Updates on Draft (OPTION_RADIUS) & Draft (OPTION_PREFIX_POOL) from IETF84

IETF85 – DHC
Nov. 8th, 2012

Ted Lemon  Nominum, Inc
Leaf Y. Yeh  Huawei Technologies
Mohamed Boucadair  France Telecom
Draft (OPTION_RADIUS)
RADIUS Option for DHCPv6 Relay Agents on Broadband Access Server
draft-ietf-dhc-dhcpv6-radius-opt-02/03/04

• Status now: draft-ietf-04
• Updates from IETF84:
  – Meaningful revisions:
    • a. removed the RADIUS attribute of Frame-Pool (88) from the table of section 4, cause it is supposed to belong to IPv4;
    • b. added RFC6519 as a reference in section 1, add the RADIUS attribute of DS-Lite-Tunnel-Name (144) in the table of section 4 ;
    • c. added some text about renew/rebind message in section 3;
  – Fix the editorial comments in the DHC-WG-ML from:
    • Bernie Volz, Gaurav Halwasia after ver.-03;
    • Tomek Mrugalski provided the thorough review in the mailing list before WG adoption;

• Next step:
  – Ready for WGLC
    • The normative references, draft-ietf-radext-ipv6-access-13, has been in the period of IESG LC.
Draft (OPTION_PREFIX_POOL)
Prefix Pool Option for DHCPv6 Relay Agents on Provider Edge Routers
draft-ietf-dhc-dhcpv6-prefix-pool-opt-00/01

• Status now: draft-ietf-01
• Updates from IETF84:
  – Adopted as the WG item in Sep. 2012;
    • Solved all the comments in the ML of [routing-discussion] from Acee Lindem
    • Replied all the comments in the ML of DHC from Ralph Droms, Ole Troan and Alexandru Petrescu
  – Tomek Mrugalski provided the thorough review in the mailing list before WG adoption.
    • Solved roughly all the technical comments, including that on Bulk Leasequery.

• Next steps:
  – Call for the through review in DHC-ML again
  – Discussion:
    • Any real concern on the Prefix Delegation Reconfiguration (DHCPv6 Server-Initiated Configuration Exchange)?
    • (Technical) Create one more query-type for Leasequery: QUERY_BY_Interface_ID, if we believe Interface_ID sounds more popular than Remote_ID?
    • (Editorial) Do we need a separate section in text for Bulk Leasequery based on TCP?
    • (Technical) Need to support Leasequery based on UDP?
Q & A ?!

Thanks!