

# Cisco Introduction to Cisco IOS XR (IOSXR100)

**Duration:** 32.00 hours (4 days)

**26.0 CPD Hours**

**Rating:** ★ 4.6 (5,878 reviews)

## Course Information

**Delivery Format:** Instructor Led - Online

## Course Overview

This 4-day course, Introduction to Cisco IOS® XR (IOSXR100), is an instructor led, lab-based, hands-on course, where you learn the fundamental concepts on which the operating system is based and Cisco IOS XR basic operations for configuration, software, file system configuration, and monitoring. Basic troubleshooting for how to troubleshoot problems relating to process failures, frozen processes, and high CPU and memory consumption is also covered. This course introduces you to the features and functions of the Cisco IOS XR Software operating system. Through a combination of lecture and hands-on lab exercises, you gain an understanding of all major aspects of the operating system, including the architecture, high-availability components, scalability features, configuration basics, switch fabric data path, basic software operations, configuration file overview, monitoring the Cisco IOS XR operating system, and working with error messages and core dumps.

## About This Course

This 4-day course, Introduction to Cisco IOS® XR (IOSXR100), is an instructor led, lab-based, hands-on course, where you learn the fundamental concepts on which the operating system is based and Cisco IOS XR basic operations for configuration, software, file system configuration, and monitoring. Basic troubleshooting for how to troubleshoot problems relating to process failures, frozen processes, and high CPU and memory consumption is also covered. This course introduces you to the features and functions of the Cisco IOS XR Software operating system. Through a combination of lecture and hands-on lab exercises, you gain an understanding of all major aspects of the operating system, including the architecture, high-availability components, scalability features, configuration basics, switch fabric data path, basic software operations, configuration file overview, monitoring the Cisco IOS XR operating system, and working with error messages and core dumps.

## Who Should Attend

The primary audience for this course is as follows:

Network operations center (NOC) operators

System administrators

System engineers

Technical support personnel

Channel partners, resellers

# Learning Outcomes

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**Upon successful completion of this course, participants will be able to:**

Upon completing this course, the learner will be able to meet these overall objectives:

Cisco IOS XR general architecture

Introduction to the Cisco IOS XR command line interface (CLI)

Basic system configuration

Tracing the switch fabric data path

Monitoring the Cisco IOS XR system

Working within the Cisco IOS XR configuration file system

Interpreting Cisco IOS XR error messages and log file messages

Creating system core dumps

## Additional Course Details

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Nexus Humans Cisco Introduction to Cisco IOS XR (IOSXR100) training program is a workshop that presents an invigorating mix of sessions, lessons, and masterclasses meticulously crafted to propel your learning expedition forward.

This immersive bootcamp-style experience boasts interactive lectures, hands-on labs, and collaborative hackathons, all strategically designed to fortify fundamental concepts.

Guided by seasoned coaches, each session offers priceless insights and practical skills crucial for honing your expertise. Whether you're stepping into the realm of professional skills or a seasoned professional, this comprehensive course ensures you're equipped with the knowledge and prowess necessary for success.

While we feel this is the best course for the Cisco Introduction to Cisco IOS XR (IOSXR100) course and one of our Top 10 we encourage you to read the course outline to make sure it is the right content for you.

Additionally, private sessions, closed classes or dedicated events are available both live online and at our training centres in Dublin and London, as well as at your offices anywhere in the UK, Ireland or across EMEA.

# Frequently Asked Questions

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## **Q: What delivery options are available for Cisco Introduction to Cisco IOS XR (IOSXR100)?**

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
  - Traditional Instructor-Led Classroom Training (ILT)
  - On-site delivery at your offices anywhere in United Kingdom
  - Private dedicated courses customized for your team
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## **Q: How many CPD hours does this course provide?**

The 4-day Cisco Introduction to Cisco IOS XR (IOSXR100) course provides up to 26.0 CPD hours of structured learning. CPD certificates can be provided upon request.

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## **Q: What is the duration of the Cisco Introduction to Cisco IOS XR (IOSXR100) training?**

The training takes place over 4 day(s), with each day lasting approximately 32.00 hours including breaks for lunch and refreshments.

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## **Q: Do you provide corporate training for Cisco Introduction to Cisco IOS XR (IOSXR100)?**

Yes, we provide corporate training, dedicated training, and closed classes for Cisco Introduction to Cisco IOS XR (IOSXR100). Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

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## Q: Why choose Nexus Human for Cisco Introduction to Cisco IOS XR (IOSXR100)?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

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## Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Cisco Introduction to Cisco IOS XR (IOSXR100) training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

# Nexus Human

## Professional Training & Development

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