# Republishing to WCS

### 1. Preparing to the 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.
- the Player web application to play the stream on the target WCS server.

#### 2. Start a broadcast from a web camera to the WCS server

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

	Two-way St	tream	ing		
l	Local		P	layer	
	O Mairy Barry com				
2bfc	Stop	2bfc	Play	Available	
PUB	LISHING				
	wss://p11.flashphoner.com:844	3	Disconne	ct	
	ESTABLIS	HED		1.10	

3. Republish the stream using REST API

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 to republish the stream in the rtmpUrl parameter:

arameters 🔨			
Headers	5	Body	Variables
ody content type pplication/json	Editor view Raw input	~	
<pre>{     "streamName": "2bfc     "rtmpUrl": "rtmp://</pre>	", p12.flashphoner.com:1935/	live"	

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



#### 4. Checking if the WCS server receives the stream

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:



## 5. Stop stream republishing

Send the /push/terminate query and specify the session identifier in the mediaSessionId parameter of the query:

Aethod Request POST - http://	t URL /p11.flashphoner.com:9091/res	st-api/push/terminate	SEND :
Parameters 🔺			
He	aders	Body	Variables
ody content type application/json	Editor view Raw input	v	
FORMAT JSON MIN {     "mediaSessionId }	NIFY JSON !": "qsdd6pb1f0t0ksja0jl2a0u1	vb"	
200 OK 234.70 ms	3		DETAILS 🗸

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

WCS URL	wss://p12.flash	phoner.cor
Stream	rtmp://p12.flasl	nphoner.co
Volume		
Full Screen	5.7 25	
Full Screen	FAILED	Start