نام دوره : **CCIP BGP**

مدت دوره : **40**

سر فصل های دوره :

Course: BGP

About this Course

The BGP 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.

Prerequisites

☐ Completion of Interconnecting Cisco Networking Devices (ICND2) or Cisco Certified Networking Associate (CCNA)

☐ Completion of Building Scalable Cisco Internetworks (BSCI) or equivalent knowledge

Course Outline / Modules

☐ 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