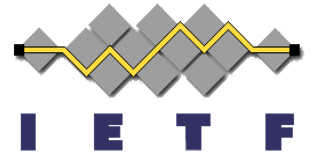


LSVR

(Link State Vector Routing)

Gunter Van de Velde
Victor Kuarsingh



IETF 102, 18 July 2018
Montreal

Administrivia

- Chairs:
 - Gunter Van de Velde
 - Victor Kuarsingh
- Jabber Scribe:
 - lsvr@ietf.jabber.org
- Minutes:
 - <http://tools.ietf.org/wg/lsvr/minutes>
- Note Well.
- Blue Sheets.
- Agenda Bashing.

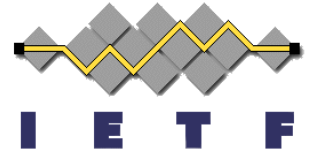
Note Well

This is a reminder of IETF policies in effect on various topics such as patents or code of conduct. It is only meant to point you in the right direction. Exceptions may apply. The IETF's patent policy and the definition of an IETF "contribution" and "participation" are set forth in BCP 79; please read it carefully.

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- ♦ As a participant or attendee, you agree to work respectfully with other participants; please contact the ombudsteam (<https://www.ietf.org/contact/ombudsteam/>) if you have questions or concerns about this.

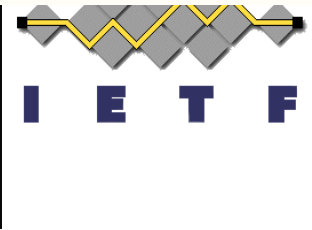
Definitive information is in the documents listed below and other IETF BCPs. For advice, please talk to WG chairs or ADs:



Blue Sheets

- Please fill these in
- The secretariat makes grumpy-face if we don't.

Agenda



- Chairs administrivia and agenda bashing (
 - Chairs, 5 min
- Review of June Interim Meeting
 - Jacob Uecker, 15 min
- Usage and Applicability of Link State Vector Routing in Data Centers
 - draft-keyupate-lsvr-applicability-02
 - Keyur Patel, 35 min
- Shortest Path Routing Extensions for BGP Protocol
 - draft-ietf-lsvr-bgp-spf-01
 - Acee Lindem, 35 min
- Neighbor and Liveness Requirements Discussion
 - Randy Bush, 30 min
- BGP Neighbor Auto-discovery
 - draft-xu-idr-neighbor-autodiscovery-08
 - Ketan Talaulikar, 10min
- Link State Over Ethernet
 - draft-ymbk-lsvr-lsoe-01
 - Randy Bush, 10 min
- Closing and next steps (Chairs) (10 min)

LSVR Charter review

- LSVR is chartered to deliver following documents
 - Specification document describing LSV with standard Dijkstra SPF route/path selection (calculation) utilizing existing BGP protocol baseline functionality and BGP-LS packet encoding formats
 - Specification documenting protocol extensions required to efficiently reuse BGP to distribute LSVs within an IPv4/IPv6 DC with scope to include privacy and security considerations
 - The impact of these extensions to the security properties of BGP will be studied and documented
 - New attack vectors will be explored and documented
 - Mitigations to any new attack vectors identified will be discussed and documented
 - Applicability Statement for the use of LSVR in the Datacenter
 - YANG model specification for LSVR management

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**