

Layer 3 VPN(L3VPN) Service Model (L3SM)

IETF 93,Wednesday July 22,2015 15:50

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Administrivia

- Charter:
<http://datatracker.ietf.org/wg/l3sm/charter/>
- Mailing List:
<https://www.ietf.org/mailman/listinfo/l3sm>
- Minutes Taker: Sue Hares (thanks!)
- Jabber Scribe: ?
- Blue Sheets

Agenda

- 1. Administrivia and Agenda Bash - Chairs (5 minutes : 5/90)
- 2. Reminder of Purpose and Focus of L3SM - Chairs (5 minutes : 10/90)
- 3. draft-ietf-l3sm-l3vpn-service-model - Authors (50 minutes : 60/90)
 - Introduction and Overview
 - Discussion of Issues
- 4. Any other business (30 minutes : 90/90)

Milestones and document status

- Milestone
 - Jan 2016 L3VPN Service (YANG) Model to the IESG for publication as Proposed Standard RFC
- Document status
 - Initial version of I-D by 4 operators before Dallas
 - Two revisions issued
 - New WG document
 - draft-ietf-l3sm-l3vpn-service-model-00

Purpose and Focus of L3SM

- The purpose of L3VPN service model
 - evaluate this set of YANG models that have already been developed or are under development,
 - help identify any missing models or details
 - mapped into inputs used by the protocol models
- The L3SM WG is tasked to create a YANG data model that
 - consider draft-l3vpn-service-yang as a starting point.
 - describes a L3VPN service (a L3VPN service model)
 - used for communication between customers and network operators
 - provide input to automated control and configuration applications.

Purpose and Focus of L3SM

- Specific to L3VPN but could be generic to apply to other service.
- Limited to Provider provision PE based L3VPN, may be extended to CE based L3VPN or VPLS based L2VPN or VPW based L2VPN
- L3VPN service model is not an L3VPN configuration model
 - Not code implemented in the Network element
 - Rely on Service orchestrator to map service parameter to input parameter of protocol configuration.

L3SM is not a Configuration Model

