

# Republishing to Azure Media Services

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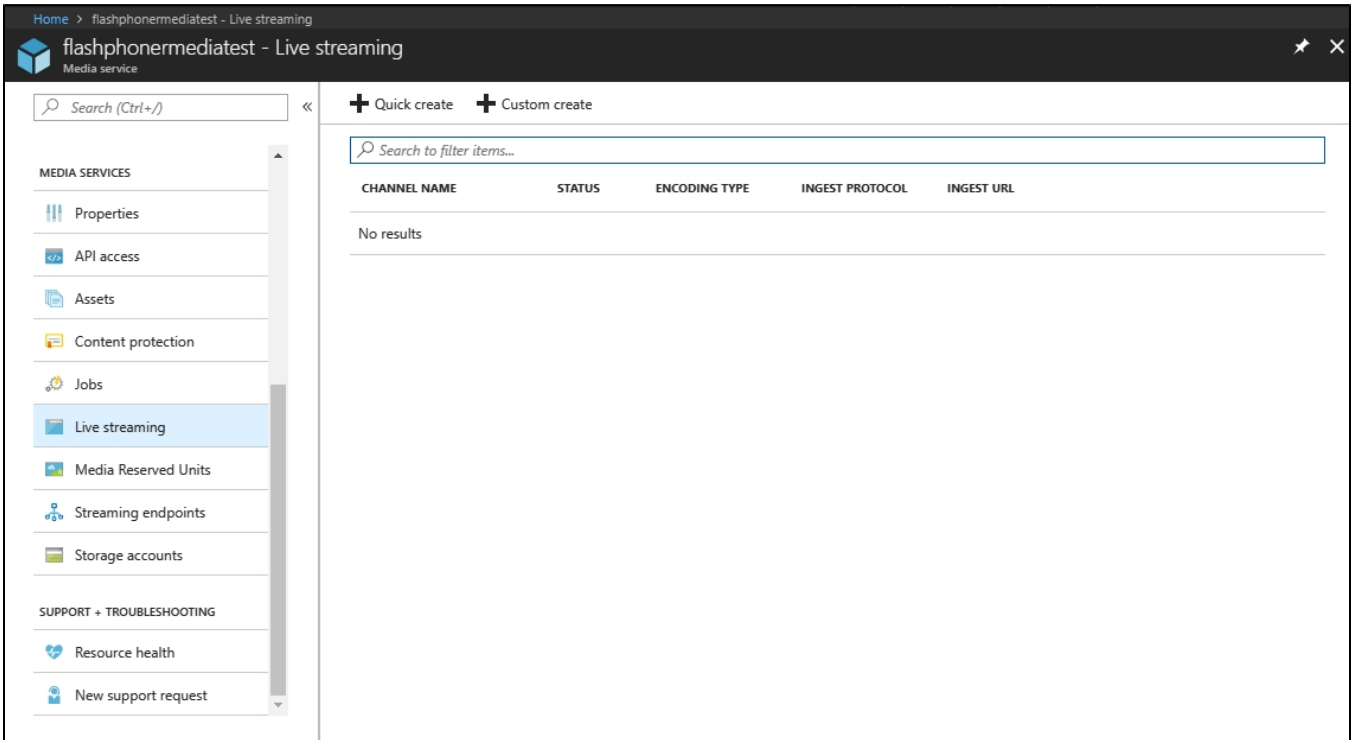
## Preparing to the test

1. For this test we use:

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

## Preparing to broadcasting to Azure Media Services

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



3. 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

INGEST URL (PRIMARY)

INGEST URL (SECONDARY)

**Live events**

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

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

```
rtmp_transponder_stream_name_prefix=
rtmp_transponder_send_metadata=true
```

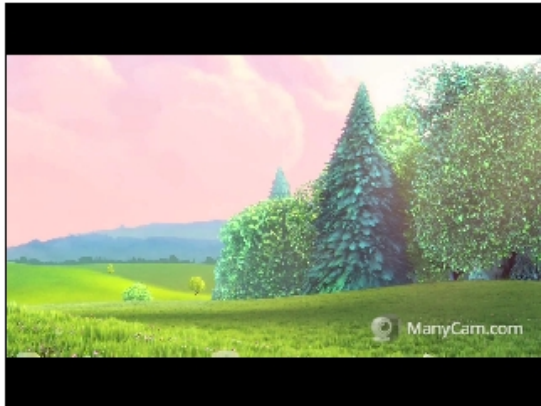
Restart WCS.

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

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

# Two-way Streaming

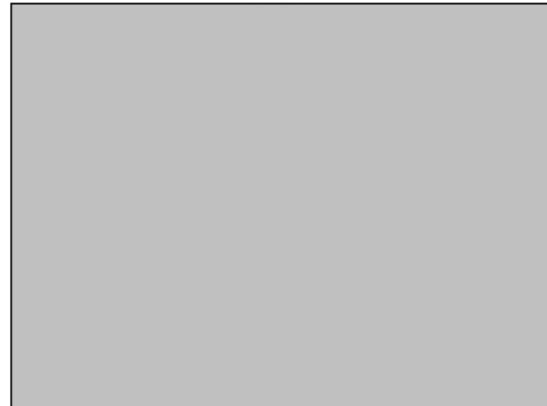
Local



f420e5a25c614c3380a0c9c353c4c65c

Stop

Player



3d48

Play

Available

PUBLISHING

wss://test1.flashphoner.com:8443

Disconnect

ESTABLISHED

## Stream republishing configuration

6. 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:

Method POST Request URL http://test1.flashphoner.com:9091/rest-api/push/startup SEND

Parameters

Headers Body Variables

Body content type application/json Editor view Raw input

FORMAT JSON MINIFY JSON

```
{
  "streamName": "f420e5a25c614c3380a0c9c353c4c65c",
  "rtmpUrl": "rtmp://teststream-flashphonermediatest-euno.channel.media.azure.net:1935/live/"
}
```

```
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": {}  
}
```

## Checking if Azure Media Services receives the stream

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

The screenshot shows a web browser window titled "Channel preview" with the sub-header "TESTSTREAM". The interface is divided into two main sections: "Overview" and "Player".

- Overview:** Contains a "PLAYBACK URL" field with the value `:-euno.channel.media.azure.net/preview.isml/manifest` and a document icon to its right.
- Player:** A video player area showing a landscape scene with green hills, trees, and a pinkish sky. A watermark "ManyCam.com" is visible in the bottom right corner of the video frame.

Below the player, there is a label "Select the source URL for the player" and a dropdown menu containing the URL `http://teststream-flashphonermediatest-euno.channel.media.azure.net/preview.isml/manif...`.