Network-based Local Mobility Management (NetLMM)

IETF68, Prague
Agenda

- Preliminaries and WG Status

- Protocol Draft Specifications
  - Draft: draft-singh-netlmm-protocol
  - Draft: draft-sgundave-mip6-proxymip6

- PMIPv6 Open Issues - Discussion
  - PMIPv6-MIPv6 Interactions
  - IPv6 support
  - IPv4 support
  - MN ID requirements

- Next Steps
WG Status

- Rough consensus to standardize a Proxy Mobile IPv6 solution

- Very rough consensus on terminology
  - LMA, MAG, RHoA, PLCoA

- Consensus call in progress to adopt a WG document
  - draft-singh-netlmm-protocol-02
  - draft-sgundave-mip6-proxymip6-02

- draft-ietf-netlmm-mn-ar-if-01
  - Needs to be updated based on some decisions in PMIPv6
SDO Update

- Liaison letter received from 3gpp2 and WiMAX; request received from 3gpp for standardizing PMIPv6

- All SDO requests treated as input for requirements
  - SDOs encouraged to
    - participate in the WG as individual contributors
    - read and provide comments on both candidate documents
IPR Status

- Third party disclosure

- Disclosures on draft-sgundave-mip6-proxymip6

- Disclosures on draft-singh-netlmm-protocol

- Pending clarity from one company (Qualcomm) quoted in the third party statement
Recap of Agreed Goals

- "No changes to MIP6 Home Agent" is NOT a goal
  - Minimal changes to HA are acceptable
  - Not a limitation in doing the right technical approach

- IPv6 global addressing model is based on a unique prefix-per-MN model

- Protocol MUST comply with the goals and threats documents

- SDO specific optimizations for the protocol are out of scope