AVT Tones (RFC 2833) Interoperability Statement
draft-sparks-avt-2833-interop-00

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Abstract

It is required to demonstrate interoperability of AVT Tones implementations in order to move that specification to draft standard. This memo outlines those features to be tested, as the first stage of an interoperability statement.
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1. Introduction

TBD - will borrow heavily from rtp-interop
Use of 2198 to be tested separately

2. Features and Options Required to Demonstrate Interoperability

1. Demonstrate use of same sequence number and time-stamp base as remainder of audio stream

2. Demonstrate correct use of marker bit to indicate beginning of new event
   * Cisco Digium Pingtel Polycom

3. Demonstrate correct exchange of volume, duration, and end bit
   * Cisco Digium Pingtel Polycom

4. Demonstrate correct indication of supported named events via SDP
   * Cisco Pingtel

5. Interoperable exchange of data packets containing the required DTMF events
   * Cisco Polycom Digium - no ABCD

6. Events spanning more than one RTP packet
   * Polycom->Cisco
   * Cisco->Digium

7. Interoperable exchange of data packets containing the Flash event

8. Interoperable exchange of data packets containing Data Modem and Fax Events

9. Interoperable exchange of data packets containing Line Events

10. Interoperable exchange of data packets containing Extended Line Events

11. Interoperable exchange of packets containing Trunk Events
12. Interoperable exchange of packets containing Tone payloads

13. Interoperable exchange of packets containing combined tone and event payloads

References


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Acknowledgement

Funding for the RFC Editor function is currently provided by the
Internet Society.