Deploy, Configure and Manage Cisco Duo

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

Duration: 24.00 hours (3 days) **19.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

In this 3-day course you will learn to deploy, configure and manage Cisco Duo.
In the present scenario the workforce of any company can connect from anywhere and everywhere using any device. So companies must ensure that all the company assets are protected.
Cisco Duo fits into a zero trust security model assuring proper authentication of users and devices and continuously monitors each access attempt, ensuring that all the users accounts, devices and applications are protected from unauthorized access company wide.

About This Course

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In the present scenario the workforce of any company can connect from anywhere and everywhere using any device. So companies must ensure that all the company assets are protected.
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Who Should Attend

- Network Administrators
- Network Engineers
- Sales Engineers
- System Engineers
- Anyone who wants to learn about Multi-Factor Authentication (MFA)

Prerequisites & Entry Requirements

General Prerequisites:

There is no mandatory prerequisite to take this course. However, some exposure to endpoint authentication could be beneficial.

Detailed Course Outline

1.\tFundamentals of Authentication methods

- What is Authentication?
- Different authentication methods
- Two-factor (2FA) authentication and beyond (MFA)
- Why do you need 2FA?
- 2FA/ MFA using Cisco Duo

2.\tGetting Started with Duo MFA

- Overview of Duo Security
- Different Licensing Models (MFA, Access and Beyond)
- Authenticating (Duo Prompt, Duo Universal Prompt, Duo Central)
- Endpoint and User Enrolment

3.\tDuo Administration Overview

- •\tAccessing Duo Admin Portal
- •\tAdministrator and Users Account Setup
- •\tDashboard and Navigation
- •\tViewing Information and Reports

4.\tEnrolling Users

- Automatic
- Self-Enrolment
- Manual Enrolment
- Activating Duo Mobile

5.\tProtecting Applications

- Application Options
- New and Existing Applications
- Application Updates
- Universal Prompt Activation
- View your Applications
- Remove an Application

6.\tDuo Directory Sync

- Overview of Directory Sync
- Azure AD Synchronization
- Active Directory Synchronization
- OpenLDAP Synchronization

7.\tDuo SSO/ SAML

- Duo SSO/ SAML overview
- Prerequisites
- Enabling Duo SSO
- Configuring the Authentication Source
- Creating a Cloud Application
- Duo Central

8.\tDuo Access Gateway (DAG)

- DAG Overview
- DAG for Windows
- DAG for Linux
- DAG and Universal Prompt

9.\tDuo Access Features

- Access Overview
- Policy and Control
- Device Insight
- Endpoints Insight
- Health monitoring
- Trust monitoring

10.\tDuo Beyond Features

- Trusted Endpoints
- Duo Network Gateway

11.\tTrusted Endpoints

- Overview of Trusted Endpoints
- Device Health Verification
- Duo Mobile Verification
- Certificate Verification
- Best Practices - Implementing Trusted Endpoints

- Applying the Trusted Endpoints Policy
- Monitoring Trusted Endpoints
- Controlling Application Access for Trusted Endpoints

12.\t Operations and Management

- Changing Settings
- End user and Admin Management
- Device Management
- Using groups
- Usability enhancements
- Software Downloads and Updates

13.\t Remote Access & VPN Use-Cases

- Duo Network Gateway
- Cisco AnyConnect VPN with ASA or Cisco Secure Firewall
- Duo 2FA for Meraki Client VPN

14.\t Common Use Cases

- Duo Single Sign-On
- Microsoft RDP
- Web Applications
- Identity Providers (Cisco Identity Services Engine)

Frequently Asked Questions

Q: What delivery options are available for Deploy, Configure and Manage Cisco Duo?

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 3-day Deploy, Configure and Manage Cisco Duo course provides up to 19.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Deploy, Configure and Manage Cisco Duo training?

The training takes place over 3 day(s), with each day lasting approximately 24.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Deploy, Configure and Manage Cisco Duo?

Yes, we provide corporate training, dedicated training, and closed classes for Deploy, Configure and Manage Cisco Duo. 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: Deploy, Configure and Manage Cisco Duo, Security Platform, Architecture & Cloud, DCMC-DUO

Q: Why choose Nexus Human for Deploy, Configure and Manage Cisco Duo?

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 Deploy, Configure and Manage Cisco Duo 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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