

IPFMSN

Operating Cisco IP Fabric for Media Solution

The Operating Cisco IP Fabric for Media Solution (IPFMSN) v1.0 course introduces you to the Cisco® IP Fabric for Media (IPFM) solution. The course is designed for broadcast engineers who will use IP technologies to replace Serial Device Interface (SDI)-based deployments. You will learn about Cisco IPFM deployment, operation, and troubleshooting. The course also covers the Data Center Network Manager (DCNM) Media Controller, a core component of the Cisco IPFM solution. Through lab exercises that focus on building IP fabric as a baseline for a complete IPFM solution, you will learn how to deploy and troubleshoot the DCNM Media Controller to control flows through the fabric.

Course Contents

- Broadcast and Media Evolution
- Cisco IPFM Architecture
- Cisco DCNM Media Controller
- Precision Timing
- Interior Gateway and Internet Group Management Protocols
- Protocol Independent Multicast
- Non-Blocking Multicast
- Quality of Service (QoS)
- Cisco DCNM Platform
- Quality of Service
- Out-of-Band and In-band Management
- Deployment Topologies Using Cisco IP Fabric for MediaCisco DCNM Media Controller Installation, Management, and Maintenance
- Cisco Nexus AAA Features
- Power-On Auto Provisioning
- Environment Discovery
- Host and Flow Policies
- Flow Setup, Teardown, and Verification
- SMPTE 2022-7 Overview
- Sizing and Capacity
- Sample Deployment Scenario
- DCNM and Cisco Nexus 9000 Series High Availability
- Failure Scenarios
- Cisco IPFM Troubleshooting
- Events and Notifications
- Logging on to Cisco Nexus 9000

E-Book You will receive the original course documentation from Cisco in English language as a Cisco E-Book.

Target Group

This course is designed for broadcast engineers. It might also be of interest to technical solution architects, network engineers, and network administrators.

Prerequisites

There are no prerequisites for this course. However, we recommend that you complete the Introducing IP Fundamentals of Cisco Fabric for Media (IPFMFD) course before attending this course.

This Course in the Web



You can find the up-to-date information and options for ordering under the following link:

www.expertech-training.com/go/CIPF

Reservation

On our Website, you can reserve a course seat for 7 days free of charge and in a non-committal manner. This can also be done by phone under +49 6074/4868-0.

Guaranteed Course Dates

To ensure reliable planning, we are continuously offering a wide range of guaranteed course dates.

Your Tailor-Made Course!

We can precisely customize this course to your project and the corresponding requirements.

Training	Prices, excl. of V.A.T.	
Classes in Germany	4 Days	€ 4,595
Online Training	4 Days	€ 4,595
Dates upon request		

Status 05/07/2024

Our Training Offer for You:



Classroom Training

The live training experience in our training centers or on your premises on-site.



Online Training

Attend your course in online mode – without travel and accommodation expenses and effort.



Hybrid Training

Classroom & online in one course – choose how you wish to participate in your training event.



In-house Training

We create your customized training concepts for your project.



Guaranteed Course Dates

ExperTeach guaranteed course dates allow for secure and reliable planning.

Awards Won by ExperTeach



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