

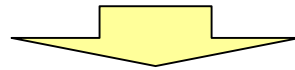
Guidelines of Applicability Statements for PPVPNs

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Why AS guidelines?

- Assists the development of ASs for each specific PPVPN approach
 - Outlines main requirements of PPVPNs for discussing applicability and limitations
 - Provides common frame, which is applicable to all specific AS documents
 - Shows applicability and limitations common to some types of PPVPNs
 - Provides pointers to specific AS documents
 - Discusses engineering tradeoffs between different types of PPVPNs



- Leads to smooth development of ASs for each specific PPVPN approach

Outline of the AS guidelines

- Introduction
 - What is this guidelines document?
 - Terminology
 - Scope and organization of this guidelines, and scope expected in each approach-specific AS document
- PPVPN technical overview
- Outline of requirements for PPVPNs
 - General requirements
 - Requirements specifically for Layer 3 VPNs
 - Requirements specifically for Layer 2 VPNs
- Applicability
 - Applicability description of identified approaches
- Limitations
 - Description of general limitations of identified approaches
- Security considerations

Status

- An initial document was distributed to ppvpn mailing-list (but we don't intend to discuss it here as not officially submitted as ID) .
- Introduction and PPVPN technical overview are mostly filled out with initial text referring to the framework document.
- Outline of general and layer 3 PPVPN specific requirements are mostly filled out with initial text extracted from the requirement document.
- Applicability and Limitations are not written currently.

Open issues

- Extract outline of layer 2 PPVPN requirements
 - content from various IDs
draft-rosen-ppvnpn-l2vpn-00.txt,
draft-kb-ppvnpn-l2vpn-motiv-00.txt
draft-tsenevir-l2-req-01.txt,
draft-ouldbrahim-ethernet-l2vpn-requirements-00.txt,
draft-heron-ppvnpn-vpsn-reqmts-00.txt
draft-ietf-ppvnpn-requirements-02.txt
 - later, results from L2 metro design team work
- Clarify what are common applicability and limitations to some identified types of PPVPNs
- Provides basis to develop applicability and limitations to each PPVPN approach
- Provides descriptions of engineering tradeoffs between different types of PPVPNs

Possible future steps

- More work to complete contents will be needed
 - Reflect comments to be received from ppvpn mailing-list
 - Officially submit the guidelines to IETF as ID
 - Form a rough consensus to make the guidelines a WG document
- ✧ We hope the guidelines may help development of AS documents for each specific PPVPN approach
- ✧ Anyway, work on approach-specific ASs should be started soon without waiting for the guidelines document completion