
Configuring Cisco Nexus 7000 Switches

Duration: 5 Days **Course Code: DCNX7K**

Overview:

The Configuring Cisco Nexus 7000 Switches (DCNX7K) course covers the key components and procedures you need to know to configure, manage, and troubleshoot the Cisco Nexus 7000 switch platform.

Target Audience:

This course is designed for: Network engineers and architects involved with day-to-day data center operations

Objectives:

- Upon completing this course, the learner will be able to meet these overall objectives:
 - Identify the architecture, features, and deployment models of the Cisco Nexus 7000 Series Switch
 - Describe hardware architecture, and perform hardware installation, and configure device administration features
 - Describe software architecture, configure and troubleshoot Cisco Nexus 7000 Series Switch features
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Prerequisites:

The knowledge and skills that a learner must have before attending this course are as follows:

- A solid understanding of data center networking as well as some light exposure to Storage Area Networks (SAN) is preferred. To gain the prerequisite skills and knowledge, Cisco strongly recommends the knowledge of the following courses:
 - Interconnecting Cisco Networking Devices Part 1 (ICND1)
 - Interconnecting Cisco Networking Devices Part 2 (ICND2)
 - Implementing Cisco IP Routing (ROUTE)
 - Implementing Cisco IP Switched Networks (SWITCH)
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Content:

Describing Cisco Nexus 7000 Series Switches

- Describing the Cisco Nexus 7000 Switch
- Describing Cisco Nexus 7000 Series Switch Features in General
- Describing the Cisco Nexus 7000 Switch Deployment Models

Describing Cisco Nexus 7000 Series Switch Hardware Architecture, Device Installation, and Administration Features

- Describing Cisco Nexus 7000 Series Switch Hardware Architecture
- Installing Cisco Nexus 7000 Series Switches
- Configuring Device Administration and Management Features
- Using the Troubleshooting Process and Tools

Cisco Nexus 7000 Series Switch Software Architecture and Features

- Describing Cisco NX-OS Software
- Configuring Virtual Device Contexts on Cisco Nexus 7000 Series Switches
- Configuring Layer 2 Switching Features
- Configuring Port Channels
- Configuring the Cisco Nexus 7000 Series Switch with the Cisco Nexus 2000 Series Fabric Extender
- Configuring Cisco FabricPath
- Configuring Layer 3 Switching Features
- Troubleshooting Layer 2 and Layer 3
- Configuring MPLS
- Configuring Cisco OTV
- Configuring Locator/ID Separation Protocol
- Configuring FCoE
- Configuring Security Features
- Configuring QoS
- Troubleshooting Memory and Packet Flow Issues

Further Information:

For More information, or to book your course, please call us on +254 713 027 191

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