Realizing Network Slices in IP/MPLS Networks

draft-bestbar-teas-ns-packet-03

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IETF-111, July 2021, Virtual

Agenda

- Updates

- Next steps

Updates

- New co-author has joined

  - Reza Rokui (Nokia)

- Received positive reviews/feedback from several WG participants

  - Zafar Ali (Cisco) will be joining the draft

- Meetings with editor of [I-D.ietf-teas-ietf-network-slices]

- Meetings with authors of [I-D.ietf-teas-enhanced-vpn]

- Updates to I-Ds:
  [I-D.bestbar-teas-ns-packet]
  [I-D.bestbar-teas-yang-slice-policy]

Meetings with editor of [I-D.ietf-teas-ietf-network-slices]

- Discussed and produced a common set of procedures for the workflow between the different components to realize IETF network slice service

- Next step is to either reference the common procedures if incorporated into [I-D.ietf-teas-ietf-network-slices] or directly incorporate into our document [I-D.bestbar-teas-ns-packet]

Meetings with authors of [I-D.ietf-teas-enhanced-vpn]

- Discussions on alignment of goals for VTN and Slice Aggregates when used to realize IETF network slices
- Agreed on the need for a "new term" for the aggregate construct to be used when realizing IETF network slices
  - Proposal is to have it defined in [I-D.ietf-teas-ietf-network-slices]
- Both [I-D.ietf-teas-enhanced-vpn-draft] and [I-D.bestbar-teas-ns-packet] drafts to reference the "new term" in [I-D.ietf-teas-ietf-network-slices] in their solution to realize IETF network slices
- Common protocol extensions and YANG data models will refer to the "new term"
  - Both [I-D.ietf-teas-enhanced-vpn-draft] and [I-D.bestbar-teas-ns-packet] and other relevant drafts to reference the same protocol extensions and YANG data models as needed

Updates to [I-D.bestbar-teas-yang-slice-policy]

- New data node for LSP `forwarding label` inferred Slice Selector
- Topology filters:
  - Wider applicability to other applications
  - Moved to new module in a separate document [I-D.bestbar-teas-yang-topology-filter]

- 'member-topologies' data node in the slice policy YANG data model references topology-filters defined in [I-D.bestbar-teas-yang-topology-filter]

Next Steps

- The authors would like to re-iterate that the document is ready for WG adoption

- We welcome further review and feedback from the WG