P2PSIP Security

draft-matuszewski-p2psip-security-requirements-04

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Why?

• Early conversations with potential customers of P2PSIP found that security concerns were primary objection

• Goal of draft(s) is to list security issues, list solutions and provide guidance into discussion with aim to remove market barriers
Current Status

• Merger of two documents:
  - draft-matuszewski-p2psip-security-requirements-02
  - draft-song-p2psip-security-eval-00

• Revised author team:
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Current Structure

• Security comparison between C/S and P2P
• Security analysis with P2P layers
• Security analysis with application scenarios
• Security requirements
• Appendix: Security threats
Planned Work

• Synchronize with latest RELOAD updates, particularly with regard to layers
• Continued editing for improved readability
• A section will be added on security requirements related to interconnection of P2PSIP networks to other networks such as non-P2P SIP networks and the PSTN
• Status of Marcin Matuszewski will be clarified
Open Issue #1

• Should this continue to exist as a separate draft?

• P2PSIP Base (RELOAD) also includes "Security Considerations" (section 13)

• Options:
  1. SEPARATE DRAFT - Keep security requirements as separate draft, incorporate security info from P2P Base and point from Base to this doc
  2. FULL MERGE INTO BASE - Merge relevant portions of text into P2P Base
  3. PARTIAL MERGE INTO BASE - Merge sections into P2P Base (such as problem statements) and convert remainder into BCP or Informational RFC
  4. SPLIT OUT REQUIREMENTS - Split the Security Requirements section out to perhaps be incorporated into a larger P2PSIP requirements document and convert remainder into BCP or Informational RFC
Open Issue #2

• Depending upon outcome of Open Issue #1, should this document be added as a Working Group item?
Thank you

• (And please do send your comments on the draft)