FLUTE-update: rfc3926bis

- To make ready for Proposed Standard

- Comments received from implementations & 3GPP, DVB & OMA FLUTE work:
  - FLUTE update to include these (see RMT list)
  - No major changes – an EXP server would not break a "bis" reciever and visa versa

- Updates to include:
  - FDT Instance schema to allow element extensibility (debug)
  - Etc. – see questions

- Process
  - Meeting and email comments/discussion
  - Submit 3926bis late in August
  - WGLC -> ready for Standards Track RFC when RMT migrates from EXP

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Questions to the WG (FLUTE)

- FLUTE: OK not to IANA register FDT Instance?

- FLUTE: Wrapped-around FDT Instance id -> only after it's data is expired (recommend)

- FLUTE: Tamper prevention -> mention XML-DSIG is available for FDT Instance tamper prevention

- FLUTE: TOI=1; TOI++

- FLUTE: FDT Instance Data Types - Content-Length, 5 x FEC-OTI-FEC-xxx
  - Currently: "xs:unsignedLong"
  - Could be: nonNegativeInteger, unsignedByte, unsignedInteger, unsignedShort

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Questions to the WG (LCT-family)

- ALC/FLUTE: FEC Payload ID: explicitly state whether ALC header or not
- LCT/ALC: Sensible channel ID, for a session:
    - sessionID = {S,D,P} = {source(IPaddr), dest(IPaddr), dest(UDPport)}
    - fixed(S), channel_differentiation(D), whatever(P)   -> OK (normal)
    - fixed(S,D), channel_differentiation(P)   -> OK (unusual?)
    - fixed(S), channel_differentiation(D,P)   ->CRAZY (complex, unecessary)
- LCT/ALC: TSI unique (for S) for a _large_ amount of time: suggest order of magnitude
- LCT/ALC: Ensure LCT and ALC explicitly allow normal broadcast (without ALC-CC)
- LCT/ALC: TCP, DCCP, SCTP tranport? (allow other-than-UDP-transport for LCT/ALC/FLUTE)
- RMT: One ALC packet per IP packet is best for robustness (loss multiplier)
    - Should MTU "care" be recommended? Where (FEC-BB, ALC, LCT, FEC Instances)?

draft-mehta-rmt-flute-sdp-03

- Fulfils the requirements of FLUTE/RFC3926 §6 for out-of-band discovery of file delivery session parameters

- 3GPP dependency and harmonised

- 02 -> 03 changes:
    - SDP ABNF bug fixes (same fixes in 3GPP September)
    - Bandwidth specification clarified

- Status:
    - Substantial 3GPP review and some RMT & MMUSIC review
    - Implemented (at least by TUT:)
    - Ready for WG LC

- Process:
    - Same as for FLUTE (I-D -> EXP -> PS)