

**INTERNATIONAL ORGANISATION FOR STANDARDISATION
ORGANISATION INTERNATIONALE DE NORMALISATION
ISO/IEC JTC1/SC29/WG11
CODING OF MOVING PICTURES AND AUDIO**

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Title Liaison Statement on Webpush for DASH
To IETF Webpush Working Group

Attachments: N14858

MPEG would like to inform IETF about its MPEG-DASH's FDH core experiment (CE) and receive IETF's Webpush Working Groups' feedback on the following subject.

Full Duplex HTTP (FDH) CE is tackling the problem of delivering media segments with shorter delay and/or reducing the request processing on the HTTP server. The technologies considered are HTTP/2 and WebSockets. The main idea is that once a client is interested in streaming a particular content (e.g., a live channel), it may be beneficial not to send periodic individual GET requests for each segment to the server network. The server network may keep sending segments once they become available to the client for a predetermined amount of time or until the client tells the server to stop. Note that not all clients streaming the same content will necessarily use the "push" feature. Some may continue fetching each segment separately, some may ask for push of the several next segments or some may ask for push till a further command.

The FDH core experiment's description is included in the attached document to provide more detailed information.

We would like to ask you to consider media delivery use cases as part of your webpush activity. We would also like to ask for your opinion on the choice of protocols and the related best practices.

Some MPEG experts are expected to participate in the next meeting (IETF 91 in Honolulu) and provide more detail and MPEG welcomes IETF's collaborations on the subject.

Our future meetings:

- DASH Ad-hoc meeting, 15 February 2015, Geneva
- The 111th MPEG meeting, 16-20 February 2015, Geneva