

Network Convergence System 5500 Series Router (NCS5500HW) v2.0

What you'll learn in this course

The **Network Convergence System 5500 Series Router (NCS5500HW) v2.0** course focuses on the hardware features of Cisco® Network Convergence System (NCS) 5500 Series routers. You will learn about the features and functions of the Cisco NCS 5500 Series chassis, hardware architecture, boot process, and the 64-bit Cisco Internetwork Operating System (IOS) XR software.

Course duration

- E-learning: Equivalent of 1 day of instruction with hands-on lab practice

How you'll benefit

This course will help you:

- Understand the features and functions within the Cisco NCS 5500 Series of routers
- Install Cisco IOS® XR software packages

Who should enroll

This course is designed for technical professionals who need to learn about NCS 5500 Series hardware:

- Systems engineers
- Technical support personnel
- Channel partners and resellers

How to enroll

E-learning

- For more than one license, or a learning library subscription, contact us at learning-bdm@cisco.com.

Technology areas

- Service Provider
- Routing and Switching
- Enterprise Networking

Course details

Objectives

After taking this course, you should be able to:

- Describe features and functions of the Cisco NCS 5500 series routers
- Install and launch 64-bit Cisco IOS XR software packages within Cisco NCS 5500 routers
- Manage Cisco NCS 5500 routers using Cisco IOS XR model-driven programmability

Prerequisites

We recommend that you have the following prerequisite knowledge and skills before taking this course:

- Knowledge of general routing concepts
- Experience working with Command-Line Interface (CLI)-based network devices

Outline

- Cisco NCS 5500 Series Hardware
 - Examining the Cisco NCS 5500 Series Chassis
 - Examining the Cisco NCS 5500 Series Modular Hardware
 - Examining Environmental Monitoring
- Cisco IOS XR 64-Bit Architecture and Features
 - Examining the Cisco IOS XR Architecture
 - Examining Cisco IOS XR 64-Bit Features

Lab outline

- Identifying Router Hardware Using the CLI
- Identifying Optical Hardware Using the CLI
- Monitor the Environment from the CLI
- Observe the Cisco NCS 5500 Boot Process
- Install Cisco IOS XR Software Packages
- Using ZTP and Telemetry
- Model-Driven Programmability




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