

CE-based L3 PPVPNs progress

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history

- draft-ietf-ppvpn-ce-based-00.txt: IETF51, London
 - framework for PP CE-based IPsec VPNs
- evolved into -02.txt
 - detailed comments on the mailing list
 - request for progress into solution document
- IETF 56, San Francisco
 - draft-ietf-ppvpn-ce-based-03.txt: for reference
 - **draft-declercq-ppvpn-ce-based-sol-00.txt:**
 - addresses mailing list comments
 - covers aspects needed for solution

progress

- management responsibility
 - defined by SLA
 - e.g. CE is completely service provider provisioned
 - e.g. CE's routing is customer provisioned according to SP's guidelines
- routing clarification
 - CE operates in two separate (possibly overlapping) routing realms
 - 'door' is tunnelling (intra VPN, inter-site) or firewall (+ NAT) (Internet)
- Internet access
 - how to offer both VPN and Internet access
 - how to prevent from unauthorised Internet access

progress (bis)

- auto-discovery
 - phases
 - establishing secure configuration channel
 - retrieving configuration information
 - updating configuration information upon changes
 - proposal: HTTP-based
 - other protocols are possible: 1 or multiple ?
 - combination of
 - periodic configuration retrieval
 - interaction with IKE-based signalling

future steps

- WG feedback on progress from (accepted) WG draft (see previous slides)
- working group document ?
- if WG likes it: definition of (XML-)objects to be transported by HTTP
- progress of AS-document
- what to do with draft-ietf-ppvpn-ce-based ?