Registering self generated addresses using DHCPv6

draft-ietf-dhc-addr-registration-03

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Changes since -02

- The draft has been completely reworked to comply with wg consensus
  - The scope of the draft has been greatly simplified
    - No more router-router messaging (address registration solicitations)
    - No more inventory uses
- It does exactly one thing
  - It allows hosts with self-generated addresses to register them in DNS using a DHCPv6 server

Changes (continued)

- The mechanism now uses the DHCPv6 FQDN option (RFC4704) along with the IA_NA option to make the binding between the FQDN and one or more IP addresses

  – This results in a DNS update being initiated by the DHCPv6 server and, optionally, the status being returned

    - New status code (RegistrationDenied) defined for failed DNS update

Next steps

- The authors believe that the document is ready for WGLC
  - We could use a few reviews though
- How does the WG feel about draft-asati-dhc-ipv6-autoconfig-address-tracking-00
  - Is there interest in merging in some of the ideas from this draft?