Hitchhiker's Guide to SIP

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Problem Statement

- Enumeration of SIP-related standards for newbies and implementors
- Definition of “Core SIP” for purposes of advancing those documents to draft standard
- Evaluation of which documents are important or not in which use cases
Document Classification

- Core SIP
- PSTN Interworking
- General purpose Infrastructure extensions
- Minor Extensions
- Call Control Primitives
- Event Packages
- QoS
- OAM

- Compression
- Service URI
- IM and Presence
- Emergency Services
SIP “Family”

• Not SIP Extensions but support SIP and have many extensions themselves
  – RTP
  – SDP
  – Sigcomp
  – ENUM
  – Tel URI
  – PIDF
  – MSRP
  – STUN
  – XCAP
  – TRIP
Core SIP

- SIP (RFC3261)
- SIP DNS (RFC3263)
- SIP events (RFC3265)
- Privacy (RFC3323)
- PAID (RFC3325)
- Path (RFC3327)
- Rport (RFC3581)
- NIT (RFC4320)

- SIP Identity (draft-ietf-sip-identity)
- GRUU (draft-ietf-sip-gruu)
- SIP Outbound (draft-ietf-sip-outbound)
Open Issues

• Do things like O/A (RFC3264) get included in “core SIP”
  – SIP advancement to draft standard does depend on this actually

• We’ve got a P-header in the core SIP specs

• How can I add more Hitchhikers Guide references?
  – Need to work in towels
  – More 42?
  – Dolphins and falling whales