

An Architecture for Provider Provisioned CE-based Virtual Private Networks using IPsec

draft-ietf-ppvpn-ce-based-02.txt

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changes -01.txt => -02.txt

- “framework” => “architecture”
- extend the list required configured parameters
- example approaches for automatic configuration updates
- restrictions in combined use of
 - tunnel mode IPsec vs transport mode over IP-in-IP
 - use of dynamic routing vs use of static routes
 - use of ‘permanent’ vs ‘traffic-triggered’ tunnels
- editorial stuff

issues on mailing list

- more clarity on who manages what on CE
- more clarity on the addressing (management, customer space, SP space)
- more clarity on the CE address and core routing
- issues with combined Internet/VPN access and with restricted VPN access
- for interoperability: decide on the protocol to use for the VPN information distribution
 - more details in example using IKE for auto-discovery
- push/pull model for server-based configuration model

next steps

- discuss mailing list comments and incorporate results
 - decision on protocol for VPN information distribution (WG advise ?)
 - > definition of protocol actions
- turn this into ‘solution draft’ ? or
- solution draft = instantiation of this draft
 - > new draft-name-ppvvpn-ce-based-approach ?
- timeframe: ?

Applicability statement for PP CE-based VPNs using IPsec

draft-declercq-ppvpn-ce-based-as-01.txt

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- changes -00.txt => -01.txt : aligned structure with other applicability statement drafts
- comments on mailing list: closely related to comments on draft-ietf-ppvpn-ce-based-02.txt
 - is the SP != NP case in PPVPN scope ?
 - is mixed customer/provider management of CE realistic
 - discuss scalability of PKI
- planned progress: cannot go faster than solution draft for IPsec CE-based PPVPN

CE Auto-Configuration

draft-lee-ppvpn-ce-autoconfig-01.txt

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- goal: list and discuss set of alternative solutions for ‘auto-discovery’ of VPN endpoints to be used in CE-based PPVPN approaches
- should result in choice of one specific approach
- current draft outline:
 - motivation, overview, service parameters
 - requirements
 - compare candidate protocols
- proposed way forward
 - consensus on requirements
 - define MIB
 - select one candidate protocol