

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

**ID** IOSXR304 **Price** US \$ 4,000.—(excl. VAT) **Duration** 4 days

## Who should attend

- System installers
- System integrators
- System administrators
- Network administrators
- Solution designers

## Prerequisites

It is recommended that a learner has the following knowledge and skills before attending this course:

- Experience working with Cisco IOS XR Software-based platforms
- Basic understanding of routing protocols and Multiprotocol Label Switching (MPLS)
- Basic understanding of AAA functions

## Course Objectives

This course will help you:

- Prepare to deploy, implement, configure, operate, and maintain a Cisco IOS XR BNG solution
- Gain hands-on practice using BNG with lab exercises
- Deepen your understanding of the Cisco IOS XR BNG solution

After taking this course, you should be able to:

- 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

## Training Centres worldwide



## Fast Lane Institute for Knowledge Transfer (Switzerland) AG

Husacherstrasse 3  
CH-8304 Wallisellen  
Tel. +41 44 832 50 80

info@flane.ch, <https://www.flane.ch>