Applicability Statement of NSIS Protocols in Mobile Environments
draft-ietf-nsis-applicability-mobility-signaling-08.txt

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Changes Between -07 and -08

- Section 4 (Basic Operations for Mobility Support) was updated based on comments
  - Message Sequence for basic operation example was updated
    - Tearing direction was fixed
  - CRN discovery operation was updated
    - Description of SII usage was fixed
  - Localized update operation was updated
    - Detailed operations were fixed
Change Requests for -09

• Discussing all scenarios for Basic Operation
  ➢ Not only
    MN is sender, sender-initiated reservation
  But also
    MN is sender, receiver-initiated reservation
    MN is receiver, sender-initiated reservation
    MN is receiver, receiver-initiated reservation

• More discussions are necessary: How QoS NSLP is aware of MN’s handover (in case the MN is data receiver)
  ➢ Trigger from GIST
    - A new GIST API is proposed that includes a new flow information
  ➢ Trigger from application level signaling
  ➢ NOTIFY for the other end
Open Issues (1/3)

• MIP Interaction
  ➢ This section should illustrate how Tunnel I-D is applicable to MIP cases
    - Currently, detailed descriptions for MIPv4/v6 Triangular Route operation is shown
    - Some ML comments suggested repetition of tunneling draft should be avoided
  ➢ Discussion: How does this section should be cleaned up?, Or is it necessary to clean up?
Open Issues (2/3)

• NAT/FW Interaction
  - When MN moves, IP address and routing are changed. In this case, new NAT/FW pinhole need to be opened and old one should be torn.
  - Discussion: When and how should NSIS tear old pinhole? Should it be discussed in Mobility draft?

  - When MN attaches to private network, it may not know whether the NAT is NSIS aware or not.
  - Discussion: Does it mandatory that MN sets S-flag when it detect attaching a private network?
Open Issues (3/3)

- Security Considerations
  - This section still needs to be cleaned up.
  - Discussion: How does this section should be cleaned up?
Schedule

• Until the end of Jan. 2008:
  ➢ Discussing change request and open issues
• Mid. Feb. 2008:
  ➢ Submitting -09
• End. Feb. 2008: (before IETF#71):
  ➢ Discussing WGLC comments