

Multicats:3 Days



Course Outline :Content

Multicast : IOS, IOS XE and IOS XR

- Introducing IP Multicast
- IP Multicast Benefits and Caveats
- Multicast Sessions
- IP Multicast Model
- Defining Multicast Distribution Trees and Forwarding
- Multicast Distribution Trees
- Multicast Protocols Overview
- Multicast on the LAN
- Mapping Multicast IP Addresses to a MAC Addresses
- Implementing IGMP
- IGMP Snooping
- Populating the Mroute Table
- Introducing the Mroute Table

Intradomain Multicast Routing: IOS, IOS XE and IOS XR

- Introducing the PIM-SM Protocol
- PIM-SM Principles and Operation
- PIM-SM Protocol Mechanics
- Implement PIM-SM
- Implementing PIM-SM Enhancements
- Source Specific Multicast (SSM)
- Bidirectional PIM
- Multicast Source Discovery Protocol
- Identifying Rendezvous Point Distribution Solutions
- RP Distribution Solutions
- Auto-RP
- PIMv2 Bootstrap Router
- Anycast RP