

Cisco Implementing Cisco SD-WAN Solutions (ENSDWI) v2.0

Duration: 40.00 hours (5 days)

32.5 CPD Hours

Rating: ★ 4.6 (5,878 reviews)

Course Information

Delivery Format: Other

Course Overview

The Implementing Cisco SD-WAN Solutions (ENSDWI) v2.0 course gives you training about how to design, deploy, configure, and manage your Cisco® Software-Defined WAN (SD-WAN) solution in a large-scale live network, including how to migrate from legacy WAN to SD-WAN. You will learn best practices for configuring routing protocols in the data center and the branch, as well as how to implement advanced control, data, and application-aware policies. The course also covers SD-WAN deployment and migration options, placement of controllers, how to deploy WAN Edge devices, and how to configure Direct Internet Access (DIA) breakout. The course looks at the different Cisco SD-WAN security options available, such as application-aware enterprise firewall, Intrusion Prevention System (IPS), URL filtering, Cisco Advanced Malware Protection (AMP), Secure Sockets Layer/Transport Layer Security (SSL/TLS) proxy, and Cisco Umbrella® Secure Internet Gateway (SIG). This course helps you prepare to take the Implementing Cisco SD-WAN Solutions (300-415 ENSDWI) exam which is part of the CCNP® Enterprise certification. You will also earn 32 Continuing Education (CE) credits toward recertification.

About This Course

The Implementing Cisco SD-WAN Solutions (ENSDWI) v2.0 course gives you training about how to design, deploy, configure, and manage your Cisco® Software-Defined WAN (SD-WAN) solution in a large-scale live network, including how to migrate from legacy WAN to SD-WAN. You will learn best practices for configuring routing protocols in the data center and the branch, as well as how to implement advanced control, data, and application-aware policies. The course also covers SD-WAN deployment and migration options, placement of controllers, how to deploy WAN Edge devices, and how to configure Direct Internet Access (DIA) breakout. The course looks at the different Cisco SD-WAN security options available, such as application-aware enterprise firewall, Intrusion Prevention System (IPS), URL filtering, Cisco Advanced Malware Protection (AMP), Secure Sockets Layer/Transport Layer Security (SSL/TLS) proxy, and Cisco Umbrella® Secure Internet Gateway (SIG). This course helps you prepare to take the Implementing Cisco SD-WAN Solutions (300-415 ENSDWI) exam which is part of the CCNP® Enterprise certification. You will also earn 32 Continuing Education (CE) credits toward recertification.

Who Should Attend

System installers

System integrators

System administrators

Network administrators

Solutions designers

Learning Outcomes

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

After taking this course, you should be able to:

Describe the Cisco SD-WAN solution and how modes of operation differ in traditional WAN versus SD-WAN

Describe options for Cisco SD-WAN cloud and on-premises deployment

Explain how to deploy WAN Edge devices

Review the Zero-Touch Provisioning (ZTP) process and examine technical specifics for on-premises deployment

Review the device configuration template and describe new features of device configuration templates

Describe options for providing scalability, high availability, and redundancy

Explain how dynamic routing protocols are deployed in an SD-WAN environment, on the service side and transport side

Describe Cisco SD-WAN policy concepts, which includes how policies are defined, attached, distributed, and applied

Define and implement advanced control policies, such as policies for custom topologies and service insertion

Identify and implement advanced data policies, such as policies for traffic engineering and QoS

Define and implement an Application-Aware Routing (AAR) policy

Implement Direct Internet Access (DIA) and Cisco SD-WAN Cloud OnRamp options

Describe Cisco SD-WAN security components and integration

Describe how to design pure and hybrid Cisco SD-WAN solutions, as well as how to perform a migration to Cisco SD-WAN

Describe Cisco SD-WAN Day-2 operations, such as monitoring, reporting, logging, troubleshooting, and upgrading

Describe Cisco SD-WAN support for multicast

Additional Course Details

Nexus Humans Cisco Implementing Cisco SD-WAN Solutions (ENSDWI) v2.0 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 Implementing Cisco SD-WAN Solutions (ENSDWI) v2.0 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 Implementing Cisco SD-WAN Solutions (ENSDWI) v2.0?

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 5-day Cisco Implementing Cisco SD-WAN Solutions (ENSDWI) v2.0 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 Implementing Cisco SD-WAN Solutions (ENSDWI) v2.0 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 Implementing Cisco SD-WAN Solutions (ENSDWI) v2.0?

Yes, we provide corporate training, dedicated training, and closed classes for Cisco Implementing Cisco SD-WAN Solutions (ENSDWI) v2.0. 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 Implementing Cisco SD-WAN Solutions (ENSDWI) v2.0?

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 Implementing Cisco SD-WAN Solutions (ENSDWI) v2.0 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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