Hierarchical VPLS

draft-lasserre-vkompella-ppvpn-vpls-04.txt

Vach Kompella

VPLS Draft Evolution

draft-lasserre-vkompella-ppvpn-vpls-04.txt

Current draft is a result of two years of consensus building within IETF

a) 2001-07: Two almost identical drafts on VPLS produced:
   a) Draft-vkompella-vpsn (Jul01), and
   b) Draft-lasserre-tls (Aug01)
b) 2001-09: Mentioned drafts merged after London IETF
c) 2001-11: HVPLS draft-khandekar-ppvpn-hvpls-00 produced which focused on scale and remote access.
d) 2002-02: VPLS architectures draft-sajassi-vpls-architectures-00 produced that focused on stacked 802.1Q tagged spokes.
e) 2002-03: HVPLS draft merged into VPLS draft-01.txt
f) 2002-05: VPLS architectures draft merged into VPLS draft-02.txt)
g) 2002-07: Communications and liaisons between IETF and **IEEE** begin focused on the partitioning of VPLS and bridging functionality
h) 2002-11: Comments incorporated in VPLS draft-03.txt
i) 2003-02: Other comments and clarifications in VPLS draft-04.txt

Updates from -03 to -04

- Replaced VC type (0x0b) with VC type (0x05): identifying the pseudo-wire behavior
- Aligned terminology with L2VPN Framework
- Cleaned up some descriptions
- Corrected typos
- Expanded Q-in-Q description
- Fixed references

Moving Forward

- We have some sources of "experience with the service"
  - Two live deployments
  - Several trials
  - Interoperability between 6 vendors
  - Two interop events scheduled for later this year

- Request that this draft be a working group document

Questions?