

# The Streaming Video Technology Alliance

IETF 121 MOPS Update

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## Many SVTA -IETF intersections

### SVTA

OpenCaching

Networking & Transports

Low Latency Streaming

Security

QUIC for Streaming PoC

### IETF

MOPS Media Operations

QUIC

MOQ (Media Over QUIC)

DNS

HTTP

CDNi

...many more

# Many SVTA -IETF intersections

## Just a few of the IETF RFCs Referenced in SVTA docs

### Core CDN Interconnection RFCs:

- RFC8006: Content Delivery Network Interconnection (CDNI) Metadata
- RFC8007: CDNi Control Interface & Triggers
- RFC8008: CDNi Request Routing: Footprint and Capabilities Semantics

### HTTP and Protocol RFCs:

- RFC7540: HTTP/2
- RFC9110: HTTP Semantics
- RFC3986: Uniform Resource Identifier (URI): Generic Syntax

### Authentication and Security RFCs:

- RFC7518: JSON Web Algorithms (JWA)
- RFC7519: JSON Web Token (JWT)

### Logging and Format RFCs:

- RFC4180: Common Format and MIME Type for CSV Files
- RFC4287: The Atom Syndication Format
- RFC7937: CDNI Logging Interface



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DASH-IF has joined the SVTA

## 2024 Highlights

- ❑ Open Caching Configuration Interface (set of 15 documents )
- ❑ (OTT Streaming Security Checklist
- ❑ An Exploration Into Measuring Streaming Latency
- ❑ Other Open Caching Documents: Logging Interface, Capacity Insight Interface, Bootstrap API, and Cache Management Interface (Edge Storage)
- ❑ Common Media Library features: ID3 Parsing, CMSD, and 608 Parsing. Implemented in dash.js and hls.js.
- ❑ D2P: joint project with CDSA to address CDN leeching (in progress)
- ❑ Common Access Token: work completed; CTA-WAVE waiting for IANA approval to publish.

## 2025 Pipeline

- ❑ OTT Streaming CDN Security Best Practices
- ❑ Open Casting
- ❑ Network Overlay Impacts
- ❑ Standardized Player Error Codes
- ❑ OTT Streaming Threat Model
- ❑ Streaming Operations Maturity Model
- ❑ SVTA Sandbox
- ❑ Architectures for Multi-CDN Switching
- ❑ D2P: joint project with CDSA to address CDN leeching

## SVTA 2025:

March 5-6 Tucson member meeting

July 16-18 Madrid member meeting  
(ahead of IETF 123 Madrid July 19-25)

July 18 SVTA Segments Europe Madrid (Open to Industry)

Oct 29-30 Montreal member meeting  
(ahead of IETF 124 November 1-7)

Oct 31 SVTA Segments NA Montreal (Open to Industry)