S-BFD Use Cases
draft-ietf-bfd-seamless-use-case

Presenter
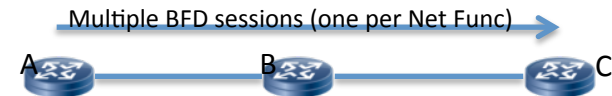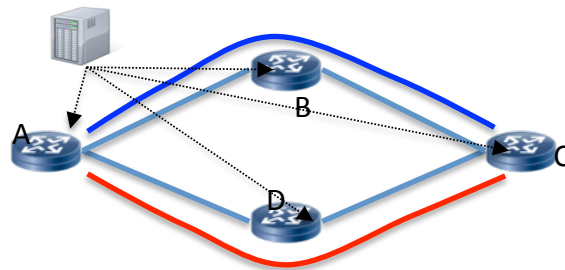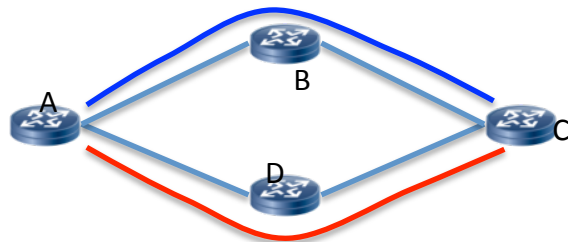
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Do we need new BFD?

- What are present challenges?
- What could New BFD solve?
- Questions

BFD challenges

- Uni-directional continuity tests are sub-optimal (3.1)
- Slowness in continuity test completion (3.2)
- SDN and other network types (3.3, 3.4)
- Resource efficiency & initiator flexibility (3.5, 3.8, 3.9)
- Continuity tests to wider range of entities (3.6)
- Fault isolation (3.7)

Use cases

- Unidirectional static path verification

- Verification Prior to traffic switching

- Centralized TE

- Virtual Network Functions

New BFD –> S-BFD

What is S-BFD?

- ➤ Seamless BFD
- ➤ Segment BFD
- ➤ Single BFD
- ➤ Simple BFD
- ➤ Some BFD
- ➤ Sexy BFD

Questions!