

Quiz on Service Components

8 Marks total

Name: _____

1. [3 marks] Clearly identify the meaning of:
(i) locally significant vs (ii) globally significant vs (iii) point-to-point significant
in terms of where do identifiers (numbers) have to match?

Locally significant: identifiers do **not** have to match on any other router.

Globally significant: identifiers (should) match on every router.

Point-to-Point significant: identifiers must match between a pair of routers
e.g. VC-ID at two "ends" of a service

2. [3 marks] The slides we've covered in SA modules 1 & 3 go into detail on the operation and configuration of three "components" that are woven together to create a service. Clearly **identify the three components** (and don't confuse service components with underlying MPLS stuff!)

1. SAPs

2. SDPs

3. customer(s)

3. [2 marks] Clearly identify the difference between a local service and a distributed service. (Note that there are multiple ways of explaining/identifying the difference.)

Local: all customer-facing SAPs (2 or more) for the service are on a single router, and there are no SDPs

Distributed: the service has SDP(s) (at least 1, or more) between routers and SAPs for that service appear on at least 2 (or more) routers

4A. [0 marks] Yes/No: Would you recommend repeating the field trip next year?

4B. [0 marks] On a scale of 1-10, how would you rate yesterday's field trip?