

LSVR

(Link State Vector Routing)

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Victor Kuarsingh



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.



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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 liveness discussions
 - various options mentioned
 - What are the LSVR requirements?
 - which technology is best fit for LSVR?

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THANK YOU!