

Applicability Statement of NSIS Protocols in Mobile Environments

draft-ietf-nsis-applicability-mobility-signaling-08.txt

Takako Sanda, Xiaoming Fu, Seong-Ho Jeong,
Jukka Manner and Hannes Tschofenig

IETF#70 in Vancouver

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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