Applicability Statement of NSIS Protocols in Mobile Environments
draft-ietf-nsis-applicability-mobility-signaling-07.txt

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IETF#69 in Chicago
23 Jul. 2007
Changes Between -06 and -07

• Terminology section has been cleaned up
  ➢ “NSPL/NTLP/NSIS CRN” and “Divergent-convergent pair” are removed

• Further Study section has been cleaned up
  ➢ 'Invalid NR problem' are removed from the section because of decision at previous IETF meeting

• Editorial errors are fixed based on ML comments

• Open Issue section is created
  ➢ On-going discussions are listed up
Open Issues (1/4)

- Tearing Direction
  - In Figure 1, RESERVE (T) is sent from CRN towards QNI.
  - However, QoS NSLP I-D says, "RESERVE messages MUST only be sent towards the QNR" (section 5.4.1).
  - Discussion: Does NSIS operation allow tearing down from QNR to QNI?

Figure 1: Basic operation example
Open Issues (2/4)

• MIP Interaction
  ➢ This section should illustrate how Tunnel I-D is applicable to MIP cases
  ➢ Discussion: How does this section should be cleaned up?
Open Issues (3/4)

- **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?

  - 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 (4/4)

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

• End Jul. – Mid. Oct.:
  – Discussing open issues
• Beg. Nov.:
  – Submitting -08
• Mid. Nov.: (before IETF#70):
  – Discussing WGLC comments