

Cisco Network Services

This Cisco Network Services course covers how to transform your networking infrastructure into a simple, agile, and innovative solution that you can migrate, adopt, deploy, and manage confidently.

[CBT Nuggets course material](#) →

WEEK 1

Multicast Routing Foundations and Design

142 min.

Introducing Multicast Fundamentals	1
The Point of Multicast	8
IGMP and PIM	6
Source Trees	6
Shared Trees	4
Rendezvous Points	5
Reverse Path Forwarding	4
Summarizing Multicast Fundamentals	1
Introducing Multicast Routing Design	1
Understanding IGMP	8
PIM Dense-Mode (PIM-DM)	8
PIM Sparse-Mode (PIM-SM)	10
Bidir-PIM	3
Source Specific Multicast (SSM)	4
MSDP	4
Summarizing Multicast Design	1

Network Management and Telemetry Techniques

Overview	1
Designing for Network Management	1
In-Band vs Out-of-Band	7
SNMP	7
YANG, Netconf, and Restconf	7
Netflow	6
Syslog	6
Summarizing Network Management Design	1
Introducing Telemetry Designs	1

Streaming Telemetry and Model-Driven Telemetry	9
The Subscription Cadence	6
Dial-In vs Dial-Out Telemetry	5
MDT Protocols	8
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