

Implementing Cisco MPLS Traffic Engineering & Other Features v2.0

MPLST



Delivery Type: Classroom

Duration: 2 days

Overview

This course will enable customers to gather information from the technology basics to some of the more updated features and functions such as Traffic Engineering. The focus of the course is on the implementation of Traffic Engineering on an existing MPLS network. Customized training is available to emphasize the specific requirements of the customer's network and business demands. The course is delivered in a balance of lectures and hands-on labs

Target Audience

The Implementing Cisco MPLS Traffic Engineering and Other Features (MPLST) course is recommended training for individuals seeking MPLS Traffic Engineering knowledge and skills.

Pre-Requisites

- ✓ Delegates are required to meet the following prerequisites:
- ✓ CCNA or equivalent knowledge
- ✓ BSCI - Building Scaleable Cisco Internetworks course
- ✓ BGP - Configuring BGP on Cisco Routers Course
- ✓ QoS - Implementing Cisco Quality of Service

- ✓ MPLS - Implementing MPLS
- ✓ or have equivalent knowledge.
- ✓ Practical experience with deploying and operating networks based
- ✓ on Cisco IOS and network devices is strongly recommended

Certification

Recommended as preparation for exam: TBA

Objectives

At the end of the course delegates will be able to;-

- Identify MPLS's peer-to-peer architecture and explain label allocation, routing update distribution and packet forwarding model in this architecture
- Identify the MPLS Traffic Engineering architecture and explain how MPLS implements traffic engineering, establishes the constraint-based path and assigning traffic to traffic trunks.
- Configure, monitor, and troubleshoot MPLS Traffic Engineering.

The implementation of QoS on an MPLS network, including the use of Traffic Engineering tunnels reserving bandwidth from a "sub-pool".