RTP Interoperability Testing

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The need

• RFC 2026 states that “two independent and interoperable implementations” of every feature are needed to advance a protocol to draft standard.

• We are at this stage with RTP.
Interop testing

Three drafts describe the interop testing:
• draft-ietf-avt-rtp-interop-02.txt
• draft-ietf-avt-profile-interop-00.txt
• draft-ietf-avt-rtptest-02.txt

with a web page showing the status
• http://www-mice.cs.ucl.ac.uk/multimedia/misc/avt/RTPinterop/
Status: basic RTP

- Use of padding
- Use of header extension
- SDES PHONE/LOC/PRIV
- BYE with multiple SSRC/reason text
- APP packets
- Encryption
Status: advanced RTP

- RTCP reconsideration algorithms and step join back-off
- SSRC collision/loop detection
Status: profile features

- Modification of RTCP bandwidth fraction
- Transport using TCP
Status: codecs

- 1016
- G.726-32
- G.723
- G.722
- QCELP
- G.728
- G.729
- GSM HR/EFR
- PCMA

- CellB
- JPEG
- MPT
- MP1S
- MP2P
- BMPEG
- H.263/H.263+
- BT.656
A plea for help...

Your help is needed!