

Applicability Statement of NSIS Protocols in Mobile Environments

draft-ietf-nsis-applicability-mobility-signaling-07.txt

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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?

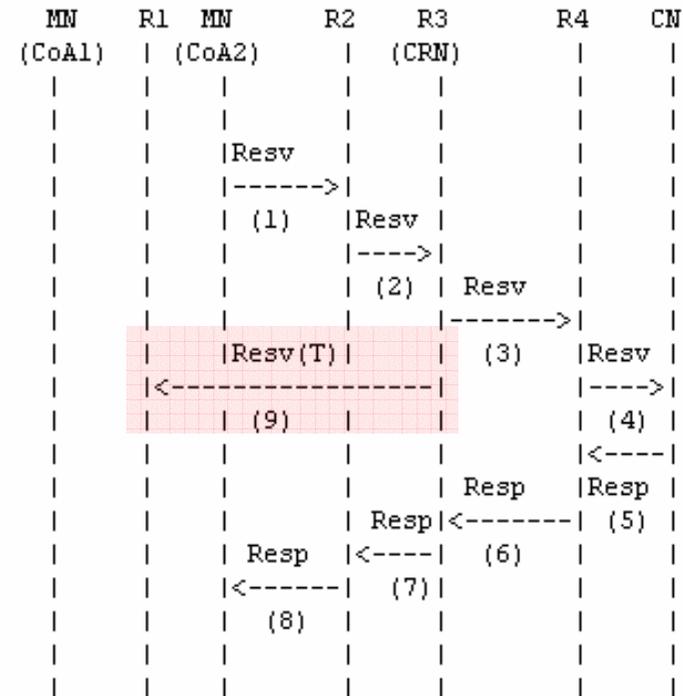


Figure 1: Basic operation example

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