

Guidelines of Applicability Statements for PPVPNs

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Why AS guidelines?

- Assists the development of ASs for each specific PPVPN approach
 - outlines main requirements of PPVPNs
 - applicability and limitations common to some types of VPNs
 - discusses engineering tradeoffs between different types of PPVPNs (not yet done)
 - this doc is a guide : may help providers and users to define applicability scenarios of each PPVPN approach and position against requirements

Status

- Introduced the initial document (00 version) at the London meeting
- quickly published 01 version to meet the SLC deadline, did not deal with most editorial and consistency issues
- (changes on next slide)
- L2 PPVPNs not yet covered
- new version soon after SLC + request for WG document
- design team for AS for L3 VPNs

Changes from 00 version

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- Added description of CE-based PPVPNs (Section 3)
- Extracted outline of general and layer 3 PPVPN requirements (Section 4)
- structure for applicability of L3 PPVPNs : almost completed (section 5)
- progress on limitations for L3 PPVPNs (section 6)

Open issues

- Extract outline of layer 2 PPVPN requirements
 - content from various IDs
 - point-to-point
 - VPLS
 - later, harmonize with results from L2 metro design team
- Fill out applicability and limitations of layer 2 PPVPNs
- Describe engineering tradeoffs between different types of PPVPNs (L2-L3, see framework doc.)
- some words on **services** (deployment scenarios, e.g. intranet, extranet, Internet access, hierarchical VPNs, inter-AS, etc.)
- ‘extent’ of section 4 (outline of requirements)

Possible future steps

- Form a rough consensus to make the guidelines a WG document (after 02 version)
- finalization will be in parallel with progress of AS L3 design team