

# Cisco IOS XR Broadband Network Gateway Implementation and Verification (IOSXR304)

**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

The Cisco IOS XR Broadband Network Gateway Implementation and Verification (IOSXR304) course teaches you how to successfully deploy, configure, operate, maintain, and support a Cisco IOS® XR Broadband Network Gateway (BNG) solution. This course will show you how to implement and verify BNG on a Cisco IOS XR device to manage subscriber access. You will also learn how to implement and verify subscriber management functions, including authentication, authorization, and accounting of subscriber sessions, address assignment, security, policy management, and Quality of Service (QoS).

## About This Course

The Cisco IOS XR Broadband Network Gateway Implementation and Verification (IOSXR304) course teaches you how to successfully deploy, configure, operate, maintain, and support a Cisco IOS® XR Broadband Network Gateway (BNG) solution. This course will show you how to implement and verify BNG on a Cisco IOS XR device to manage subscriber access. You will also learn how to implement and verify subscriber management functions, including authentication, authorization, and accounting of subscriber sessions, address assignment, security, policy management, and Quality of Service (QoS).

# Who Should Attend

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The primary audience for this course is as follows:

System Installers

System Integrators

System Administrators

Network Administrators

Solution Designers

# 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:

Describe the architecture and function of the Cisco IOS XR Broadband Network Gateway

Configure and verify Authentication, Authorization, and Accounting (AAA) in a Broadband Network Gateway deployment

Define policies to control subscriber traffic

Establish and verify subscriber sessions

Prioritize subscriber traffic using QoS

Implement subscriber features

Deploy redundancy for subscriber sessions

## Additional Course Details

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Nexus Humans Cisco IOS XR Broadband Network Gateway Implementation and Verification (IOSXR304) 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 IOS XR Broadband Network Gateway Implementation and Verification (IOSXR304) 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 IOS XR Broadband Network Gateway Implementation and Verification (IOSXR304)?**

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 IOS XR Broadband Network Gateway Implementation and Verification (IOSXR304) 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 IOS XR Broadband Network Gateway Implementation and Verification (IOSXR304) 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 IOS XR Broadband Network Gateway Implementation and Verification (IOSXR304)?**

Yes, we provide corporate training, dedicated training, and closed classes for Cisco IOS XR Broadband Network Gateway Implementation and Verification (IOSXR304). 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 IOS XR Broadband Network Gateway Implementation and Verification (IOSXR304)?

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 **PENPALS** when booking your Cisco IOS XR Broadband Network Gateway Implementation and Verification (IOSXR304) 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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