
Stream: Independent Submission
RFC: [0000](#)
Category: Informational
Published: 4 March 2022
ISSN: 2070-1721
Author: I. Surname

RFC 0000

Real-time Transport Object delivery over Unidirectional Transport (ROUTE)

Abstract

Abstract [REPLACE]

Status of This Memo

This document is not an Internet Standards Track specification; it is published for informational purposes.

This is a contribution to the RFC Series, independently of any other RFC stream. The RFC Editor has chosen to publish this document at its discretion and makes no statement about its value for implementation or deployment. Documents approved for publication by the RFC Editor are not candidates for any level of Internet Standard; see 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/rfc0000>.

Copyright Notice

Copyright (c) 2022 IETF Trust and the persons identified as the document authors. All rights reserved.

This document is subject to BCP 78 and the IETF Trust's Legal Provisions Relating to IETF Documents (<https://trustee.ietf.org/license-info>) in effect on the date of publication of this document. Please review these documents carefully, as they describe your rights and restrictions with respect to this document.

Table of Contents

1. Introduction

[Author's Address](#)

1. Introduction

Element	ATSC-ROUTE	This Document	DVB-MABR
LCT header fields	PSI	Set to 0 for Source Flow	Set to 1 for Source Flow for CMAF Random access chunk
	LSB		
	CCI	May be set to 0	May be set to EPT for Source Flow
LCT header extensions	EXT_ROUTE_PRESENTATION_TIME	Header used for MDE mode	Not defined, may be added by a profile. Shall not be used.
	EXT_TIME	Header linked to MDE mode in Annex A.3.7.2	EXT_TIME Header may be used regardless (for FDT-Instance@Expires calculation)
Codepoints	Full set	Does not specify range 11 - 255 (leaves to profiles)	Restricted to 5 - 9
Session metadata	Full set	Only defines a small subset of data necessary for setting up Source and Repair Flows. Does not define format or encoding of data except if data is integral/alphanumerical. Leaves rest to profiles.	Reuses A/331 metadata, duplicated from its own service signaling.

Element	ATSC-ROUTE	This Document	DVB-MABR
Extended FDT	Instance shall not be sent with Source Flow	Not restricted, may be restricted by a profile.	Instance shall not be sent with Source Flow
	No restriction	Only allowed in File Mode	
Delivery Object Mode	File, Entity, Signed/unsigned package		Signed/unsigned package not allowed
Sender operation: Packetization	Defined for DASH segment	Defined for DASH segment and CMAF Chunks	
Receiver object recovery	Object handed to application upon complete reception	Object may be handed before completion if MPD@availabilityTimeOffset signaled	
	-	Fast Stream acquisition guideline provided	

Table 1: Interoperability Chart

Author's Address

Fullname