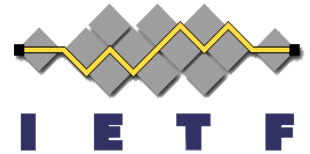


LSVR

(Link State Vector Routing)

Gunter Van de Velde
Victor Kuarsingh



IETF104
28 March 2019
Prague, Czech Republic

Administrivia

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

Note Well

Note Well

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- Any IETF working group or portion thereof
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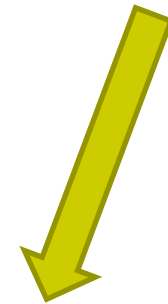
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Next Steps

- ~~IETF101 – first stab at the LSVR deliverables~~
- ~~Interim #1~~
- ~~IETF102 (July2018)~~
- ~~Interim #2 (Oct2018)~~
- ~~IETF103 (November 2018)~~
- ~~Interim #3~~
- IETF104 (March 2019) – Milestone date

We are here



Agenda

- Administrivia and agenda bashing (10 min)
 - Chairs
- Call to action (5min)
 - YANG work is MIA
 - Chairs
- Update of draft-ietf-lsvr-lsoe-01 (15min)
 - Randy Bush
- Update of LSoE Based PE-CE Control Plane for EVPN (15min)
 - Neeraj Malhotra
- IEEE-IETF Liaison response: IEEE 802.1 WG LLDPv2 proposals proposal update (15min)
 - Paul Congdon
- Update of draft-ietf-lsvr-bgp-spf-04 (15min)
 - Acee/Keyur
- Closing and next steps (Chairs) (5 min)

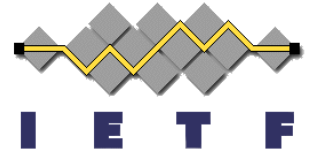
LSVR Milestones

- March 2019
 - Applicability statement for LSVR in DCs **Adopted**
 - LSV distribution using BGP transport **Adopted**
 - LSVR with standard Dijkstra path selection **Adopted**
- July 2019
 - YANG specification for LSVR
- **New**
 - **December 2018: LSoE adopted as WG item**

LSVR WG Status

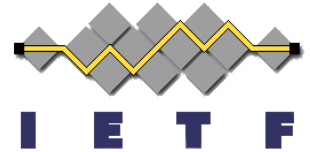
- WGLC opened for BGP SPF
 - WGLC 3-17 December 2018
 - Status:
 - WG feedback received and draft send back to WG
 - Update on progress to be provided today
- LSVR WG activity
 - Its rather silent, please provide feedback and reviews
- LSoE Activity
 - WG Adoption call during 3-17 December 2018
 - LSoE adopted on 24 December 2018

IEEE 802.1 Liaison about LSoE

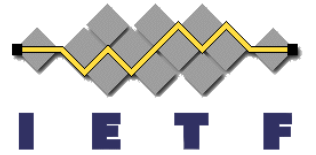


- Liaison from LSVR to IEEE 802.1
 - Date: 2019-10-01
 - <https://datatracker.ietf.org/liaison/1621/>
- Liaison response IEEE802.1 to LSVR
 - Date: 2019-03-14
 - <http://www.ieee802.org/1/files/public/docs2019/liaison-response-IETF-LSVR-Link-State-over-Ethernet-0319-v01.pdf>
 - (not on IETF page yet – no formal response received by IETF yet)

IEEE 802.1 Liaison about LSoE (Cont.)



- 10 November 2018
 - LSoE presented on November 10th IEEE802/IETF Workshop on Data Center Networks
 - <https://mentor.ieee.org/802.1/dcn/18/1-18-0083-00-ICne-minutes-of-ieee802-ietf-workshop-on-dcns.pdf>
- LLDPv2 development proposal was triggered
- LLDPv2 first draft concept presented in IEEE January Interim
- LLDP is widely deployed L2 discovery protocol
- IEEE believe it is undesirable for the industry to have multiple discovery protocols
- LLDPv2 intend to address LSVR protocol needs
- Informational update of LLDPv2 scheduled at LSVR WG meeting @IETF104



THANK YOU!