

LSVR

(Link State Vector Routing)

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IETF106
19 November 2019
Singapore

Administrivia

- Chairs:
 - Gunter Van de Velde
 - Victor Kuarsingh
- Jabber Scribe:
 - tbc
- Minutes:
 - tbc
- Note Well
- Agenda Bashing

Note Well

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- BCP 25 (Working Group processes)
- BCP 25 (Anti-Harassment Procedures)
- BCP 54 (Code of Conduct)
- BCP 78 (Copyright)
- BCP 79 (Patents, Participation)
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I E T F

Agenda



1. Welcome & agenda bashing (10 min)
Chairs
2. Update of Shortest Path Routing Extensions for BGP Protocol (15min)
(draft-ietf-lsvr-bgp-spf-06)
by Keyur Patel
3. Update Layer 3 Discovery and Liveness (10 min)
(draft-ietf-lsvr-l3dl-03)
by Randy Bush
4. Update Layer 3 Discovery and Liveness Signing (10 min)
(draft-ymbk-lsvr-l3dl-signing-00)
by Randy Bush
5. Update L3DL Upper Layer Protocol Configuration (10 min)
(draft-ymbk-lsvr-l3dl-ulpc)
by Randy Bush
6. Update LSVR IETF Organizationally Specific TLVs for IEEE Std 802.1AB (LLDP) (20min)
(draft-congdon-lsvr-lldp-tlvs-00)
by Paul Congdon
7. Update LSVR IEEE P802.1ABdh (==LLDPv2) (15min)
(Informational IEEE Liaison work Update)
by Paul Congdon

LSVR WG Status

- LSVR Deliverables seem in good progress
- LSoE has Python3 demo available
 - <https://github.com/Arrcus/lsoe-python>
 - FRR implementation in progress
- LSVR (BGP-SPF) passed WGLC
 - Document ready for further progressing
 - Directorate reviews:
 - RTGDIR: Believed Ready (state in datatracker still “Not Ready” but feedback has been addressed)
 - OPSDIR: Ready
 - Authors submitted new version with WGLC comments submitted
- Some documents appear ready initiate WGLC
 - draft-ietf-lsvr-applicability-04

LSVR WG Status

- LSVR WG is seeing increased L3DL development
 - Additional L3DL features proposed (security, automation, services)
 - Initial L3DL properties beyond classic LLDPv1
 - MTU size,
 - Fragmentation and reassembly – i.e. the ability to carry TLVs in more than one PDU
 - Push model – ability to send information fast and when necessary as opposed to every 30” only
 - Rapid recovery in case of failures, “graceful restart”
- IEEE is progressing with LLDPv2
 - LLDPv1 behavior extended with required properties needed for LSVR
 - New LSVR tailored TLVs and protocol behavior introduced
 - Informational IEEE liaison update: IETF105 & IETF106



THANK YOU!