

Customizing DHCP Configuration On the basis of Network Topology

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History

1. Adoption call in May 2013
2. draft-ietf-dhc-topo-conf-00 published in Oct. 2013
3. draft-ietf-dhc-topo-conf-01 published in Feb. 2014

The problem

It is not immediately obvious for non-experts how the DHCP server chooses lease pools (subnets) and other configuration options.

Covered topics

- Intended status: BCP => Info
- Covered topics:
 - Using giaddr (v4) to select subnet
 - Using link-addr (v6) to select subnet
 - How interface-id (v6) works
 - How relays work (not necessarily routers)
 - Lightweight DHCPv6 Relay Agent
 - Regional configuration differences
 - Dynamic DNS lookup for option values
- Short draft (8 pages, 2 of them are figures)

Planned changes

- Explain Link Selection suboption (RFC3527)
- Since interface-id is covered, will briefly mention:
 - Remote-id
 - Subscriber-id
- -02 planned in April

Next steps?

Is WG interested in publishing this?



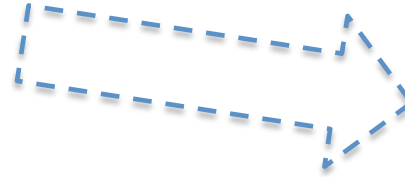
Need volunteers for review



Will not start WGLC until sufficient #
of volunteers publish their comments.



WGLC



Dead WG draft

Thank you