



Implementing and Configuring the Cisco Nexus 7000 v1.4 (ICNX7)

Description

In this 3-day course, you will learn how to implement an enterprise Data Center routing and switching infrastructure with the next-generation Cisco Nexus 7000 platform. This course provides a technical overview of the Nexus platform architecture, deployment, and operations, including Virtual Device Contexts, Layer 2 and Layer 3 features, QoS, and security.

You will explore the features of NX-OS and the Nexus platform by performing hands-on labs using real Nexus 7000 labs.

Course Objectives

After completing this course, students should be able to:

- Describe the features of the Nexus 7010 chassis, Supervisor Engine, and line cards
- Describe the architecture of NX-OS
- Describe the Connectivity Management Processor
- Configure switch management features like Call Home, logging, AAA, and RBAC
- Use configuration checkpoints and rollbacks
- Configure Virtual Device Contexts
- Configure Layer 2 and Layer 3 services
- Configure NX-OS Process Recovery
- Configure NX-OS Supervisor Redundancy
- Configure Quality of Service
- Configure traffic integrity features and Control Plane Protection
- Configure access and admission control
- Configure LinkSec encryption
- Use SPAN and Ethalyzer to monitor traffic

Who Should Attend

This course is designed for experienced Network Field Engineers who are already capable of implementing Layer 2 and Layer 3 services using Cisco IOS and the Cisco Catalyst switching platform.

Recommended pre-requisites

- Familiarity with TCP/IP protocol suite
- Knowledge of Layer 2 switching
- Knowledge of Layer 3 routing protocols
- Understanding of Cisco data centre architecture

Length of Course

3 Days.

Maximum Class Size

12 Students

Class Locations

All APAC locations, subject to suitable venue.

Further Information

Housley Communications Pty Ltd
Level 6, Suite 4
100 Walker Street
North Sydney NSW 2060
Australia
Tel: +61 2 9954 4055
Fax: +61 2 9959 5570
Email: learning@housley.com.au