DSMIPv4 update

George Tsirtsis
tsirtsis@qualcomm.com
DSMIPv4 update

• draft-ietf-mip4-dsmipv4-00.txt published in July.
  – co-authors: George Tsirtsis, Vince Park, Hesham Soliman
• Integrating comments and corrections as well as several clarification.
• Some details on Prefix Delegation are still needed
• Will publish v01 soon.
NEMOv4 extensions
NEMOv4 Issues

• NEMOv4-Base does not support:
  – Dynamic prefix allocation
  – Tunneling of nemo traffic to CoA
FA Support for NEMOv4

• draft-tsirtsis-nemov4-fa-00.txt
  – co-authors: Vince Park, Vidya Narayanan, Kent Leung

• Allows the mobile of FA to request tunneling of NEMO traffic to CoA
  – Removes double tunneling when care-off address mode is used
Dynamic NEMOv4

- draft-tsirtsis-nemov4-dynamic-00.txt
  - co-authors: Vince Park, Vidya Narayanan, Kent Leung

- Allows the mobile to request allocation of a prefix
  - Allows a mobile to send a mobile network request extension (defined in NEMOv4-base) with a prefix field set to “0”.
  - The HA can then allocate a prefix.
Proposal

• Accept the following as WG drafts:
  – draft-tsirtsis-nemov4-fa-00.txt
  – draft-tsirtsis-nemov4-dynamic-00.txt

Thoughts/Comments?