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Title	DASH Editorial Clarifications
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1   Introduction

This contribution discusses potential editorial issues in the DASH specification.

2   Identifiers in template URLs

The specification states in 5.3.9.4.4:
"This identifier is substituted with …"

the correct wording should be « This identifier shall be substitued with …»

3 $Time$ Identifier in template URLs

The specification states in 5.3.9.4.4:
"This identifier is substituted with the value of the **SegmentTimeline**@t attribute for the Segment being accessed."

It is not clear from the specification that an segment template using $Time$ with no segment timeline but only SegmentTemplate@duration is valid or not.

Looking at 5.3.9.5.3, we can see that :
"The time address is determined as follows:

! if the Representation contains or inherits a SegmentTemplate element with $Time$ then the URL of the media segment at position k is determined by replacing the $Time$ identifier by MPD start time of this segment, as described below. "

Clause 5.3.9.4.4 should be fixed as follows :

"This identifier is substituted with the value of the MPD start time of the Segment being accessed."

Moreover, formatting issues have appeared during the editing of 3rd edition. We suggest replacing

"If the Representation contains or inherits a SegmentTemplate element with $Time$ then the

URL of the media segment at position k is determined by replacing the $Time$ identifier by the time address associated to this Segment. The time address is determined as follows:

! if the Representation contains or inherits a SegmentTemplate element with $Time$ then the URL of the media segment at position k is determined by replacing the $Time$ identifier by MPD start time of this segment, as described below."

with

"If the Representation contains or inherits a SegmentTemplate element with $Time$ then the URL of the media segment at position k is determined by replacing the $Time$ identifier by the MPD start time of this segment, as described below."

4   On switching in Annex A

In A.6 the specification states

« If @segmentAlignment is set true and the @startWithSAP is set to 1, 2 or 3 (and in the latter case the Representation@mediaStreamStructureId is identical for the two Representations), then the client may switch at any Segment boundary by just concatenating Segments with consecutive indices from different Representations. No overlap downloading and decoding is required. »

This is not correct since this does not take into account @bitstreamSwitching properties. We suggest to reword as follows :

« If @segmentAlignment is set true and the @startWithSAP is set to 1, 2 or 3 (and in the latter case the Representation@mediaStreamStructureId is identical for the two Representations), then the client may switch at any Segment boundary by

- just concatenating Segments with consecutive indices from different Representations, if bitstreamSwitching flag is true on the parent adaptationSet.
- Loading the initialization segment or bitstream switching segment for the new Representation, before opening the new Segment.

No overlap downloading and decoding is required. »

5   Conclusion

We suggest taking these edits into consideration for the next revision of DASH 3rd edition.