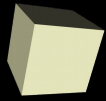




# L3VPN Working Group

IETF88 – Vancouver  
November 7th 2013  
9:00-11:30





- This summary is only meant to point you in the right direction, and doesn't have all the nuances.  
The IETF's IPR Policy is set forth in BCP 79; please read it carefully.
- The brief summary:
  - ◆ **By participating with the IETF, you agree to follow IETF processes**
  - ◆ **If you are aware that a contribution of yours (something you write, say, or discuss in any IETF context) is covered by patents or patent applications, you need to disclose that fact**
  - ◆ **You understand that meetings might be recorded, broadcast, and publicly archived**
- For further information, talk to a chair, ask an Area Director, or review the following:
  - ◆ BCP 9 (on the Internet Standards Process)
  - ◆ BCP 25 (on the Working Group processes)
  - ◆ BCP 78 (on the IETF Trust)
  - ◆ BCP 79 (on Intellectual Property Rights in the IETF)



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



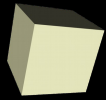


## ■ Since last IETF...

- ◆ 1 new RFC
  - draft-ietf-l3vpn-virtual-hub was published as RFC7024
- ◆ 2 new WG items
  - draft-ietf-l3vpn-mvpn-pe-ce
  - draft-ietf-l3vpn-l2l3-vpn-mcast-mib
- ◆ Working group Last Call:
  - draft-ietf-l3vpn-mldp-vrf-in-band-signaling

## ■ Active drafts

- ◆ draft-ietf-l3vpn-end-system (was revised 2-3 weeks ago)
- ◆ draft-ietf-l3vpn-mvpn-bidir (was recently refreshed, no change)
- ◆ draft-ietf-l3vpn-mvpn-extranet (was revised right after Berlin)
- ◆ draft-ietf-l3vpn-mvpn-mib (revised recently)
- ◆ draft-ietf-l3vpn-mvpn-mldp-nlri (status ?)
- ◆ draft-ietf-l3vpn-acceptown-community (status?)



## ■ Milestones

- ♦ Feb 2013 - Submit specification of virtual Hub-and-Spoke in BGP/MPLS VPNs to IESG as PS
  - (Now published as RFC7024)
- ♦ Mar 2013 - Submit specification for multicast VPN bidir P-tunnels to IESG as PS
- ♦ Jun 2013 - Submit specification of mLDP in-band signaling in a VPN context to IESG as PS
- ♦ Jul 2013 - Submit specification for encoding mLDP FECs in BGP mVPN routes to IESG as PS
- ♦ Jul 2013 - Submit specification of BGP-signaled end-system IP/VPNs to IESG as PS
- ♦ Sep 2013 - Submit specification for extranet support in multicast VPNs to IESG as PS
- ♦ Nov 2013 - Submit specification of the BGP ACCEPT\_OWN Community Attribute to IESG as PS
- ♦ Mar 2014 - Submit specification of a multicast VPN MIB to IESG as PS

## ■ We were a bit optimistic...

## ■ Milestones need to be updated



- **WG status**, co-chairs, 10 min
- **Covering Prefixes Outbound Route Filter**, Ron Bonica, 15 min
- **Global Table Multicast with mVPN**, Eric Rosen, 15min
- **Ingress Replication Tunnels in mVPN**, Eric Rosen, 15min
- **Label Sharing for Fast PE Protection**, Mingui Zhang, 15 min
- ~~**Requirements for End System VPNs**, Maria Napierala, 10 min~~
  - ◆ *(last minute cancelation by presenters)*
- **Virtual Subnet**, Xiaohu Xu, 10 min
- **NVGRE/VXLAN Encap for L3 Overlay**, Lucy Yong, 10 min
- **Instant VPN architecture**, Zhenbin Li, 7 min
- **Virtual PE**, Luyuan Fang, 7 min
- **L3VPN Service Chaining**, Rex Fernando, 10 min
- **L3VPN Datacenter Interconnect**, Luyuan Fang, 7 min
- **Virtual CE**, Nabil Bitar, 7 min

**Agenda bashing: please bash !**