

Quiz on MPLS & TE

5 Marks total

Name: _____

1. [3 marks] Clearly identify at least 3 uses for MPLS in a Service Provider's network. Note: LDP-over-RSVP is covered in the question below, so is not an acceptable answer for this question.

IGP shortcuts (LDP, RSVP)
full-mesh tunnels for a BGP-free core
6PE: IPv6 over an IPv4-only core

2. [2 marks] LDP-over-RSVP requires proper configuration of both LDP and RSVP. Clearly identify the key requirements for connectivity (including the endpoints) for:

A. RSVP

- LSPs between area ABRs using full TE
- All routers within all areas should be configured for RSVP

B. LDP

- T-LDP (not link LDP)
- must be configured between OSPF ABRs only

Where appropriate, does your answer include:

- what kind of session(s) is/are required for each protocol?
- which routers need to be configured with the protocol?