

Cisco 300-101: ROUTE - Implementing Cisco

Structured technical training and certification preparation

A practical, student-friendly outline covering plan And Design, eIGRP Enhanced Interior Gateway Routing Protocol, IPv6, OSPF, and border Gateway Protocol BGP.

MODULES

6

LESSONS

48

FORMAT

Self-paced

Module Breakdown

MODULE 1

Plan And Design

- Introduction
- Review Routing Fundamentals
- Review Route Selection
- Review Switching Versus Routing
- Review IP Subnetting
- Review How To Subnet
- Review IP Address Classes

MODULE 2

EIGRP Enhanced Interior Gateway Routing Protocol

- Plan And Design-Part1
- Plan And Design-Part2
- EIGRP Config
- Configuring RIPng
- Building EIGRP Topology Table
- EIGRP Stub Routing
- EIGRP Summarization
- EIGRP Load Balancing
- Discovering Main EIGRP Configuration
- Implementing EIGRP Through Name Config
- Configure EIGRP Authentication
- Configure Authentication For EIGRP Routes

Module Breakdown (continued)

<p>MODULE 3</p> <p>IPv6</p> <ul style="list-style-type: none">Introduction To IPv6-Part1Introduction To IPv6-Part2IPv6 AddressingBasic IPv6 ConfigurationEIGRP For IPv6Configure And Optimize EIRGP For IPv6	<p>MODULE 4</p> <p>OSPF</p> <ul style="list-style-type: none">Introduction To OSPF-Part1Introduction To OSPF-Part2Introduction To OSPF-Part3Configure OSPFBuilding The Link State DatabaseOSPF Path SelectionOSPF Route SummarizationOSPF Stub AreasImplement OSPFOptimize OSPFOSPF Authentication ConfigurationConfigure OSPFV3Basic Redistribution
<p>MODULE 5</p> <p>Border Gateway Protocol BGP</p> <ul style="list-style-type: none">Introduction To BGPBGP SpecificsBasic BGPBGP Path SelectionConfigure BGP AuthenticationConfigure BGP	<p>MODULE 6</p> <p>Course Review</p> <ul style="list-style-type: none">Configure Basic EIGRPBasic OSPF ConfigurationSummary Of-EIGRP-OSPF-IPv6-BGPConclusion