RFC 9806
Updates to SIP-Based Media Recording (SIPREC) to Correct Metadata Media Type

Abstract

The SIP-based Media Recording (SIPREC) protocol is defined by both "Session Initiation Protocol (SIP) Recording Metadata" (RFC 7865) and "Session Recording Protocol" (RFC 7866). Unfortunately, both RFCs contradict each other regarding how recording metadata is to be labeled. In addition, neither RFC registered the new media type. This document updates RFC 7866 to align with RFC 7865 when labeling recording metadata and also registers the media type.

Status of This Memo

This is an Internet Standards Track document.

This document is a product of the Internet Engineering Task Force (IETF). It represents the consensus of the IETF community. It has received public review and has been approved for publication by the Internet Engineering Steering Group (IESG). Further information on Internet Standards is available in Section 2 of RFC 7841.

Information about the current status of this document, any errata, and how to provide feedback on it may be obtained at https://www.rfc-editor.org/info/rfc9806.

Copyright Notice

Table of Contents

1. Introduction

The SIP-based Media Recording (SIPREC) protocol is defined by [RFC7865] and [RFC7866]. The former specifies the use of "application/rs-metadata+xml" when identifying metadata content, whereas the latter uses "application/rs-metadata". Since [RFC7865] defines SIPREC metadata, it was identified as normative, and [Err7987] was created against [RFC7866] to report the issue. This document resolves the erratum.

In addition, neither document registered the media type with IANA; this document rectifies this gap.

2. Updates to RFC 7866

Each instance of the following in [RFC7866]:

```
application/rs-metadata
```

Is replaced with:

> application/rs-metadata+xml

3. Security Considerations

The updates specified in this memo clarify inconsistencies in published documents with regard to identifying recording metadata. They do not introduce new security considerations beyond those listed in [RFC7866].

4. IANA Considerations

4.1. Media Type Registration

[RFC7865] defines a media type for use with specifying recording metadata in XML data. This media type is to be used when specifying recording metadata in SIPREC.

Type name: application

Subtype name: rs-metadata+xml

Required parameters: N/A

Optional parameters: N/A

Encoding considerations: Same as encoding considerations of "application/xml" as specified in [RFC7303].

Security considerations: N/A

Interoperability considerations: Please note that [RFC7866] specifies the use of "application/rs-metadata", which has been replaced by "application/rs-metadata+xml" in RFC 9806.

Published specification: [RFC7865] [RFC9806]

Applications that use this media type: Session Recording Clients (SRCs) and Session Recording Servers (SRSs).

Fragment identifier considerations: N/A

Additional information:

    Deprecated alias names for this type: N/A
    Magic number(s):   N/A
    File extension(s):   N/A
    Macintosh file type code(s):   N/A

Person & email address to contact for further information: IETF SIPCORE Working Group (sipcore@ietf.org)

Intended usage: COMMON

Restrictions on usage: There are no restrictions on where this media type can be used.

Author: IETF SIPCORE Working Group (sipcore@ietf.org)

Change controller: IETF

5. References

5.1. Normative References

[RFC7303]   Thompson, H. and C. Lilley, "XML Media Types", RFC 7303, DOI 10.17487/
RFC7303, July 2014, <https://www.rfc-editor.org/info/rfc7303>.

[RFC7865]   Ravindranath, R., Ravindran, P., and P. Kyzivat, "Session Initiation Protocol (SIP)
Recording Metadata", RFC 7865, DOI 10.17487/RFC7865, May 2016, <https://
www.rfc-editor.org/info/rfc7865>.

[RFC7866]   Portman, L., Lum, H., Ed., Eckel, C., Johnston, A., and A. Hutton, "Session
Recording Protocol", RFC 7866, DOI 10.17487/RFC7866, May 2016, <https://
www.rfc-editor.org/info/rfc7866>.

5.2. Informative References

[Err7987]   RFC Errata, Erratum ID 7987, RFC 7866, <https://www.rfc-editor.org/errata/
eid7987>.

Acknowledgments

Thank you to Brian Rosen for his guidance in writing my first Internet-Draft using the new tools
and for his thorough review. A sincere thank you to all of the reviewers for their valuable time,
which greatly enhanced this document.

Author's Address

Dan Mongrain
Motorola Solutions
Email: Dan.Mongrain@MotorolaSolutions.com