

A Generic IPv6 Address Registration Solution Using DHCPv6

draft-ietf-dhc-addr-registration

IETF 86 DHC WG

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Change details

- Replace the unicast DHCPv6 communication by the standard DHCPv6 client/server communication - send packets to ff02::1:2, the All_DHCP_Relay_Agents_and_Servers multicast address
 - No longer need the address/FQDN in solicitation option
- The solicitation option is only used for informational purposes
 - Used to notify clients that the server can accept registration requests
- Define a new " Addr-registration-request message" message type, that only contains IA_NA option(s) and client-identifier without server-identifier option
- The acknowledgement has been changed to optional
- Define two new DHCPv6 Status codes, the RegistrationNotSupported and RegistrationDenied, to indicate errors

Next steps

- Please send us any comments that you have on the new revision
 - As always, your comments are greatly appreciated
- The authors believe that the document is ready for WGLC