

# Republishing to Azure Media Services

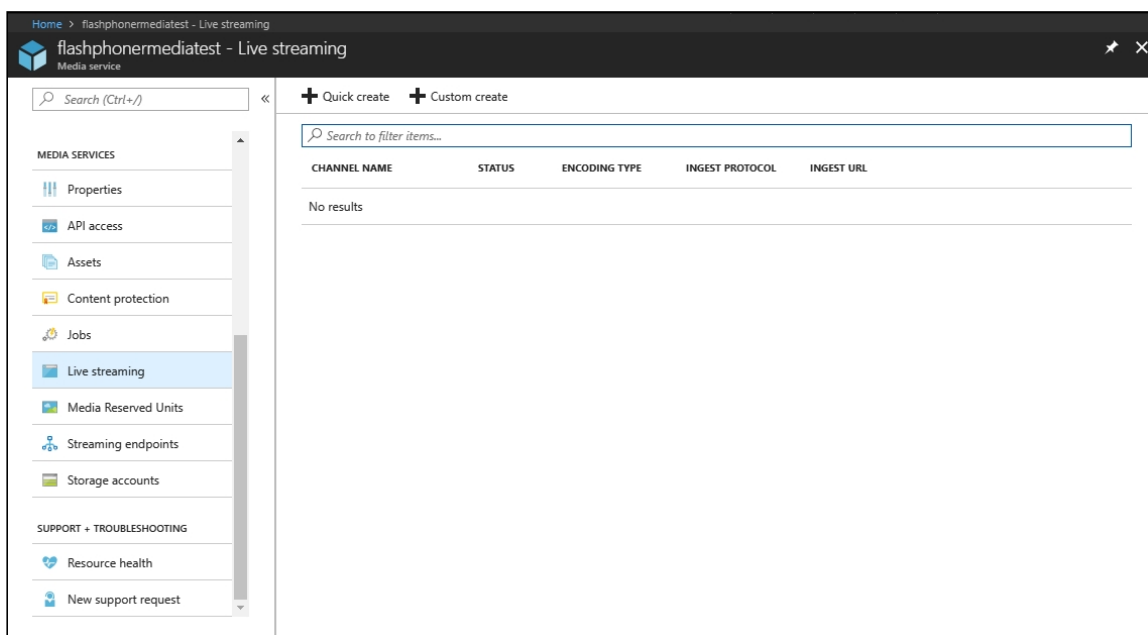
## 1. Preparing to test

For the test we use:

- the demo server at `demo.flashphoner.com`;
- the [Two Way Streaming](#) web application to publish streams;
- the Chrome browser and the [REST client](#) to send REST queries.

## 2. Azure Media Services configuration: create a live stream

Create a live stream in the [Azure](#) interface (we assume you have created media services and storage already) by clicking `Quick create`:



## 3. Azure Media Services configuration: get ingest URL

Copy the primary ingest URL (includes the name of the stream) from the channel settings page:

Home > flashphonermediatest - Live streaming > TestStream

**TestStream**  
CHANNEL

Settings Go Live Off Air Live event Start Stop More

**Starting channel ...**

Overview

STATE Starting

INGEST PROTOCOL RTMP

ENCODING TYPE Pass Through

PREVIEW URL <http://teststream-flashphonermediatest-euno.channel...>

INGEST URL (PRIMARY) [zure.net:1935/live/f420e5a25c614c3380a0c9c353c4c65c](rtmp://zure.net:1935/live/f420e5a25c614c3380a0c9c353c4c65c)

INGEST URL (SECONDARY) <rtmp://teststream-flashphonermediatest-euno.chann...>

Live events

NAME	STATUS	ASSET	ARCHIVE WINDOW	PUBLISHED
You haven't added any live events yet.				

## 4. WCS configuration

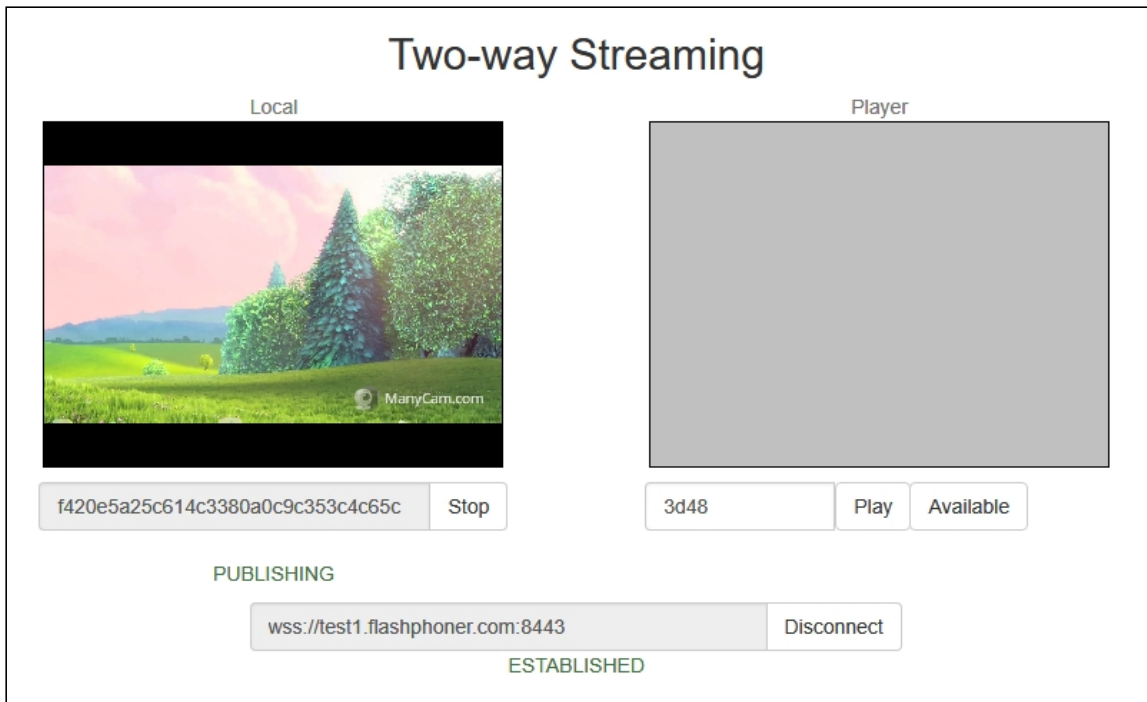
In the WCS settings file `flashphoner.properties` add the following lines:

```
rtmp_transponder_stream_name_prefix=
rtmp_transponder_send_metadata=true
rtmp_flash_ver_subscriber=LNX 76.219.189.0
```

