

ISO/IEC 23009-1**Information technology — Dynamic adaptive streaming over HTTP (DASH) —****Part 1:
Media presentation description and segment formats**

Technologies de l'information — Diffusion en flux adaptatif dynamique sur HTTP (DASH) —

Partie 1: Description de la présentation et formats de remise des médias

**Sixth edition
2026-07**



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Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work.

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This document was prepared by Joint Technical Committee ISO/IEC JTC 1, Subcommittee SC 29, *Coding of audio, picture, multimedia and hypermedia information*.

This sixth edition cancels and replaces the fifth edition (ISO/IEC 23009-1:2022), which has been technically revised.

The main changes are as follows:

- Introduction of Media Presentation Insertion events.
- Introduction of List MPDs.
- Significant overhaul of segment sequences, offering new functionality for low-latency and low-delay applications.
- Introduction of segment duration patterns.
- Updates to [Annex I](#), including new pre-defined parameters.
- Introduction of Content Steering.
- Introduction of reporting using CTA-5004 (CMCD).
- Introduction of ARI (Addressable Resource Index) Tracks.

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— Introduction of supplemental video services.

— Introduction of non-linear timelines.

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Introduction

Dynamic adaptive streaming over HTTP (DASH) is intended to support a media-streaming model for delivery of media content in which control lies primarily with the client. Clients may request data using the HTTP protocol from standard web servers that have no DASH-specific capabilities. Consequently, this document focuses not on client or server procedures but on the data formats used to provide a DASH Media Presentation.