



Media Playback Control Protocol Requirements

draft-whitehead-mmusic-SIP-for-streaming-media-03

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Rationale

- **Re-use SIP-based architectures for media playback.**
- **Add a new media control protocol for media playback.**
- **Support new use-cases**



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Use-cases

- **Streaming server can initiate or terminate a session**
- **Streaming server can be reached even if behind a residential NAT**
- **Media parameters (e.g. codecs) can be negotiated**

Requirements

- **REQ-1 The media control protocol must support commands such as play, pause, rewind, forward, fast rewind, fast forward, slow rewind, and slow forward.**
- **REQ-2 It must be possible to negotiate the media control control protocol of a media stream.**
- **REQ-3 If the media control protocol does not apply to all media streams of a given session, it must be possible to indicate the specific media streams that are under the scope of the trick-play control protocol.**
- **REQ-4 The media control protocol must allow for asynchronous media event notifications (e.g.: end-of-stream)".**
- **REQ-5 The protocol SHOULD work over TCP.**



Next Steps

- **Re-evaluate WG interest in this topic:**
 - Are more people interested in developing this topic?
 - Under which working group Charter if any?
 - **MMUSIC, SIP, SIPPING, Other, None?**
 - Current I-D: Use Cases & Requirements:
 - **New version after meeting based on comments?**
- **Prototypes and working implementations:**
 - Implemented in Nortel/Kasenna and Motorola VOD servers



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