

Service Requirements for Provider Provisioned Virtual Private Networks (PPVPN)

draft-ietf-ppvpn-requirements-02.txt

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Changes From Version 0

- Augmented Definitions
- Aligned some definitions with framework
- Split out Network Management Requirements as a separate section
- Removed much solution-specific text
- Filling in gaps and addressed OPEN ISSUES
- Resolved internal inconsistencies
- Reorganized outline and some sections
- Added some additional requirements
 - From reference I-Ds from Minneapolis
 - From service provider comments

Open Issues

- Complete alignment with framework
 - Terminology (e.g., PE-based versus network-based VPN)
 - Minimize Duplication (e.g., reference model, restatement of requirements)
 - Decide on whether CE-based L2 VPN makes sense
- Need more feedback on mailing list
- If agreed to by ppvpn WG, need details on:
 - Ethernet L2 VPN requirements
 - Optical VPN requirements

Future Usage

- Per WG charter, each solution approach should address applicable requirements
- Applicability statements will use requirements as a checklist for each WG-selected approach
- Coordinate requirements document content with PWE3 WG (e.g., “multipoint” versus Ethernet pseudo-wire)
- Depending upon scope decision, could be input to some PWE3 Ethernet pseudo-wire requirements