

Applicability Statement of NSIS Protocols in Mobile Environments

draft-ietf-nsis-applicability-mobility-signaling-06.txt

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Changes Between -05 and -06 (1/2)

- Chapters/Sections are re-structured
 - Topics were divided into two categories, ‘Main’ and ‘Further Study’
 - ‘Main’ part explains how NSIS protocols handle basic mobility mechanisms, i.e., route change management and interaction with MIPv4/v6
 - No ‘specific parameters’ or ‘specific operations’ are here
 - ‘Further Study’ part introduces “enhancements” of mobility management in NSIS
 - Potential issues and possible approaches (which contains specific operations) are introduced here
 - However detailed discussions are out-of-scope of this draft

Changes Between -05 and -06 (2/2)

- Similar operation details and figures were removed from 'Interaction with MIP tunneling' section
- Problem Statement section is cleaned up
 - Re-structured
 - 'NSIS approach' for each problem are added

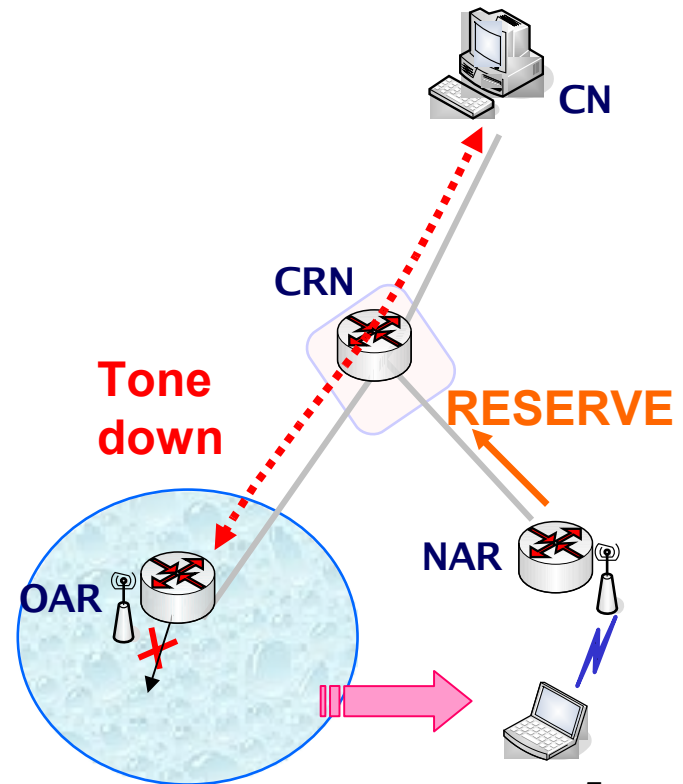
Open Issues

- Simple handling for 'Invalid NSIS responder issue'
- 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. When and how should NSIS tear old pinhole?

Open Issues

-- Invalid NSIS responder --

- An old AR may trigger for tearing down whole path before RESERVE from new location reaches to CRN
- NSIS approach is that GIST is conservative and careful in indicating peer failure to the NSLP in mobile network
 - How GIST differentiates between mobility and dead peer is an implementation issue



Future Work

- Cleaning up Security Consideration section
 - Currently, the section just outlines a number of options and their pros/cons
- Cleaning up Terminology section
- Cleaning up Further Study section

Schedule

- End Mar - End May:
 - Discuss open issues and 'Future Work'
- Mid June:
 - Submitting -07
- Early July (before IETF#69):
 - Discuss WGLC comments at IETF69