SIP INFO Method

draft-ietf-sip-info-method-02.txt

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MCI WORLDCOM

INFO Method Status

- ## Basically Done!
  - SIP Working Group last call completed

  - IESG last call completed

  - -03 version to be prepared with minor editorial clarifications

  - -03 will be sent to the IESG for RFC Proposed Standard Status

SIP Session Timer

draft-ietf-sip-session-timer-01.txt

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Session Timer Status

- Updated to prepare for working group last call

- Changes since last draft:
  - Added use of supported header
  - Session-Expires header only allowed in INVITE method
  - Only called UA refreshes session timer
  - Aligned semantics of delta time with Expires handling
  - Removed 488 response message

Issues Remaining

- New method name for refresh vs. use of re-INVITE
  - Proposal is use re-INVITE

- Allow Session-Expires on non INVITE methods?
  - Proposal is no

- Method for calling UA and/or Proxy to require called UA support
  - Required header at UAC (requires method for proxy to reject based on session timer)
  - Proxy adding Required header

- Called UA including session-expires with re-INVITE
  - Is there one session timer running or two?
  - Which does the proxy use?

Next Steps

- Make session-timer an official SIP WG work item

- Resolve remaining issues and reissue draft for working group last call

SIP 183 Session Progress Message

draft-ietf-sip-183-00.txt

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Problem being solved

- "Early Media"
  - For PSTN interworking and other creative uses

- Other Early Session Description Uses
  - Preconditions:
    - Parameters for establishing QoS
    - Parameters for establishing security relationships

    - Enables the setting up of QoS and Security resources prior to alerting the called user of the session.

Proposed extensions to SIP

- Allow for full Session Description message bodies in 18x messages (modification to baseline specification)
  - Already reflected in 2543bis

- Addition of 183 Session Progress message
  - Already reflected in 2543bis

- Definition of Session header to define purpose of session description message body
  - Not currently defined in 2543bis

Issues, Questions

- ## Should this be part of the baseline specification
  - portions of it are currently in the 2543bis draft

- ## Is a supported tag required?
  - Not if part of baseline spec
  - Probably not if standalone specification,
    - Adding supported tag complicates UAS implementation
    - Default behavior (treat as a 100) is acceptable

When to use 183 for early media in PSTN interworking

- Determination of which 18x message to send depends on the information received from the PSTN network

- Depends on type of PSTN network
  - ISUP interworking addressed in
    - draft-camarillo-sip-isup-bcp-00.txt
    - Based on called party status code in ACM message
  - ISDN interworking:
    - Based on progress indicator information element

- 183 will be required in most cases

- QoS and Security requirements will

Next Steps

- Extension vs. part of baseline SIP specification?

- If extension then
    - New version of draft (significant rework to simplify)
    - Working group last call
    - Push to proposed standard