

Cisco IPv6 Fundamentals, Design and Deployment 3.0 (IP6FD)

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

This course is a five-day course aimed at providing network engineers and technicians that are working in the enterprise sector with the knowledge and skills that are needed to study and configure Cisco IOS Software IPv6 features.

About This Course

This course is a five-day course aimed at providing network engineers and technicians that are working in the enterprise sector with the knowledge and skills that are needed to study and configure Cisco IOS Software IPv6 features.

Who Should Attend

Network engineers and technicians that are working in the enterprise sector.

Learning Outcomes

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

- Describe the factors that led to the development of IPv6 and possible uses of this new IP structure
- Describe the structure of the IPv6 address format, how IPv6 interacts with data link layer technologies, and how IPv6 is supported in Cisco IOS Software
- Implement IPv6 services and applications
- Understand the updates to IPv4 routing protocols needed to support IPv6 topologies
- Understand multicast concepts and IPv6 multicast specifics
- Evaluate the scenario and desired outcome and identify the best transition mechanism for the situation
- Describe security issues, how security for IPv6 is different than for IPv4, and emerging practices for IPv6-enabled networks
- Describe the standards bodies that define IPv6 address allocation, in addition to one of the leading IPv6 deployment issues—multihoming
- Describe the deployment strategies that service providers might consider when deploying IPv6
- Describe case studies for enterprise, service provider, and branch networks

Additional Course Details

Nexus Humans Cisco IPv6 Fundamentals, Design and Deployment 3.0 (IP6FD) 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 IPv6 Fundamentals, Design and Deployment 3.0 (IP6FD) 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 IPv6 Fundamentals, Design and Deployment 3.0 (IP6FD)?

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 IPv6 Fundamentals, Design and Deployment 3.0 (IP6FD) 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 IPv6 Fundamentals, Design and Deployment 3.0 (IP6FD) 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 IPv6 Fundamentals, Design and Deployment 3.0 (IP6FD)?

Yes, we provide corporate training, dedicated training, and closed classes for Cisco IPv6 Fundamentals, Design and Deployment 3.0 (IP6FD). 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 IPv6 Fundamentals, Design and Deployment 3.0 (IP6FD)?

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 IPv6 Fundamentals, Design and Deployment 3.0 (IP6FD) 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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