

BGP VPLS Multihoming

Draft-ietf-L2vpn-vpls-multihoming-06

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Updates from version 5

- Terminology Updates
 - General
 - VPLS instance = VPLS Domain
 - VPLS Site = CE site (Single-homed or Multihomed)
 - NLRI
 - VE NLRI
 - Non-zero VE Block Offset, Size and Label base)
 - Unique per VPLS Instance
 - CE NLRI (~~MH NLRI~~)
 - Zero based VE Block Offset, Size and Label base)
 - Unique per CE site (Mhed)

Updates from version 5

- Provisioning Model
 - Simultaneous assignment of both VE and CE IDs per VPLS instance
- Ext. Community bits clarified extensively
 - D-bit
 - VE NLRI (Instance)
 - CE NLRI (All AC links)
 - F-bit
 - VE NLRI (Instance)

Updates from version 5

- MAC Flush Redefined

- Previous

- Explicit flush via MAC list for subset of MAC addresses belonging to a single PE
 - Inference to old Kothari's MAC flush draft for BGP and to RFC 4762 for LDP
 - Implicit flush via BGP Route Withdrawal OR D/F bit signals (On/Off respectively)

- Now

- Removed “explicit flush” and left “implicit flush” as only requirement

WG Request

- Soliciting feedback on previous (ver.4 & ver.5) on RD changes and on backward compatibility section from folks who have had already deployed multi-homing with VPLS non-zero NLRI
 - Section 6.1 in specific
- Soliciting feedback on ver 6 updates
- No Request for the last call in Berlin; pending feedback