

# BGP

## Configuring BGP on Cisco Routers



**Associated Certifications:** CCIP

The Configuring BGP on Cisco Routers (BGP) v3.2 course provides students with in-depth knowledge of BGP, the routing protocol that is one of the underlying foundations of the Internet and new-world technologies such as Multiprotocol Label Switching (MPLS). This curriculum covers the theory of BGP, configuration of BGP on Cisco IOS routers, detailed troubleshooting information and hands-on exercises that provide students with the skills needed to configure and troubleshoot BGP networks in customer environments. Different service solutions in the curriculum cover BGP network design issues and usage rules for various BGP features preparing students to design and implement efficient, optimal and trouble free BGP networks.

### Course Contents

- BGP Overview
- 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

Detailed Table of Content

### Knowledge Prerequisites

ROUTE - Implementing Cisco IP Routing



### Reservation and Registration

We will be glad to make a free and non-binding course reservation for you for the duration of two weeks. On [www.experteach-benelux.com](http://www.experteach-benelux.com) under *Registration*, you can conveniently make course reservations, registrations, and hotel reservations. Alternatively, call us under +31 (0)76 52 32 950.

For closed groups of participants, we can modify the course contents according to your requirements. Do not hesitate to contact us!



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**5 days** €2,350 exclusive of V.A.T.

#### Course date (dd.mm.yy)/Location

30.08.-01.09.10	Breda	01.11.-05.11.10	Utrecht
11.10.-15.10.10	Breda	13.12.-17.12.10	Brussels

Up-to-date information: [www.experteach-benelux.com](http://www.experteach-benelux.com) BGPC



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**Module 1:** BGP Overview

**Module 2:** BGP Transit Autonomous System

**Module 3:** Route Selection Using Policy Controls

**Module 4:** Route Selection Using Attributes

**Module 5:** Customer to Provider Connectivity with BGP

**Module 6:** Scaling Service Provider Networks

**Module 7:** Optimizing BGP Scalability



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Status 19.08.2010