

## BGP - Configuring Border Gateway Protocol on Cisco Routers v3.2

Duration: 5 days

### Overview:

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.

### Target Audience:

System engineers, channel partners/resellers, service providers and customers.

### Pre-requisites:

Completion of Interconnecting Cisco Networking Devices (ICND) or Cisco Certified Networking Associate (CCNA). Completion of Building Scalable Cisco Internetworks (BSCI) or equivalent.

### Course Modules:

1. Module 1: BGP Overview
2. Module 2: BGP Transit Autonomous Systems
3. Module 3: Route Selection Using Policy Controls
4. Module 4: Route Selection Using Attributes
5. Module 5: Customer to Provider Connectivity with BGP
6. Module 6: Scaling Service Provider Networks
7. Module 7: Optimising BGP Scalability