streaming
video
alliance

InterSDO Updates

October 13, 2021

DOCUMENT UPDATES

2021 Publications

2021 Pipeline

2021 Publications

Documents Which Have Been Released This Year

CMAF Tech Brief

This document was a deep technical look at CMAF and the SVA's position on its adoption within the industry.

Best Practices For Improving Live Streaming Latency

This document analyzed the streaming workflow, identifying all the points of possible latency, and provided some recommendations for reducing latency at relevant points.

Open Caching Request Routing (2.0)

This document updated the existing Request Routing Functional Specification to include a mechanism for HLS Manifest rewrites.

Document Pipeline

The Status of Documents In, Or Queued For, Ratification

XR Landscape Document

A document which looks across the XR landscape, explores the state of the technologies, and looks at how

Configuration API

This is a three-part document providing details and specifications on the Open Caching Configuration APIs and extending the CDNi metadata model.

Metadata Landscape

This document is an overview document of the current metadata landscape for streaming video.

Open Caching Home Storage

This document extends Open Caching to potential storage in, or behind, the home gateway.

Player Security

This document will look at various aspects of security the streaming video player (technologies and methods) and provide some recommendations.

Edge and 5G for Streaming Video

This document looks at the network edge and how, with 5G, it can be applied to improving streaming video delivery and workflows.

PROJECT UPDATES

Current projects

Future projects

2021 Project Updates

Projects Currently Underway Which Will Produce Documents in 2022

Distributed Request Tracing

This project is intended to propose and demonstrate a solution whereby a single user video session can be linked through the entire workflow and across multiple datasets.

Measuring and Optimizing Live Stream Latency

This PoC is testing the recommendations made in the Best Practices for Reducing Live Stream Latency document. Optimizations will be tested, documented, and published. The testing is being done in a special lab setup by Liberty Global.

Open Caching API Testbed Initiative

An API testbed has been setup to test interoperability against approved Open Caching specifications. This includes ISP, CDN, and content owner. This testbed is only open to member companies.

VR Live Streaming End-to-End Latency Mitigation

This PoC, being carried out in a Verizon lab, is attempting to understand, document, and optimize latency for streaming video to VR.

Joint CTA-Wave Project

CTA-Wave and SVA are working on a joint project related to CDN Tokenization.

Metadata for Automated Decisions Making

This is a new project from the Metadata group which is currently being defined. It will attempt to propose the metadata needed for automating activities within the streaming workflow.

OTHER INITIATIVES

What else is happening?

What Else Is Happening?

Several Other Initiatives Which Happened, Or Will Happen, in 2021

Open Caching Microsite

We have developed a microsite dedicated completely to Open Caching. It can be found at https://opencaching.streamingvideoalliance.org.

Open Caching Validation Program

We are exploring a program to allow member companies to achieve "validation" for Open Caching API Interoperability. This is not a certification program. Details are still being developed.

Institute of Streaming Technology

We will launch a technical university in Q4 2021 to provide educational resources for video professionals to become more educated on streaming technologies. Two courses will be available at launch: Streaming Ads 101 and Streaming Security 101. Both will be free.

Fellows Program

We have launched a Fellows program to honor industry and SVA contributors. Initial fellows included Roger Pantos (Industry), Brian Stevenson (Technical), and Sanjay Mishra (Technical). More information can be found at https://fellows.streamingvideoalliance.org.

Public Comment Window

We are currently working to define a process by which non-member companies can provide comments to documents during the comment window (stage 1 of member ratification).