

Cisco Deploying Cloud Connect Solutions with Cisco Cloud Services Router 1000V (CLDCSR)

Duration: 32.00 hours (4 days)

26.0 CPD Hours

Rating: ★ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

The Deploying Cloud Connect Solutions with Cisco Cloud Services Router 1000V (CLDCSR) course shows you how to deploy and operate Cisco® Cloud Services Router 1000V (CSR1000V) to provide comprehensive WAN gateway and network services functions including connectivity, routing, and security into virtual and cloud environments. Through expert instruction and hands-on labs, you will learn: Cisco CSR 1000V deployment options and requirements; hypervisor support, licensing models, features and programmability support; and how to implement, integrate, install, manage, and troubleshoot the deployment process and common operation issues. This class will help you: Learn how to use the CSR 1000V Series to extend your enterprise network to public and private clouds Gain hands-on practice acquiring skills in virtual and cloud-based technologies

About This Course

The Deploying Cloud Connect Solutions with Cisco Cloud Services Router 1000V (CLDCSR) course shows you how to deploy and operate Cisco® Cloud Services Router 1000V (CSR1000V) to provide comprehensive WAN gateway and network services functions including connectivity, routing, and security into virtual and cloud environments. Through expert instruction and hands-on labs, you will learn: Cisco CSR 1000V deployment options and requirements; hypervisor support, licensing models, features and programmability support; and how to implement, integrate, install, manage, and troubleshoot the deployment process and common operation issues. This class will help you: Learn how to use the CSR 1000V Series to extend your enterprise network to public and private clouds Gain hands-on practice acquiring skills in virtual and cloud-based technologies

Who Should Attend

The primary audience for this course is as follows:

Data Center engineers

Cloud engineers

System engineers

Field engineers

Implementation/operation/support/installation and upgrade specialists

IT administrators

Network engineers

Cloud computing experts

Security specialists

Cisco integrators and partners

Learning Outcomes

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

Upon completing this course, the learner will be able to meet these overall objectives:

Describe items to be aware of before installing a Cisco CSR 1000V, including virtual machine requirements for installing Cisco CSR 1000V, licensing options that are available with Cisco CSR 1000V, supported Cisco IOS® XE technologies, and management options for Cisco CSR 1000V.

Prepare for installation of Cisco CSR 1000V Series routers.

Explain common Cisco IOS XE Command-Line Interface (CLI) commands and conventions that can make it easier to work in the CLI, and describe how you can get help with command syntax and command options.

Describe the options you can use to activate the license for Cisco CSR 1000V and activate the license for each option. Troubleshoot issues with Cisco CSR 1000V licenses.

Upgrade the Cisco IOS XE software for an existing Cisco CSR 1000V installation.

Describe the Call Home feature and its benefits, configure the feature on the Cisco CSR 1000V, including the anonymous reporting option, and display the Call Home configuration. List the different Call Home events that trigger alerts and commands that are executed as a result of the alert.

Troubleshoot Cisco CSR 1000V Virtual Machine (VM) issues.

Rehost a Cisco CSR 1000V license to a new VM, whether the current Cisco CSR 1000V router is accessible or not.

Describe the Virtual Extensible LAN (VXLAN) Layer 2 gateway feature and configure this feature on the Cisco CSR 1000V router.

Deploy the Cisco CSR 1000V in a virtual private cloud using Microsoft Azure or Amazon Web Services (AWS).

Describe common network operations that the Cisco CSR 1000V supports.

Explore programmability support on Cisco CSR 1000V, including APIs, shells, and data models.

Additional Course Details

Nexus Humans Cisco Deploying Cloud Connect Solutions with Cisco Cloud Services Router 1000V (CLDCSR) training program is a workshop that presents an invigorating mix of sessions, lessons, and masterclasses meticulously crafted to propel your learning expedition forward.

This immersive bootcamp-style experience boasts interactive lectures, hands-on labs, and collaborative hackathons, all strategically designed to fortify fundamental concepts.

Guided by seasoned coaches, each session offers priceless insights and practical skills crucial for honing your expertise. Whether you're stepping into the realm of professional skills or a seasoned professional, this comprehensive course ensures you're equipped with the knowledge and prowess necessary for success.

While we feel this is the best course for the Cisco Deploying Cloud Connect Solutions with Cisco Cloud Services Router 1000V (CLDCSR) course and one of our Top 10 we encourage you to read the course outline to make sure it is the right content for you.

Additionally, private sessions, closed classes or dedicated events are available both live online and at our training centres in Dublin and London, as well as at your offices anywhere in the UK, Ireland or across EMEA.

Frequently Asked Questions

Q: What delivery options are available for Cisco Deploying Cloud Connect Solutions with Cisco Cloud Services Router 1000V (CLDCSR)?

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
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Q: How many CPD hours does this course provide?

The 4-day Cisco Deploying Cloud Connect Solutions with Cisco Cloud Services Router 1000V (CLDCSR) course provides up to 26.0 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Cisco Deploying Cloud Connect Solutions with Cisco Cloud Services Router 1000V (CLDCSR) training?

The training takes place over 4 day(s), with each day lasting approximately 32.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Cisco Deploying Cloud Connect Solutions with Cisco Cloud Services Router 1000V (CLDCSR)?

Yes, we provide corporate training, dedicated training, and closed classes for Cisco Deploying Cloud Connect Solutions with Cisco Cloud Services Router 1000V (CLDCSR). 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: Why choose Nexus Human for Cisco Deploying Cloud Connect Solutions with Cisco Cloud Services Router 1000V (CLDCSR)?

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 **PENPALS** when booking your Cisco Deploying Cloud Connect Solutions with Cisco Cloud Services Router 1000V (CLDCSR) training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

Professional Training & Development

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