MPLS TE 450
Brocade MPLS IMPLEMENTATION

Overview:

This two-day instructor-led training provides students with the knowledge and skills needed to implement MPLS Traffic Engineering using Brocade switches. This advanced course is the second of two classes, and pertains specifically to the Brocade MPLS Traffic Engineering solution being deployed on Brocade switches.

This course provides a significant amount of hands-on experience and discussion to help students become proficient with the features and deployment of MPLS Traffic Engineering. Topics include introduction to Open Shortest Path First- Traffic Engineering (OSPF-TE), Resource Reservation Protocol (RSVP) and features such as Fast Re-route. Advanced topics include administrative groups, LSP primary/ Secondary path selection, OSPF and BGP shortcuts and troubleshooting. Students perform switch management using Telnet and Console CLI commands.

DELIVERY & REQUIREMENTS:

Delivery will either be instructor led in a traditional classroom setting, or instructor led web based delivery in our virtual classroom. Participants will require pc/laptop and internet connectivity suitable for a virtual classroom.

PREREQUISITES:

Brocade Layer 2 switching and Layer 3 routing content covered in Brocade Certified Network Engineer (BCNE) Training (CNE 200) or Basic Switch/ Router Configuration and Management (ETH 103), or equivalent knowledge.
Advanced Brocade switching/routing and IGP content covered in Brocade Certified Network Professional (BCNP) Training (CNP 300) or Advanced Switching/Routing Configuration and Management (ETH 405), or equivalent knowledge.
BGP content covered in BGP Training (BGP 400), or equivalent knowledge.

Network Synergy are the Brocade Authorised Training Partner for Australia and New Zealand.

Objectives

Describe Traffic Engineering concepts and purpose.
Describe Constrained Based Routing CSPF.
Describe OSPF-TE and its function.
Configure, verify, administer, OSPF-TE and perform CSPF calculations.
Apply administrative-groups and bandwidth parameters to MPLS enabled interfaces.
Describe Resource Reservation Protocol (RSVP) and its function.
Install, configure, and verify functionality of RSVP on a Brocade switch.
Configure Signaled LSPs and its attributes.
Configure strict primary/secondary LSP paths.
Configure LSPs and assign to Layer 2 services.
Verify and troubleshoot OSPF-TE and RSVP.
Describe Traffic Engineering best practices.
Describe and deploy LSPs as OSPF and BGP shortcuts.
Describe and deploy Fast Re-route on Brocade switches.

Upcoming courses:

You can find our schedules on our website at www.networksynergy.com.au/training/scheduledates.html

Contact Details:

To secure your place please register at training@networksynergy.com.au

For Additional Information
http://www.networksynergy.com.au/training

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