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RFC 0000

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

Abstract

Abstract [REPLACE]

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1. Introduction

Element	ATSC-ROUTE	This Document	DVB-MABR
LCT header field: PSI LSB	Set to 0 for Source Flow	Not defined	Set to 1 for Source Flow for CMAF Random access chunk
LCT header field: 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/alphanumeric. Leaves rest to profiles.	Reuses A/331 metadata, duplicated from its own service signaling.
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

Element	ATSC-ROUTE	This Document	DVB-MABR
	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