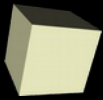# L3VPN Working Group

IETF90 – Toronto
July 23th 2014
15:10-18:40

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- Please fill-in the **blue** sheets
  pass them on,
 and return them to the chairs.

- Thank you !

- ## Since last IETF…
  - ◆ RFC7246 published (VRF mLDP in-band signaling)
  - ◆ 4 drafts recently adopted :
    - ➔ draft-ietf-l3vpn-mvpn-global-table-mcast
    - ➔ draft-ietf-l3vpn-mvpn-bidir-ingress-replication
    - ➔ draft-ietf-l3vpn-pmsi-registry (see next slide)
    - ➔ draft-…-l3vpn-orf-covering-prefixes (pending)

- ## Recent working group last calls:
  - ◆ draft-ietf-l3vpn-mvpn-bidir (but… see following slide)
  - ◆ draft-ietf-l3vpn-end-system (but… see following slide)
  - ◆ draft-ietf-l3vpn-acceptown-community
    - ➔ (waiting for shepherd write-up)
  - ◆ draft-ietf-l3vpn-mvpn-mldp-nlri
  - ◆ draft-ietf-l3vpn-pmsi-registry (see following slide)
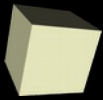
- **Active drafts**
  - draft-ietf-l3vpn-mvpn-extranet:
    - → WGLC planned for end of August
  - draft-ietf-l3vpn-mvpn-bidir-ingress-replication
    - → recently adopted, but considered by authors as ready for a WG last call
  - draft-ietf-l3vpn-mvpn-mib / draft-ietf-l3vpn-l2l3-vpn-mcast-mib
    - → (expired / need a refresh)
  - draft-ietf-l3vpn-mvpn-pe-ce
 - draft-ietf-l3vpn-virtual-subnet
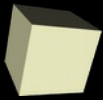
Short

- Short and straightforward to create an IANA registry for RFC6514 PMSI Tunnel Attribute types

- Quickly written and reviewed to accelerate the progress of draft-ietf-mpls-seamless-mcast
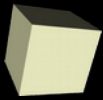
- Draft has been adopted in 2011
- Draft went through WG last call two months ago
- We later asked about IPR disclosure having been made
  - (when we noticed that it had not been done at adoption time, back in 2011)
- Ice Wijnands notified us July 3rd about not yet disclosed IPR that ought to have been disclosed earlier as per rules in BCP79
- The document will have to go back to the WG to offer the opportunity for people to comment

- Take away: please read the Note Well, **and** take action to conform.   We will ask to you, authors, to confirm that IPR has been properly disclosed, but <u>you are expected to act before we ask</u>.
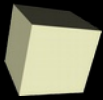
- Draft went through WG last call a few month ago

- Specifications have a normative dependency on specifications for XMPP publish/subscribe "collection nodes" (XEP-0248 of the XMPP Standard Foundation)

- We noticed during shepherd review that XEP-0248 status is "Deferred", and learned with XMPP standard foundation folks, that XEP-0248 is "nowhere near ready to serve as a normative reference"

- Authors confirmed the feasibility to rewrite the specs to rely instead on XEP-0060 (XMPP base publish/subscribe specifications)

- The draft is back to the working group and waiting for this update

- **<u>Current</u>** list of active drafts (10):
  - draft-ietf-l3vpn-mvpn-extranet:
    - ➜ WGLC planned for end of August
  - draft-ietf-l3vpn-mvpn-bidir-ingress-replication
    - ➜ recently adopted, considered ready for a WG last call
  - draft-ietf-l3vpn-mvpn-mib / draft-ietf-l3vpn-l2l3-vpn-mcast-mib
    - ➜ (expired / need a refresh)
  - draft-ietf-l3vpn-mvpn-pe-ce
  - draft-ietf-l3vpn-virtual-subnet
  - **(back) <u>draft-ietf-l3vpn-end-system</u>**
  - **(back) <u>draft-ietf-l3vpn-mvpn-bidir</u>**
  - (new) <u>draft-ietf-l3vpn-mvpn-global-table-mcast</u>
  - (new) <u>draft-ietf-l3vpn-mvpn-bidir-ingress-replication</u>
  - (soon) <u>draft-ietf-l3vpn-orf-covering-prefixes</u>

- Milestones : need to be updated
- datatracker.ietf.org/wg/l3vpn/charter
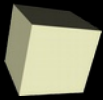
- **WG status** - co-chairs, 10 min
- **Label sharing for Fast PE Protection** - Mingui, 15 min
  draft-zhang-l3vpn-label-sharing-02
- **Multicast VPN ingress replication** - Eric, 15min
  draft-rosen-l3vpn-ir-01
- **Virtual subnet FIB reduction** - Xiaohu, 10min
  draft-xu-l3vpn-virtual-subnet-fib-reduction-00
- **Inter-AS Option B between NVO3 and BGP/MPLS IP VPN network** - Weigo, 10 min
  draft-hao-l3vpn-inter-nvo3-vpn-00
- **L3VPN service-chaining** - Dhananjaya, 10 min
  draft-rfernando-l3vpn-service-chaining-04
- **Virtual PE** - Luyuan, 10min
  draft-fang-l3vpn-virtual-pe-05
- **L3VPN End-system requirements** - Luyuan, 5 min
  draft-fang-l3vpn-end-system-requirements-03
- **mVPN fast failover** - Bob, 5min
  draft-morin-l3vpn-mvpn-fast-failover-06

Agenda bashing: please bash !