You can configure an iOS app created with Wowza GoCoder™ SDK to broadcast or play a live stream from the Wowza Streaming Cloud™ service. First create the live stream in Wowza Streaming Cloud, then use the live stream's connection settings in a `WOWZStreamConfig` object created in the SDK.

Create a live stream in Wowza Streaming Cloud

To start, create a live stream in Wowza Streaming Cloud and locate the live stream's source connection information. With this connection information, you can configure a source stream using GoCoder SDK.

You can use either of these workflows:

- Wowza Streaming Cloud web manager
- Wowza Streaming Cloud REST API

**Wowza Streaming Cloud web manager**

1. Click the **Live Streams** tab, and then click **Add Live Stream**.
2. On the **Live Stream Setup** page, enter a **Live Stream Name**, choose a **Broadcast Location**, and then click **Next**.
3. On the **Video Source and Transcoder Settings** page, select the **Camera / Encoder** you want to use as the source for the live stream. For example, choose **Wowza GoCoder** or **Other RTMP**.
4. If you’re asked to select a **Source Delivery Method**, select **Push Stream**.
5. Specify other video source settings, click **Next**, and complete the steps to finish creating the live stream.

**Note:** For more information about live stream settings, see the **Help** panel on the right side of any Wowza Streaming Cloud page.

Wowza Streaming Cloud creates the live stream and displays the **Overview** tab of the live stream detail page. You’ll use the **Source Connection Information** that appears under the
Wowza Streaming Cloud REST API

1. Create a Wowza Streaming Cloud live stream with the REST API. For more information, see How to broadcast a live stream by using the Wowza Streaming Cloud REST API.
2. Use the source connection information from the REST API response to configure the source stream. It should look something like this:

```
{  "primary_server": "[subdomain].entrypoint.cloud.wowza.com",
   "host_port": 1935,
   "application": "app-5437",
   "stream_name": "12e4c04c",
   "disable_authentication": false,
   "username": "client2",
   "password": "[password_value]"
  }
```

Configure the stream in GoCoder SDK for iOS

Use the Source Connection Information in a WOWZStreamConfig object.

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>applicationName</td>
<td>The name of the live streaming application.</td>
</tr>
<tr>
<td></td>
<td>• In Wowza Streaming Cloud web manager, use the app-string that follows the complete domain in the Primary Server specified in the Source Connection Information.</td>
</tr>
<tr>
<td></td>
<td>• In the REST API response, use the application value.</td>
</tr>
<tr>
<td>hostAddress</td>
<td>The IP address for your Wowza Streaming Cloud instance.</td>
</tr>
<tr>
<td></td>
<td>• In Wowza Streaming Cloud web manager, use the domain portion of the Primary Server specified in the Source Connection Information.</td>
</tr>
<tr>
<td></td>
<td>• In the REST API response, use the primary_server value.</td>
</tr>
<tr>
<td></td>
<td>The password for source authentication, if source authentication is enabled.</td>
</tr>
<tr>
<td></td>
<td>• In Wowza Streaming Cloud web manager, use the Source connection information.</td>
</tr>
</tbody>
</table>
| **password** | **Password** specified in the **Source Connection Information**.  
• In the REST API response, use the `password` value. |
|--------------|---------------------------------------------------------------|
| **portNumber** | The port number for the server connection (**1935** by default).  
• In Wowza Streaming Cloud web manager, Use the **Host Port** specified in the **Source Connection Information**.  
• In the REST API response, use the `host_port` value. |
| **streamName** | The name of the live stream you’re sending from the SDK.  
• In Wowza Streaming Cloud web manager, use the eight-character alphanumeric **Stream Name** specified in the **Source Connection Information**.  
• In the REST API response, use the `stream_name` value. |
| **username** | The user name for source authentication, if source authentication is enabled.  
• In Wowza Streaming Cloud web manager, use the **Source Username** specified in the **Source Connection Information**.  
• In the REST API response, use the `username` value. |

Connect a **WOWZStreamConfig** object to the Wowza Streaming Cloud live stream.

**More resources**

- GoCoder SDK Reference for iOS