

Part 1

Monitoring an MPLS Network

This part describes how to configure an example network with Multiprotocol Label Switching (MPLS), verify the correct configuration of both MPLS and the Resource Reservation Protocol (RSVP), and display the status and statistics of MPLS running on all routers in the network.

This part also includes the operational mode commands and steps you use in determining status and statistics information useful in diagnosing problem situations, determining whether RSVP path messages are being sent and received, and verifying the availability and valid use of a label-switched path (LSP) in the network. The information is covered in the following chapters:

- Configuring MPLS on a Network on page 3
- Checking the MPLS and RSVP Configuration on page 45
- Determining the LSP State on page 59
- Verifying RSVP Signal Processing on page 69
- Verifying LSP Use on page 77

