Video sei event

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Outline

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Introduction

- explainer.md
- Getting sei event from video element when the frame is parsed.
- sei event contains information about payload data and timestamp, so we can make it synchronized with video frame.
- Available when using video with MSE or MediaStream.

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Use cases

Ensure the bodies won’t be covered by the bullets

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Use cases

Sync time-limited questions with livestream

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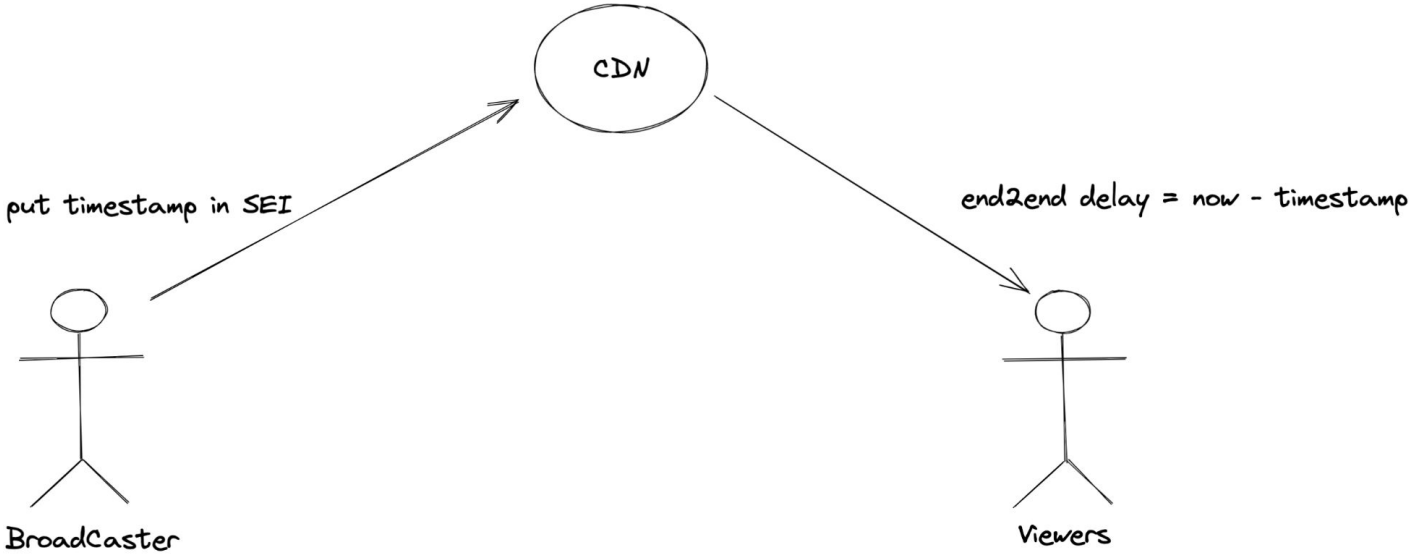
Use cases



Calculate end to end delay

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Example code

```
const video = document.createElement('video');
 video.src = 'foo.hls';
 video.play();

 video.addEventListener('sei', (e) => {
   const seiData = e.data;
   const timestamp = e.timestamp;

   const interactionData = parseSEI(seiData);

   const currentTime = video.currentTime;
   // use timestamp to sync SEI with livestream
   setTimeout(() => {
     renderInteraction(interactionData);
   }, (timestamp - currentTime) * 1000)
 })
```

sei event should contains data and timestamp

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THANKS