Layer 3 solution-specific Applicability Statements

L3 PPVPN Applicability Statements Design Team

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Purpose

- To determine how key requirements based on requirements draft, as identified by AS guidelines draft, are satisfied by the various PPVPN solutions.

- May eventually serve as a "checklist" for SPs (and customers) to drive choice of appropriate PPVPN solution to satisfy requirements.

Outline

- AS guidelines draft: draft-ietf-ppvpn-applicability-guidelines-00.txt

- 2547-based solutions AS: draft-ietf-ppvpn-as2547-00.txt

- VR-based solutions AS: draft-nagarajan-ppvpn-vrbased-applicability-01.txt

- CE IPSec-based solutions: draft-declercq-ppvpn-ce-based-as-01.txt
  – to be discussed by Jeremy De Clercq

- Update, open issues, future steps

AS guidelines draft

- draft-sumimoto-ppvpn-applicability-guidelines-02.txt accepted as WG draft in Jun '02

- Re-submitted as draft-ietf-ppvpn-applicability-guidelines-00.txt

- Provides generic guidelines for AS drafts for L3 and L2 PPVPNs, based on key requirements

- Based on recent IESG directions, requirements draft needs further work

  - AS guidelines draft will be affected by these changes

  - next version of AS guidelines draft will reflect updates made in requirements draft.

Three solution-specific AS drafts

- 2547bis-style:
  - draft-rosen-ppvpn-as2547-00.txt at Minneapolis
    - accepted as WG draft - resubmitted as draft-ietf-ppvpn-as2547-00.txt

- VR-based:
  - draft-nagarajan-ppvpn-vrbased-applicability-00.txt at Minneapolis
    - accepted as WG draft - did not make 00 submission deadline as WG draft
  - draft-nagarajan-..-01.txt available
    - to be resubmitted as draft-ietf-ppvpn-asvr-00.txt after meeting

- CE-based IPSec:
  - draft-declercq-ppvpn-ce-based-as-00.txt not yet WG draft
  - 01 version available (will be discussed along with CE solutions draft later)

2547-style and VR-based AS status

- Authors felt that it would be best to organize the AS drafts per draft-rosen-ppvpn-as2547-00
  - eliminate redundancy
  - improve readability
- VR AS -01- version aligned with 2547 AS outline
- More details on scalability, security and QoS aspects have been included
- Management issues need to be completed
- These drafts will also be impacted by extensions in requirements draft
  - more detailed descriptions on applicability of certain requirements (e.g., scalability, security)

Next steps

- Update AS guidelines draft based on revised requirements draft

- Submit VR AS draft as WG draft

- Complete management sections and other minor edits

- Solicit comments on list for further improving the content of AS drafts