

Telecoms Engineering

Course Name

Cisco IOS XR Advanced Network Management

Course Description

This course provides the learner the knowledge and skills to understand or operate and maintain the NRT FTNx Cisco IOS XR network equipment.

The course is split into 11 sections:

- Section 1: Cisco IOS XR Software Overview
- Section 2: Cisco IOS XR Software Operations
- Section 3: Network Time Synchronization
- Section 4: SNMP, Telemetry, and Logging
- Section 5: Cisco IOS XR 64-Bit Software Routing Protocols
- Section 6: Packet Filtering
- Section 7: Cisco IOS XR 64-Bit Multiprotocol Label Switching
- Section 8: Layer 3 VPNs
- Section 9: Cisco IOS XR Software Layer 2 Architecture
- Section 10: Cisco IOS XR Layer 2 Services
- Section 11: Monitoring Processes

Audience

-Field engineers (e.g. Field Services and Route Communication Engineers teams)
-Network Management Centre (NMC) Tier 1 engineers - NMC Tier 2 engineers -
NMC Tier 3 engineers - Network Designers - Senior Network Architects

Duration: 5 Day(s) **Class Size:** 8

Competence Name Awarded**Competence Awarded****Course Code****Prerequisite Name**

Cisco IOS XR basics TCP/IP and Cisco fundamentals

Prerequisite Short Code

IOSXRB, TCPIP 0871

Skills Assessment Scheme Regime**Course Type**

Face to Face

Download Date: 10/1/2025