Administrivia

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

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

We are here
Agenda

- Administrivia and agenda bashing (10 min)
  - Chairs
- LSVR Milestones (5 minutes) - Chairs
  - Eta July 2019
- Highlights of the LSVR Interim (15 min) – Jacob Uecker
- Update of draft-ymbk-lsoe-02 (15 min) – Randy Bush
- LSoE next steps (15 min) – Chairs
- Update of LSVR applicability draft (15 min) – Acee Lindem
- Update of draft-ietf-lsvr-bgp-spf-03 (30min) – Keyur Patel
- Closing and next steps (Chairs) (5 min)
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
LSoE Next Steps (1)

Autodiscovery

- Evident interest in this topic from many WG participants
- No chartered WG work item
- Related work in LSVR, led to request from Area Director (Alvaro) to try to focus the WG’s direction
  - "If the IETF is going to work on a discovery, can’t we please just work on one approach?"
LSoE Next Steps (2)

Proposals (that jgs is aware of)

- draft-ymbk-lsvr-lsoe-02
- draft-acee-idr-lldp-peer-discovery-03
- draft-heitz-idr-msdc-fabric-autoconf-00
- draft-xu-idr-neighbor-autodiscovery-10
- draft-raszuk-idr-bgp-auto-session-setup-00
LSoE Next Steps (3)

Similarities, Differences

• Completely centralized? (heitz)
• UDP/IP-based? (xu, raszuk) Non-IP? (acee, ymbk)
• Advertisement/bootstrapping? (acee, ymbk, raszuk) Hello protocol/session maintenance? (xu)
• Minimal/completist? (…)
Towards Requirements

- Only one (almost) common requirement emerges: bootstrap single-hop EBGP
- The union of requirements (implicit or explicit) is quite large, though.
Potential Next Steps

• Does the WG want to charter work on discovery? If so...
  – It seems self-evident we should strive for one solution and not > 1.
  – Is there an obvious starting point as a WG doc?
    • Note1: draft-xu has been previously proposed, didn’t achieve consensus at the time
    • Note2: see supplemental presentation on draft-xu, on Meeting Materials site
  – If not, probable next step is a follow-on interim focused on this topic.
  – Design team approach seems likely given the number of (non-converging) proposals.
LSoE Next Steps (6)

In the mean time...

• LSoE is a proposal in LSVR, not IDR
  – It does not – directly – provide BGP discovery
  – However, it provides similar hooks to LLDP

• Request from AD was approximately for IDR to either ratify this approach, or reject it
  – We have not done either
  – Chair’s recommendation to AD/LSVR was to proceed ahead with LSoE adoption request in LSVR – but know that IDR may *not* use it
THANK YOU!