



Configuring BGP on Cisco Routers (BGP 4.0)

What you'll learn in this course

Implementing Cisco Quality of Service (QoS) v2.5 provides learners with in-depth knowledge of QoS requirements, conceptual models such as best effort, IntServ, and DiffServ, and the implementation of QoS on Cisco platforms. The curriculum covers the theory of QoS, design issues, and configuration of various QoS mechanisms to facilitate the creation of effective administrative policies providing QoS. Case studies and lab exercises included in the course help learners to apply the concepts from the individual modules to real-life scenarios. The course also gives learners design and usage rule for advanced QoS features. This gives the learners the opportunity to design and implement efficient, optimal, and trouble-free multiservice networks.

Course duration

- Instructor-led training: 5 days in the classroom with hands-on practice
- E-learning: 5 days of hands-on practice, plus equivalent of 3 days of content with practice and challenges

Who should enroll

- Channel Partner / Reseller
- Customer
- Employee

How to enroll

To enroll in the BGP course or explore our larger catalog of courses on Cisco Digital Learning, contact us at <training@fastlane-mea.com>

Course details

Objectives:

Upon completing this course, you will be able to meet these objectives:

- You will be able to identify, describe, and correctly implement the appropriate QoS mechanisms required to create an effective administrative policy providing QoS

Recommended knowledge and training

The knowledge and skills that a learner must have before attending this course are as follows:

- Interconnecting Cisco Networking Devices, Part 1 and 2 (ICND1 and ICND2)
- Cisco Certified Networking Associate

Outline

- Introduction to QoS
- Implement and Monitor QoS
- Classification and Marking
- Congestion Management
- Congestion Avoidance
- Traffic Policing and Shaping
- Link Efficiency Mechanisms
- Deploying End-to-End QoS
- Case Study 1-1: QoS Mechanisms

