RSIP Update

48th IETF – Pittsburgh

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August 2000

RSIP Drafts

- **Revised documents:**
  - **Realm Specific IP: A Framework**
    - **<http://www.ietf.org/internet-drafts/draft-ietf-nat-rsip-framework-05.txt>**
  - **Realm Specific IP: Protocol Specification**
    - **<http://www.ietf.org/internet-drafts/draft-ietf-nat-rsip-protocol-07.txt>**
  - **RSIP Support for End-to-end IPSEC**
    - **<http://www.ietf.org/internet-drafts/draft-ietf-nat-rsip-ipsec-04.txt>**
- **Not revised this time around:**
  - **Finding an RSIP Server with SLP**
    - **<http://www.ietf.org/internet-drafts/draft-ietf-nat-rsip-slp-00.txt>**
  - **DHCP Next Server Option**
    - **<http://search.ietf.org/internet-drafts/draft-ietf-dhc-nextserver-02.txt>**

Framework Document

- **Re-wrote the latter half of the introduction, addressing the general concept of RSIP**
- **Replaced the Implementation Considerations section with the Requirements section and the RSIP Complications section.**
- **Added two sections, one discussing multi-party applications, the other discussing RSIP scalability.**
- **Toned down section on Mobile IP interaction.**
- **Added reference to the SLP-RSIP draft**
- **Added a table of contents**

Protocol Specification Document

- Registrations now have lease times.
- Registration and binding lease time management is discussed.
- Changed most packet and field diagrams into the "canonical" form
- An RSIP gateway can redirect a host to a particular tunnel endpoint that is not necessarily itself.
- Added optional message counters to all messages to facilitate UDP
- Added a section on the use of message counters, timeouts, and retransmissions
- Added a section on host and gateway failure scenarios
- Cleaned up a number of minor typos.
- Table of contents added (finally)

IPSEC Support Document

- Put "Message type" before "Overall Length" to align with protocol draft 05.
- Added the optional [Message Counter] parameter
- Added the [Address (tunnel endpoint)] parameter
- Aligned with latest Protocol draft