SIP INFO

Cast of Thousands
Fall Guy: Eric Burger
What is Your View of INFO?
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A Zombie that will not go away?

An Angel you cannot live without?

Photobucket duduwalker

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Drafts

- draft-kaplan-sip-info-events
- draft-kaplan-sip-info-use-cases
- draft-rosenberg-sip-info-litmus
- draft-rosenberg-sip-tote
- draft-burger-sip-info
- draft-burger-sip-user
Issues

• Is there a problem at all?
  – We all see the potential for trouble
  – Do we see trouble in the wild?
  – Is there trouble other than for DTMF?

• Assuming there is a problem...

• What should we do?
User-User Information Exchange

• Clearly a need for UUI related to the SIP dialog
  – Done way too much in the wild to ignore
  – Just saying “no” does not work

• Issue 1: Do we need some UUI mechanism related to the SIP dialog?
INFO in the Wild

• Registry / Catalog of extant INFO usage
  – Capture what is out there
  – Analyze trends
  – Avoid collisions
  – Already done in reality (draft-burger-sip-info, draft-kaplan-sip-info-use-cases)

• Issue 2: Worth spending more effort on cataloging extant INFO usage?

• Issue 3: If so, worth establishing IANA registry, document in an Informational RFC, other?
INFO as a Method

• Any “repair” of INFO will NOT be backwards compatible

• Issue 4: do we care?
  – Just ignore old usages?
  – Means “Good INFO” UAS will, by design, barf on “Bad INFO” usage
  – Since “Good INFO” UAS will be new, and they probably want to interoperate with old, will not barf on “Bad INFO.” ∴ “Bad INFO” with us forever and cast in stone; might as well give up and stick with “Bad INFO”
New Mechanisms

- Lots of options
- New INFO that looks like SUBSCRIBE
- New method that
  - Is negotiable
  - Is unambiguous
  - Carries arbitrary payloads

- Issue 5: Do we need a new mechanism?
Issue 6: Pick a Mechanism

• #1: Method, or mechanism to open pipe, a’la speechsc, mediactrl, tote?
• #2: Option tags and Require?
• #3: Something else?
Anything Else?