NSIS WG
70th IETF
Vancouver, BC, Canada
December 3, 2007

Discussions:  nsis@ietf.org
WG chairs:    John Loughney john.loughney@nokia.com
              Martin Stiemerling stiemerling@netlab.nec.de
Any submission to the IETF intended by the Contributor for publication as all or part of an IETF Internet-Draft or RFC and any statement made within the context of an IETF activity is considered an "IETF Contribution". Such statements include oral statements in IETF sessions, as well as written and electronic communications made at any time or place, which are addressed to:

- the IETF plenary session,
- any IETF working group or portion thereof,
- the IESG, or any member thereof on behalf of the IESG,
- the IAB or any member thereof on behalf of the IAB,
- any IETF mailing list, including the IETF list itself, any working group or design team list, or any other list functioning under IETF auspices,
- the RFC Editor or the Internet-Drafts function

All IETF Contributions are subject to the rules of RFC 3978 (updated by RFC 4748) and RFC 3979.

Statements made outside of an IETF session, mailing list or other function, that are clearly not intended to be input to an IETF activity, group or function, are not IETF Contributions in the context of this notice.

Please consult RFC 3978 (and RFC 4748) for details.

A participant in any IETF activity is deemed to accept all IETF rules of process, as documented in Best Current Practices RFCs and IESG Statements.

A participant in any IETF activity acknowledges that written, audio and video records of meetings may be made and may be available to the public.
Agenda

- Agenda Bashing (2 minutes)
- NOTE WELL
- WG Status
  - Milestones Review
  - Document Status and Accomplishments
    - GIST update
    - QoS NSLP and QSPEC
    - IPv4 and IPv6 RAO discussion - latest status
- NAT/FW NSLP - Hannes Tschofenig (5 minutes)
- Mobility Applicability Statement - Takako Sanda (10 minutes)
- GIST over SCTP - Xiaoming Fu (10 minutes)
- RMD-QOSM - Martin Stiemerling (5 minutes)
- NSIS Extensibility Model - John Loughney (5 minutes)
- Y.1541 QOSM - Al Morton (5 minutes)
- Authorization for NSLP protocols, Jukka Manner (10 minutes)
- DCCP transport for GIST, Jukka Manner (5 minutes)
Milestones

Done  Submit 'Signaling Requirements' to IESG for publication as an Informational RFC.
Done  Submit 'Next Steps in Signaling: Framework' to IESG for publication as Informational RFC
Done  Submit 'Analysis of Existing Signaling Protocols' to IESG as Informational RFC
Done  Submit 'RSVP Security Properties' to IESG as Informational RFC
Done  Submit 'NSIS Threats' to IESG as Informational RFC
Done  Submit 'NSIS Transport Protocol' to IESG for publication for Proposed Standard
Jun 2006  Submit 'NSIS QoS Specification Template' to IESG for publication as an Informational RFC
Jun 2006  Submit 'NSIS QoS Application Protocol' to IESG for publication for Proposed Standard
Jul 2006  Submit 'NSIS Middle Box Signaling Application Protocol' to IESG for publication for Proposed Standard
Jul 2006  Submit 'Differentiated Service Signaling on the Internet' to the IESG for publication as an Informational RFC
Jul 2006  Submit 'Y.1541 QoS Model' to the IESG for publication as an Informational RFC
Nov 2006  Submit 'Applicability Statement of NSIS Protocols in Mobile Environments' to the IESG as an Informational RFC
Dec 2006  Submit 'General Internet Signaling Transport protocol implementation document' to the IESG for publication as an Informational RFC
WG Update

• Well behind milestones
• Discussing new dates for milestones
• New WG I-D draft-ietf-nsis-ext-00.txt
• GIST, QoS NSLP, QSPEC finished WGLC
• Running WGLC for NATFW NSLP
  ♦ John is handling this!
  ♦ Send your reviews and comments!
  ♦ Runs until 14th
• Need to discuss remaining WG items
GIST Status

- AD review with comments Nov 26
- Latest discussions
  - Magnus' comments handled except one
    - About forwarding of modified NSLP data
    - See Robert’s mail Nov 29
  - Fixed comment/question on peering being forced when the GHC has reached zero to which Robert suggested a slight change on the mailing list.
  - One remaining sort of semi outstanding comment from the last IESG review is from Sam on security for D-mode.
- New version to submitted soon
QoS NSLP and QSPEC

- Both documents have passed WGLC
- Chairs to do proto write-up for both
- QSPEC needs revision
  - `dime-qos-parameters`, `nsis-qos-nslp`, `tsvwg-emergency-rsvp`
  - Overlapping set of QoS parameters
    - RPH-Priority
    - Admission Priority
  - Discussion by mail between authors & chairs
  - Proposed resolution see Francois’ mail Dec 3 and next slide
Proposed QoS Parameter Resolution

- RPH-Priority
  - tsvwg-emergency-rsvp to create IANA registry
  - QSPEC and dime-qos-parameters to use this IANA registry

- Admission Priority
  - Each spec indicates "higher value means higher priority"
  - no attempt to define what specific values should be used for
  - each protocol spec will add a statement clarifying that a given Admission Priority is to be encoded with the same value in each of the three protocol spec.
IPv4 and IPv6 RAO discussion

- [https://datatracker.ietf.org/drafts/draft-manner-router-alert-iana/](https://datatracker.ietf.org/drafts/draft-manner-router-alert-iana/)
- Discusses new instructions to IANA on the allocation of IPv4 and IPv6 Router Alert Option Values
- Discussed on NSIS list without consensus
- To be discussed in the INTAREA meeting
  - TUESDAY, December 4, 2007
  - 1520-1720 Afternoon Session II