

Managing Cisco Network Operating Systems (CPLL-CN IOS)

Duration: 180 Days

The Managing Cisco Network Operating Systems (CN IOS) training introduces the fundamental concepts of Cisco networking operating systems, including IOS XE, NX-OS, and IOS XR. This training is designed for individuals who are new to Cisco or networking professionals who want to deepen their understanding of Cisco operating systems used across various network devices. Upon completion of this training, you will be able to navigate the command-line interface (CLI), configure basic settings as well as advanced protocols, and understand the unique features and architectures of Cisco network operating systems.

This training includes five free additional modules through Cisco U. This training also earns you 37 Continuing Education (CE) credits toward recertification.

Skills You'll Learn:

- Learn fundamental knowledge of the Cisco IOS XE, NX-OS, and IOS XR operating systems
- Discover how to navigate CLIs of individual systems, perform initial setup, upgrade, and troubleshooting
- Examine Cisco documentation, interact with Cisco Technical Assistance Center (TAC), and automate different platforms
- Gain an understanding of how to configure important features, such as Virtual Port Channel (vPC), Fibre Channel, virtual extensible LAN (VXLAN), and router clustering

Learning Path Objectives:

- Navigate the CLIs of IOS XE, NX-OS, and IOSXR
- Perform initial setup, upgrades, and troubleshooting on various Cisco platforms
- Configure essential network features, such as vPCs, Fibre Channel, VXLAN, and router clustering
- Explore automation options and learn how to interact with Cisco TAC
- Gain proficiency in navigating Cisco documentation and securing network environments