco Identity-Based Networking Services

- Describe the Cisco Identity Services Engine
- Explain Cisco ISE deployment
- Describe Cisco ISE policy enforcement components
- Describe Cisco ISE policy configuration
- Explain PKI fundamentals, technology, components, roles, and software supplicants
- Describe the Cisco ISE profiler service
- Configure endpoint compliance
- Configure client posture services
- Describe profiling best practices and reporting
- Describe the four main use cases within C2C
- Troubleshoot Cisco ISE policy and third-party NAD support
- Describe Cisco ISE TrustSec configurations
- Configure Cisco ISE device administration

Learning Path Prerequisites

There are no prerequisites for this training. However, the knowledge and skills you are recommended to have before attending this training are:

- Familiarity with 802.1X
- Familiarity with Microsoft Windows Operating Systems
- Familiarity with Cisco IOS CLI for wired and wireless network devices
- Familiarity with Cisco Identity Service Engine

These skills can be found in the following Cisco Learning Offering:

- Implementing and Configuring Cisco Identity Services Engine (SISE)

Learning Path Outline

- C2C Fundamentals
- Cisco Identity-Based Networking Services
- Introducing Cisco ISE Architecture
- Introducing Cisco ISE Deployment
- Introducing Cisco ISE Policy Enforcement Components
- Introducing Cisco ISE Policy Configuration
- PKI and Advanced Supplicants
- Introducing the Cisco ISE Profiler
- Introducing Cisco ISE Endpoint Compliance Services
- Configuring Client Posture Services and Compliance
- Introducing Profiling Best Practices and Reporting
- C2C Use Cases
- Troubleshooting Cisco ISE Policy and Third-Party NAD Support
- Exploring Cisco TrustSec
- Working with Network Access Devices

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