Use the castLabs DASH Everywhere player with Wowza Streaming Engine

This article describes how to use the castLabs DASH Everywhere player with Wowza Streaming Engine™ media server software. The DASH Everywhere interoperable player for web browsers simplifies playback of MPEG-DASH, Microsoft Smooth Streaming, and Apple HLS video content.

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Set up streaming applications in Wowza Streaming Engine

To stream to the DASH Everywhere player, you must set up or create streaming applications in Wowza Streaming Engine Manager. The following procedure guides you through setting up the default live and vod applications, which are included in default Wowza Streaming Engine software installations, to enable delivery of unencrypted video to the DASH Everywhere player.

**Note:** For instructions on how to deliver encrypted video using the castLabs DRMtoday service, see [Set up castLabs DRMtoday secure video delivery in Wowza Streaming Engine](#).

1. In Wowza Streaming Engine Manager, click the **Applications** tab at the top of the page.
2. In the **Applications** contents panel, click **live** (for live streaming) or **vod** (for on-demand streaming), and then click **Edit**.

**Note:** This procedure uses the installed live and vod applications. If you want to create a new streaming application, click **Add Application** in the contents panel, and
then click **Live** or **VOD**.

3. On the application page, select the **MPEG-DASH**, **Apple HLS**, and **Microsoft Smooth Streaming** playback types, and then click **Save**.

4. Restart the application.

5. If you set up an application for live streaming, connect live video from a camera or encoder to it by following the instructions in **Connect a live source to Wowza Streaming Engine**.

   If you set up an application for on-demand streaming, copy your encoded video files to your VOD application's content directory. If you didn’t change any of the application’s default values, upload the files to the **content** folder in the Wowza Streaming Engine installation ([install-dir]/content). If you changed the application’s **Content Directory** setting to an application-specific directory (${com.wowza.wms.context.VHostConfigHome}/content/[application-name]) or to a fully customized location on the media server, upload the files to these alternate locations.

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**Set up castLabs DASH Everywhere player for streaming from Wowza Streaming Engine**

After you purchase the DASH Everywhere player, you’ll be provided with a player release package that has all of the required libraries and a sample integration webpage (**index_min.html**) that you can use as template in this setup procedure.

Put the **index_min.html** and **cldasheverywhere.min.js** files and **dashas** and **dashcs** folders on your web server. Then you can point the player to your Wowza Streaming Engine stream as shown below.

To include the **cldasheverywhere.min.js** and **video-js.css** libraries in your webpage, copy the following into the HEAD section of the webpage code:

```html

To define where the player is placed in the webpage, copy the following tag into the BODY section of the webpage code:

```
To initialize the player with custom configuration options, copy the following into the BODY section of the webpage code:

```javascript
var config, player;

var config = {
    "silverlightFile": './dashcs/dashcs.xap',
    "flashFile": './dashas/dashas.swf',
    "techs": ['dashjs', 'dashas', 'dashcs'],
};

player = videojs('vid', {
    plugins: {
        audiotracks: {
            title: 'Languages'
        },
        texttracks: {
            title: 'Subtitles'
        }
    },
    autoplay: true,
    controls: true,
    dasheverywhere: config,
    techOrder: ['dasheverywhere']
});
```

**Note:** A full list of available configuration options is available in the *DASH Everywhere Manual*, which is included in the product release package.

To load your stream into the player, copy the following to the end of the player configuration

**Example for on-demand streaming from Wowza Streaming Engine**

In the following example, DASH Everywhere plays the [install-dir]/content/sample.mp4 video file included in your Wowza Streaming Engine installation from the Wowza Streaming Engine vod application.
More resources

- Set up castLabs DRM today secure video delivery in Wowza Streaming Engine
- Stream over MPEG-DASH with Wowza Streaming Engine