

Cisco DoD Comply-to-Connect

Durée: 5 Jours **Réf de cours: C2C** **Version: 1.2**

Résumé:

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.

You'll also learn how to integrate Splunk analytics and reporting into the C2C solution, which provides comprehensive training on endpoint compliance, telemetry verification, and automated reporting workflows to meet DoD mandates. Finally, C2C specific use case scenarios are covered.

This training also earns you 32 Continuing Education (CE) credits toward recertification.

Updated 12/08/2026

Public visé:

This training is a 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

Objectifs pédagogiques:

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| ■ After this course participants should be able to: | ■ Configure client posture services |
| ■ Define DoD C2C, including its steps and alignment with ISE features/functions and Zero Trust | ■ Describe profiling best practices and reporting |
| ■ Describe Cisco Identity-Based Networking Services | ■ Describe the four main use cases within C2C |
| ■ Describe the Cisco Identity Services Engine | ■ Explain the purpose and the configuration of integrating Cisco ISE with Tenable |
| ■ Explain Cisco ISE deployment | ■ Describe the purpose and benefits of integrating Cisco ISE with MECM |
| ■ Describe Cisco ISE policy enforcement components | ■ Describe the purpose and benefits of integrating Cisco ISE with Trellix |
| ■ Describe Cisco ISE policy configuration | ■ Troubleshoot Cisco ISE policy and third-party NAD support |
| ■ Explain PKI fundamentals, technology, components, roles, and software supplicants | ■ Describe Cisco ISE TrustSec configurations |
| ■ Describe the Cisco ISE profiler service | ■ Configure Cisco ISE device administration |
| ■ Configure endpoint compliance | |

Pré-requis:

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

Test et certification

- N/A

- 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:

- SISE - Mettre en oeuvre et configurer la solution Cisco Identity Services Engine

Après cette formation, nous vous conseillons le(s) module(s) suivant(s):

- None Recommended

Contenu:

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 Splunk Dashboards ; Reporting
- 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

Lab Outline

- Initial Configuration and Certificate Usage
- Integrate Cisco ISE with Active Directory
- AAA Policy for MAB
- AAA Policy for 802.1X
- TEAP on Windows
- Cisco ISE Profiling Configuration
- Profiling Customization
- Cisco ISE Compliance Services
- Client Provisioning
- Posture Policies
- Compliance-Based Access
- Profiling Reports
- Certificate-Based Authentication for Cisco ISE Administration
- C2C Capstone Discovery
- Cisco ISE to Tenable Integration Simulation
- Cisco ISE to MECM Integration Simulation
- Cisco ISE to Trellix Integration Simulation
- Cisco TrustSec
- TACACS+ Basic Device Administration
- TACACS+ Command Authorization

Autres moyens pédagogiques et de suivi:

- Compétence du formateur : Les experts qui animent la formation sont des spécialistes des matières abordées et ont au minimum cinq ans d'expérience d'animation. Nos équipes ont validé à la fois leurs connaissances techniques (certifications le cas échéant) ainsi que leur compétence pédagogique.
- Suivi d'exécution : Une feuille d'emargement par demi-journée de présence est signée par tous les participants et le formateur.
- En fin de formation, le participant est invité à s'auto-évaluer sur l'atteinte des objectifs énoncés, et à répondre à un questionnaire de satisfaction qui sera ensuite étudié par nos équipes pédagogiques en vue de maintenir et d'améliorer la qualité de nos prestations.

Délais d'inscription :

- Vous pouvez vous inscrire sur l'une de nos sessions planifiées en inter-entreprises jusqu'à 5 jours ouvrés avant le début de la formation sous réserve de disponibilité de places et de labs le cas échéant.
- Votre place sera confirmée à la réception d'un devis ou "booking form" signé. Vous recevrez ensuite la convocation et les modalités d'accès en présentiel ou distanciel.
- Attention, si cette formation est éligible au Compte Personnel de Formation, vous devrez respecter un délai minimum et non négociable fixé à 11 jours ouvrés avant le début de la session pour vous inscrire via moncompteformation.gouv.fr.

Accueil des bénéficiaires :

- En cas de handicap : plus d'info sur globalknowledge.fr/handicap
- Le Règlement intérieur est disponible sur globalknowledge.fr/reglement