Cisco DoD Comply-to-Connect (C2C)

Category: Networking & Security | **Vendor:** Cisco

Duration: 40.00 hours (5 days) **32.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

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
- Earn 32 CE credits towards recertification

About This Course

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.

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Who Should Attend

This training is a US Department of Defense mandate, ensuring compliance with cybersecurity protocols and procedures. The target audience includes individuals seeking the knowledge and skills involved in deploying, operating, and verifying Cisco DoD C2C network architecture, such as:

- Network Security Engineers
- Network Administrators
- Security Administrators

Prerequisites & Entry Requirements

General Prerequisites:

There are no formal 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

The following recommended Cisco offering may help you meet these prerequisites:

- Implementing and Configuring Cisco Identity Services Engine (SISE)

Learning Outcomes

Upon successful completion of this course, participants will be able to:

- 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
- Explain the purporse and the configuration of integrating Cisco ISE with Tenable
- Describe the purpose and benefits of integrating Cisco ISE with MECM
- Describe the purpose and benefits of integrating Cisco ISE with Trellix
- Troubleshoot Cisco ISE policy and third-party NAD support
- Describe Cisco ISE TrustSec configurations
- Configure Cisco ISE device administration

Detailed Course 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
- C2C Third-Party Integrations—Tenable
- C2C Third-Party Integrations—MECM
- C2C Third-Party Integrations—Trellix
- Troubleshooting Cisco ISE Policy and Third-Party NAD Support
- Exploring Cisco TrustSec
- Working with Network Access Devices

Skills You Will Learn:

- 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
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Frequently Asked Questions

Q: What delivery options are available for Cisco DoD Comply-to-Connect (C2C)?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: How many CPD hours does this course provide?

The 5-day Cisco DoD Comply-to-Connect (C2C) course provides up to 32.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Cisco DoD Comply-to-Connect (C2C) training?

The training takes place over 5 day(s), with each day lasting approximately 40.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Cisco DoD Comply-to-Connect (C2C)?

Yes, we provide corporate training, dedicated training, and closed classes for Cisco DoD Comply-to-Connect (C2C). Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: Cisco DoD Comply-to-Connect, Security Platform, Architecture & Cloud, C2C

Q: Why choose Nexus Human for Cisco DoD Comply-to-Connect (C2C)?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Cisco DoD Comply-to-Connect (C2C) training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

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