LSVR
(Link State Vector Routing)

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Victor Kuarsingsh

Interim Meeting, 8 May 2018
Webex
Administrivia

- Chairs:
  - Gunter Van de Velde
  - Victor Kuarsingh
- Jabber Scribe:
  - n/a (Webex/Interim)
- Minutes:
  - Will be shared
- Note Well.
- Agenda Bashing.
Note Well

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Agenda

- Administrivia and agenda bashing (5 min)
  - Chairs

- State of LSVR (15 min)
  - Update on the current progress (Chairs)

- Shortest Path Routing Extensions for BGP Protocol (30 min)
  - (draft-ietf-lsvr-bgp-spf-01) (Keyur)

- Usage and Applicability of Link State Vector Routing in Data Centers (20 min)
  - (draft-keyupate-lsvr-applicability-01) (Acee)

- Discussion: next steps regarding Neighbor and Liveliness detection (15 min)
  - LLDP
  - Link State Over Ethernet (draft-ymbk-lsvr-lsoe)
  - ECP
  - BGP Neighbor Autodiscovery (draft-xu-idr-neighbor-autodiscovery)

- Closing and next steps (Chairs) (5 min)
Next Steps

- IETF101 — first stab at the LSVR deliverables
- Interim #1 This is now!
- IETF102 (July 2018)
- Interim #2
- IETF103 (November 2018)
- Interim #3
- IETF104 (March 2019) — Milestone date
LSVR Milestones

- March 2019
  - Applicability statement for LSVR in DCs
  - LSV distribution using BGP transport
  - LSVR with standard Dijkstra path selection

- July 2019
  - YANG specification for LSVR
LSVR Charter Status

- First LSVR WG document
  - BGP-SPF adopted
  - First version for review released
  - Included much feedback received from WG adoption call

- More substantial applicability draft released
  - Candidate WG adoption

- YANG model still untouched?

- Neighbor discovery and liveliness discussions
  - various options mentioned
  - What are the LSVR requirements?
  - which technology is best fit for LSVR?
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THANK YOU!