

Prefix Delegation

draft-kniveton-nemo-prefix-delegation-00

TJ Kniveton, Pascal Thubert
IETF 61 - NEMO Working Group
10 November 2004

Summary of the Draft

- *This is a new draft which describes how to use NEMO signaling for prefix delegation*
- *New protocol elements are defined to carry prefix requests and allow assignment of:*
 - *Transient prefixes, valid for the binding lifetime*
 - *Persistent prefixes, which are “permanently” assigned*

Relation to DHCP methods

- *R. Droms and P. Thubert have a draft on integrating DHCP prefix delegation and NEMO*
- *NEMO has some additional mobility-related attributes that need to be carried in the messages*
- *We thought NEMO-based flow might save traffic*
- *DHCPv6 may or may not be present on NEMO-enabled networks. If so, it can be integrated at the HA for backend signaling*

Status of WG work

- *We want to run this draft by the group for feedback and see if it fulfills requirements for prefix delegation under NEMO*
- *Q: Who has reviewed the draft? Comments?*
- *How should these two be handled? We would like to merge the DHCP work as a method for back-end signaling*
- *Q: Is the WG interested in DHCPv6-only method?*
- *Q: Does it make sense to merge this approach with DHCPv6 as a back end instance for the WG Doc?*