Start recording streams automatically with a Wowza Streaming Engine Java module

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The LiveStreamRecordAutoRecord module for Wowza Streaming Engine media server software is an alternative to the Record all incoming streams option in Wowza streaming Engine Manager. It enables you to record either all or selected incoming live streams on an application automatically using the default StreamRecorder parameters configured for the application. The recordings are accessible via the Wowza Streaming Engine Manager user interface, the Wowza Streaming Engine REST service, and the LiveStreamRecord HTTP provider.

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Prerequisites

Wowza Streaming Engine™ 4.0.0 or later is required.

Installation

1. Download wse-plugin-autorecord.zip.
2. Extract the contents from the downloaded (zipped) package, and then copy the lib/wse-plugin-autorecord.jar file from the package to the lib folder in your Wowza Streaming Engine installation ([install-dir]/lib).

Configuration

To enable this module, add the following module definition to your application configuration. See Configure modules for details.

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
<th>Fully Qualified Class Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>ModuleAutoRecord</td>
<td>Auto-record streams that are published to this application instance.</td>
<td>com.wowza.wms.plugin.ModuleAutoRecord</td>
</tr>
</tbody>
</table>

Properties

After enabling the module, you can adjust the default settings by adding the following properties to your application. See Configure properties for details.

<table>
<thead>
<tr>
<th>Path</th>
<th>Name</th>
<th>Type</th>
<th>Value</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>/Root/Application/StreamRecorder</td>
<td>streamRecorderRecordAllStreams</td>
<td>Boolean</td>
<td>true</td>
<td>Start a recorder for every stream that's published to the application instance. This property can be overridden by the</td>
</tr>
</tbody>
</table>
### Usage

When the application is started, the module checks to see if the `streamRecorderRecordAllStreams` property is set to `true` (default) or if the `streamRecorderRecordType` property is set to `all`, and if so, it sets the Stream Recorder Manager to record all of the streams that are published to the application. Alternatively, streams are recorded based on the `streamRecorderRecordType` setting and if a match is found in the `streamRecorderStreamNames` list.

Each recorder that’s started uses the default StreamRecorder parameters that are configured for the application. These can be set using StreamRecorder properties. For more information, see [Record live streams in Wowza Streaming Engine](#).

### For developers

- Get the source code on [GitHub](#)