MPLS - Traffic Engineering
(ETH 650)

Instructor-Led Training (ILT)

BROCADE EDUCATION SOLUTIONS

DESCRIPTION:

This course is an in-depth study of deploying MPLS Traffic Engineering designs. It focuses on the features of Brocade's NetIron routers as well as advanced technologies. It covers network design, system configuration and troubleshooting using Brocade NetIron routers.

DURATION:

3 days

FORMAT:

Instructor-led training with hands-on lab exercises

PREREQUISITES:

Working knowledge of:

- *Advanced Switch Router Configuration and Maintenance* course or equivalent knowledge
- *Deploying MPLS* course or equivalent knowledge
- Configuring and troubleshooting the OSPF protocol
- BCNP or equivalent knowledge of L2 switching and L3 IP routing

AUDIENCE:

Customers or Resellers experienced with Brocade MPLS Products. Network technicians with installation, configuration, and troubleshooting experience with Brocade MPLS products. Network Administrators responsible for implementing and managing enterprise and ISP networks. Network device installers and first-line support for a local- to global-sized business environment.

OBJECTIVES:

Upon successful completion of this course, the student should be able to:

- Define and Implement advanced Traffic Engineering (TE) features in MPLS networks.
- Implement advanced RSVP-TE and OSPF-TE features on select Brocade NetIron Routers.
- Design and deploy TE in MPLS networks incorporating redundancy failover, path determination using admin group specifics, and TE Tunnel establishment with bandwidth reservation contention.
- Configure and troubleshoot TE using CLI commands.

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