

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.