

# Republishing to WCS

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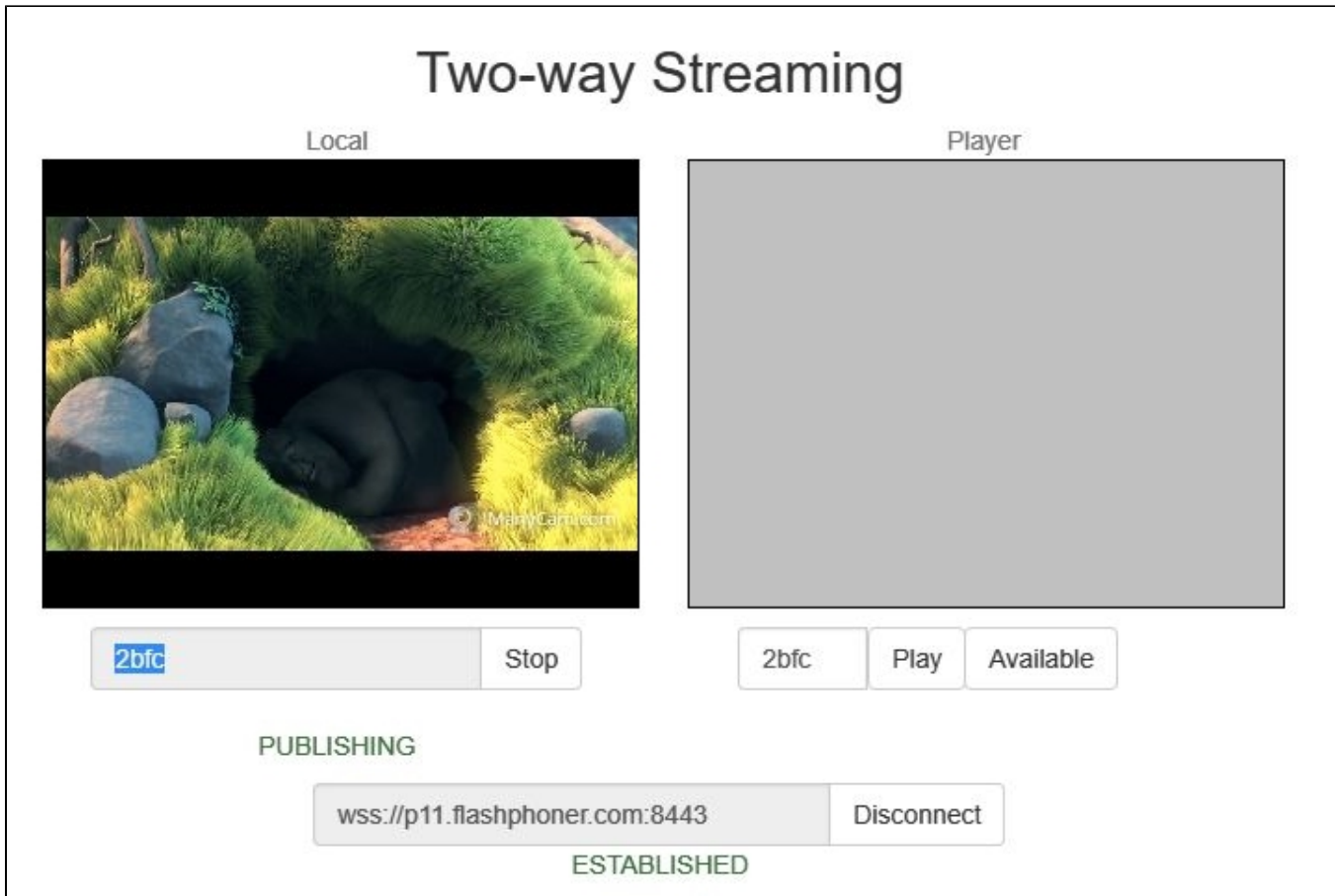
## Preparing to the test

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.
- the [Player](#) web application to play the stream on the target WCS server.

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

2. Open the Two-way Streaming application. Publish the broadcast, then copy the identifier of the stream:



## Stream republishing configuration

3. Open the [REST client](#). Send the /push/startup query to the WCS server specifying the identifier of the broadcast in the "streamName" parameter and the URL of the WCS server the stream is republished to in the "rtmpUrl" parameter:

Method: POST Request URL: http://p11.flashphoner.com:9091/rest-api/push/startup

Parameters: Headers, Body, Variables

Body content type: application/json Editor view: Raw input

FORMAT JSON MINIFY JSON

```
{
  "streamName": "2bfc",
  "rtmpUrl": "rtmp://p12.flashphoner.com:1935/live"
}
```

200 OK 235.40 ms DETAILS

Copy the identifier of the session identifier and the name of the stream republished to the WCS server from the query response:

200 OK 235.40 ms DETAILS

```
{
  "mediaSessionId": "qsdd6pb1f0t0ksja0j12a0u1vb",
  "streamName": "rtmp_2bfc",
  "rtmpUrl": "rtmp://p12.flashphoner.com:1935/live",
  "width": 320,
  "height": 240,
  "muted": false,
  "soundEnabled": false,
  "options": {}
}
```

## Checking if the WCS server receives the stream

4. On the target WCS server open the Player application. Set the URL of the WCS server and the stream name from the previous step in the "Stream" field. Click "Play":

## Player



**WCS URL** `wss://p12.flashphoner.cor`

**Stream** `rtmp://p12.flashphoner.co`

## Stopping republishing

5. Send the `/push/terminate` query and specify the session identifier in the `"mediaSessionId"` parameter of the query:

Method POST Request URL http://p11.flashphoner.com:9091/rest-api/push/terminate SEND

Parameters ^

Headers Body Variables

Body content type application/json Editor view Raw input

FORMAT JSON MINIFY JSON

```
{
  "mediaSessionId": "qsdd6pb1f0t0ksja0jl2a0u1vb"
}
```

200 OK 234.70 ms DETAILS

The player stops displaying the picture, and there is the "FAILED" message in the bottom of the window:

**WCS URL** wss://p12.flashphoner.cor

**Stream** rtmp://p12.flashphoner.co

**Volume**

**Full Screen**

FAILED  
FAILED Start