

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 Principles of Testing and Commissioning on Telecoms Equipment TCP/IP and Cisco fundamentals

Prerequisite Short Code

IOSXRB, Tel 600, TCPIP 0871

Skills Assessment Scheme Regime**Course Type**

Face to Face

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