

Quiz on MPLS Resilience

6 Marks total

Name: _____

1. [1 mark; all-or-nothing] What are the three (3) components of overall failure recovery time?

detection, propagation, redirection/recovery

2. [3 marks] For the default settings in Nokia's SR-OS for secondary LSPs:

- Which type of secondary is preferred over the other, non-standby or standby?
Standby is preferred over non-standby
- What's the selection rule/mechanism for choosing between non-standby LSPs?
First listed in the config
- What's the selection rule/mechanism for choosing between standby LSPs?
Longest uptime

3. [1 mark; all or nothing] FRR has two modes of protection and two types of protection. Name both protections for either the mode or the type of protection.

Types are: Link and Node

Modes are: one-to-one = detour tunnel; Facility backup = bypass tunnel

4. [1 mark] The goal of FRR is very quick recovery. Exactly how quickly can it recover?

Maximum of 50 msec after failure detection