

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
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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
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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
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IPR Status

- Third party disclosure
 - <http://www.ietf.org/ietf/IPR/jak-3rd-party-ipr-draft-sgudave-mip6-proxymip6.txt>

 - Disclosures on draft-sgundave-mip6-proxymip6
 - https://datatracker.ietf.org/public/ipr_detail_show.cgi?ipr_id=807
 - https://datatracker.ietf.org/public/ipr_detail_show.cgi?ipr_id=822
 - https://datatracker.ietf.org/public/ipr_detail_show.cgi?ipr_id=756

 - Disclosures on draft-singh-netImm-protocol
 - https://datatracker.ietf.org/public/ipr_detail_show.cgi?ipr_id=816

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

- “No changes to MIPv6 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
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