

# Cisco Introducing IP Fundamentals of Cisco Fabric for Media v2.0 (IPFMFD)

**Duration:** 16.00 hours (2 days)

**13.0 CPD Hours**

**Rating:** ★ 4.6 (5,878 reviews)

## Course Information

**Delivery Format:** Instructor Led - Online

## Course Overview

The Introducing IP Fundamentals of Cisco Fabric for Media(IPFMFD) v2.0 course introduces you to Internet Protocol (IP) technologies. This course covers Ethernet functions and standards, the basic principles of IP, the Transmission Control Protocol/Internet Protocol (TCP/IP) stack, and other technologies used in modern networks. Lab exercises focus on configuring basic IP functionality on switches and servers.

## About This Course

The Introducing IP Fundamentals of Cisco Fabric for Media(IPFMFD) v2.0 course introduces you to Internet Protocol (IP) technologies. This course covers Ethernet functions and standards, the basic principles of IP, the Transmission Control Protocol/Internet Protocol (TCP/IP) stack, and other technologies used in modern networks. Lab exercises focus on configuring basic IP functionality on switches and servers.

## Who Should Attend

This course is designed for broadcast engineers with no previous IP experience.

# Learning Outcomes

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

After taking this course, you should be able to:

Identify the components of a computer network and describe their basic characteristics.

Describe network fundamentals, and explain a simple LAN.

Describe hardware and wiring that is used to build a network.

Describe the Open Systems Interconnection (OSI) reference model.

Explain the datalink layer characteristics, Ethernet protocol, and switch operation.

Introduce students to key network layer components, definitions, and standards.

Explain the purpose and functions of the transport layer.

Describe end-to-end packet delivery.

Describe routing.

Describe multicast networks, applications, and protocols.

Explain data center architecture in each layer and describe new leaf-spine topology approaches.

Explain virtualization and software-defined networking (SDN).

## Additional Course Details

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Nexus Humans Cisco Introducing IP Fundamentals of Cisco Fabric for Media v2.0 (IPFMFD) 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 Introducing IP Fundamentals of Cisco Fabric for Media v2.0 (IPFMFD) 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

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## **Q: What delivery options are available for Cisco Introducing IP Fundamentals of Cisco Fabric for Media v2.0 (IPFMFD)?**

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 2-day Cisco Introducing IP Fundamentals of Cisco Fabric for Media v2.0 (IPFMFD) course provides up to 13.0 CPD hours of structured learning. CPD certificates can be provided upon request.

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## **Q: What is the duration of the Cisco Introducing IP Fundamentals of Cisco Fabric for Media v2.0 (IPFMFD) training?**

The training takes place over 2 day(s), with each day lasting approximately 16.00 hours including breaks for lunch and refreshments.

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## **Q: Do you provide corporate training for Cisco Introducing IP Fundamentals of Cisco Fabric for Media v2.0 (IPFMFD)?**

Yes, we provide corporate training, dedicated training, and closed classes for Cisco Introducing IP Fundamentals of Cisco Fabric for Media v2.0 (IPFMFD). 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.

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## Q: Why choose Nexus Human for Cisco Introducing IP Fundamentals of Cisco Fabric for Media v2.0 (IPFMFD)?

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

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## Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Cisco Introducing IP Fundamentals of Cisco Fabric for Media v2.0 (IPFMFD) 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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