LSVR
(Link State Vector Routing)

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Administrivia

- Chairs:
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- Jabber Scribe:
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- Minutes:
  - http://tools.ietf.org/wg/lsvr/minutes
- Note Well.
- Blue Sheets.
- Agenda Bashing.
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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 (Keyur Patel, 35 min)
- Shortest Path Routing Extensions for BGP Protocol (Acee Lindem, 35 min)
- Neighbor and Liveness Requirements Discussion (Randy Bush, 30 min)
- BGP Neighbor Auto-discovery (Ketan Talaulikar, 10 min)
- Link State Over Ethernet (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