BGP 4.0 – Configuring BGP of Cisco Routers (BGP)

Price: 3995

Duration: 5 days

Delivery Methods: Virtual

Overview

The Configuring BGP on Cisco Routers (BGP) training teaches the underlying foundations of the internet and new-world technologies such as Multiprotocol Label Switching (MPLS). Learn how to design and implement efficient, optimal, and trouble-free BGP networks covering the theory of BGP and configuration of BGP on Cisco IOS routers, detailed troubleshooting information and hands-on exercises that provide you with the skills needed to configure and troubleshoot BGP networks in customer environments, and BGP network design issues and usage rules for various BGP features.

Who Should Enroll
- Account and project managers
- Cce administrators
- Deployment engineers
- Technical sales

How you'll benefit

This training will help you:
- Explore the theory of BGP and configuration of BGP on Cisco IOS routers
- Discover detailed troubleshooting information and hands-on exercises that provide you with the skills needed to configure and troubleshoot BGP networks in customer environments
- Examine BGP network design issues and usage rules for various BGP features

COURSE OBJECTIVES
After taking this training, you should be able to:

- Describe how to configure, monitor, and troubleshoot basic BGP to enable interdomain routing in a network scenario with multiple domains
- Describe how to use BGP policy controls to influence the BGP route selection process in a network scenario in which you must support connections to multiple ISPs
- Describe how to use BGP attributes to influence the route selection process in a network scenario where you must support multiple connections
- Describe how to successfully connect the customer network to the Internet in a network scenario in which multiple connections must be implemented
- Describe how to configure the service provider network to behave as a transit AS in a typical implementation with multiple BGP connections to other autonomous systems
- Enable route reflection as possible solution to BGP scaling issues in a typical service provider network with multiple BGP connections to other autonomous systems
- Describe the available BGP tools and features to optimize the scalability of the BGP routing protocol in a typical BGP network

Learning Path Prerequisites

There are no prerequisites for this training. However, the knowledge and skills you are recommended to have before attending this training are found in the follow Cisco Learning Offerings:

- Intermediate to advanced knowledge of Cisco IOS Software configuration
- Configuring and troubleshooting RIP, EIGRP, OSPF and IS-IS

These skills can be found in the following Cisco Learning Offerings:

- Implementing and Administering Cisco Solutions (CCNA)
- Implementing Cisco Advanced Routing and Services (ENARSI)
- Implementing and Operating Cisco Service Provider Core Technologies (SPCOR)

COURSE OUTLINE

- BGP Transit Autonomous Systems

- Route Selection Using Policy Controls

- Route Selection Using Attributes

- Customer to Provider Connectivity with BGP

- Scaling Service Provider Networks

- Optimizing BGP Scalability

Course Schedule

Date	Time	Price	Options
07/27/2026	09:00 AM - 05:00 PM CT	3,995.00	Buy Now Enroll

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What is your late policy?

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What happens when I finish my class?

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