Virtual Subnet Selection Options for DHCPv4 and DHCPv6

draft-ietf-agent-vpn-option-08.txt

Changes from previous version(s)

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What’s new?

• Combined existing DHCPv4 VSS drafts:
  – draft-ietf-dhc-agent-vpn-id-06.txt
  – draft-ietf-dhc-vpn-option-07.txt

• Added DHCPv6 option for same purpose.
Why one draft?

• During review requested at IETF 70, comments indicated that existing drafts:
  – Had small though significant conflicts
  – Were missing information regarding usage
  – Didn’t properly cross-reference each other

• DHCPv6 option draft requested – has same payload as DHCPv4 option, sub-option.
Solution

• One draft instead of two (or three).
• Restructure draft with clear sections on:
  – Relay agent behavior
  – Client behavior
  – Server behavior
• No conflict or reference problems – all information regarding VSS information now in one place.
• Any future update also eased, as three documents don’t have to describe identical payloads.