Deploying MPLS Networks
(ETH 640)

Instructor-Led Training (ILT)

BROCADE EDUCATION SOLUTIONS

DESCRIPTION:

This course is an in-depth study of deploying networks using MPLS. It focuses on features of the Brocade NetIron series of switches and routers including multiple advanced L2 / L3 VPN technologies such as VLL, VPLS, L3 VPN, and Traffic Engineering. It covers network design, system configuration and troubleshooting using the Brocade NetIron Series of switches and routers.

DURATION:

5 days

FORMAT:

Lecture (55%)

Hands-on lab exercises (45%)

PREREQUISITES:

- *Advanced Switch/Router Configuration and Maintenance Training* or equivalent knowledge
- Inter-domain routing protocols
- Exterior domain routing protocols
- BCNE, or equivalent knowledge of L2 switching and L3 IP routing

OBJECTIVES:

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

- Implement advanced designs and configurations in MPLS networks using Brocade switches/routers.
- Implement advanced L2 VPN networks on Brocade Switches / Routers.
- Implement advanced L3 VPN networks on Brocade Switches / Routers.
- Design and apply basic Traffic Engineering in MPLS networks.

AUDIENCE:

Customers or resellers experienced with Brocade Ethernet products. Network technicians with installation, configuration, and troubleshooting experience. 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.

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