Restart WCS.

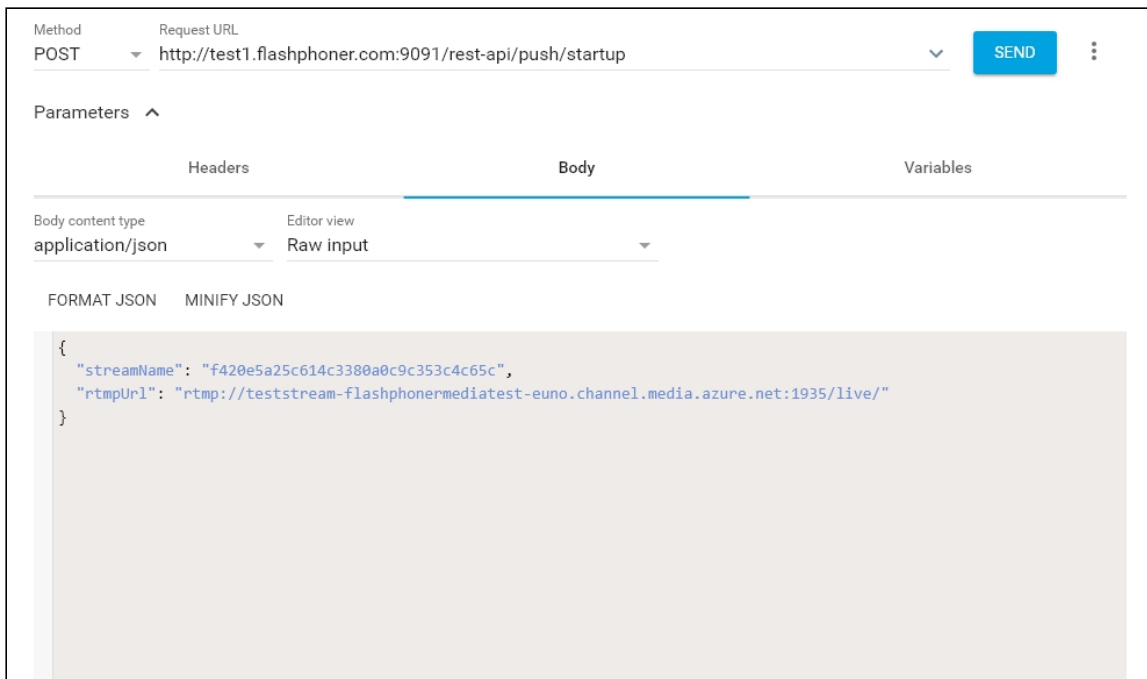
## 5. Running a broadcast from a web camera to the WCS server

Open the Two-way Streaming web application. Click the **Connect** button, then set the stream name under the **Local** window, then click **Publish**:



## 6. Start stream republishing via REST API

Open the [REST client](#). Send the `/push/startup` query to the WCS server specifying the name of the stream in the `streamName` parameter, and the recipient URL in the `rtmpUrl` parameter of the query:



```
200 OK 230.90 ms DETAILS ▾  
  
{  
  "mediaSessionId": "d0kinu9ekrb31ugko3qohp9d7j",  
  "streamName": "f420e5a25c614c3380a0c9c353c4c65c",  
  "rtmpUrl": "rtmp://teststream-flashphonermediatest-euno.channel.media.azure.net:1935/live/",  
  "width": 320,  
  "height": 240,  
  "muted": false,  
  "soundEnabled": false,  
  "options": {}  
}
```

## 7. Checking if Azure Media Services receives the stream

On the channel settings page in Azure, click **More** and in the dropdown list select **Preview**. The player page is shown (Flash is required):


### Channel preview

TESTSTREAM

Overview

PLAYBACK URL

Player



Select the source URL for the player