Building Scalable Cisco Internetworks (BSCI)

Duration: 5 Days

Course Content

This course covers various scalable routing protocols including OSPF, EIGRP, IS-IS and BGP. Also covers various mechanisms for optimizing routing operations in a large internetwork.

Course Outline

- Routing Review
  - Static Routing
  - VLSM Concepts

- EIGRP
  - EIGRP Concepts
  - EIGRP Configuration
  - EIGRP Features

- OSPF
  - Shortest Path First Algorithm
  - OSPF Concepts
  - OSPF on LAN
  - OSPF on NBMA Network
  - OSPF Configuration
  - OSPF Features

- IS-IS
  - IS-IS Concepts
  - IS-IS Configuration

- Route Manipulation
  - Redistribution
  - Multiple Routing Protocol Design
  - Route Filtering

- BGP
  - BGP Terminology
  - BGP Concepts
  - Understand BGP Attributes
  - BGP Configuration