SIP
Media Security Requirements

draft-ietf-sip-media-security-requirements-03

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Document Status

• Requirement numbers changed to mnemonics
• R-REUSE: Reverted to earlier MAY to re-use previous security association
• Still waiting for 3GPP requirements
Comments: “No Consensus”

• R-RECORDING (call recording)
  – Needed by some businesses
  – draft-wing-sipping-srtp-key proposes one method to do call recording

• R-TRANSCODER
Comment: “re-instate R15”

• R15: start with RTP and upgrade to SRTP
  – For announcements, advertising

• Concern:
  – Attacker could send bogus RTP media until SRTP starts (assuming SRTP starts at all)
  – Brian Stucker analyzed a similar RTP problem

• Further study? Re-instate requirement?

draft-stucker-sipping-early-media-coping-03 (expired)
Moving Forward: Choices

1. Publish requirements from March 2007 RTPSEC BoF
   • Original intent of adopting as WG document

2. Refine requirements based on today’s requirements
   • 3GPP
   • R15, Transcoder, Recording
   • “The Identity Problem” (SBCs, E.164)
Questions

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