

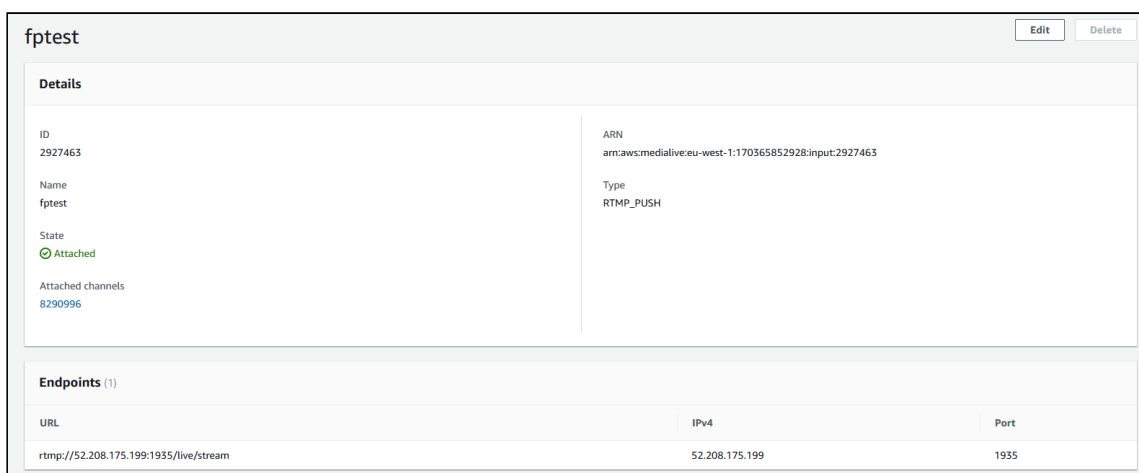
Republishing to AWS MediaLive

1. Preparing to test

For test we use:

- AWS MediaLive channel to receive RTMP and send RTMP to predefined address;
- WCS server `test.flashphoner.com`;
- WebRTC as RTMP web application to publish and republish a stream;
- mediaserver to receive RTMP stream from AWS MediaLive, WCS for example `rtmp.flashphoner.com`

2. AWS MediaLive configuration: Create an Input at AWS MediaLive to ingest RTMP



The screenshot shows the AWS MediaLive console interface for an input named 'fptest'. The 'Details' section includes the following information:

- ID:** 2927463
- Name:** fptest
- State:** Attached (indicated by a green checkmark)
- Attached channels:** 8290996
- ARN:** arn:aws:medialive:eu-west-1:170365852928:input:2927463
- Type:** RTMP_PUSH

The 'Endpoints (1)' section contains a table with the following data:

URL	IPv4	Port
rtmp://52.208.175.199:1935/live/stream	52.208.175.199	1935

3. AWS MediaLive configuration: Create channel with **Output group: RTMP**

fpctest Start Stop Channel Actions

Status

Channel state Idle	Pipelines running 0	Active alerts Pipeline 0
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[Details](#) | [Schedule](#) | [Alerts](#) | [Health](#) | [Settings](#) | [Destinations](#) | [Tags](#)

ID 8290996	ARN arn:aws:medialive:eu-west-1:170365852928:channel:8290996
Channel class SINGLE_PIPELINE	Role ARN -
Input attachments fpctest Input #2927463	

Input specifications

Input codec AVC	Input resolution SD	Maximum input bitrate MAX_10_MBPS
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fpctest Start Stop Channel Actions

Status

Channel state Idle	Pipelines running 0	Active alerts Pipeline 0
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[Details](#) | [Schedule](#) | [Alerts](#) | [Health](#) | [Settings](#) | [Destinations](#) | [Tags](#)

Egress endpoints (1)

Pipeline	Source IP
Pipeline 0	3.251.26.130

Destinations (1)

ID	Pipeline 0
slwr3b	rtmp://rtmp.flashphoner.com:1935/live

The detailed instructions to create AWS MediaLive channel can be found in [this Medium article](#) for example.

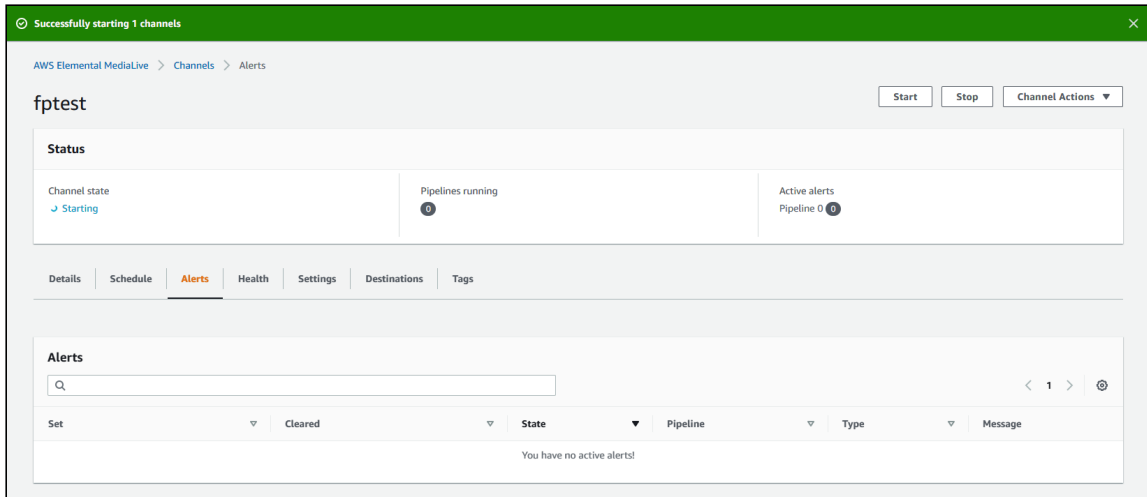
4. WCS configuration

Add the following parameters to `flashphoner.properties` file

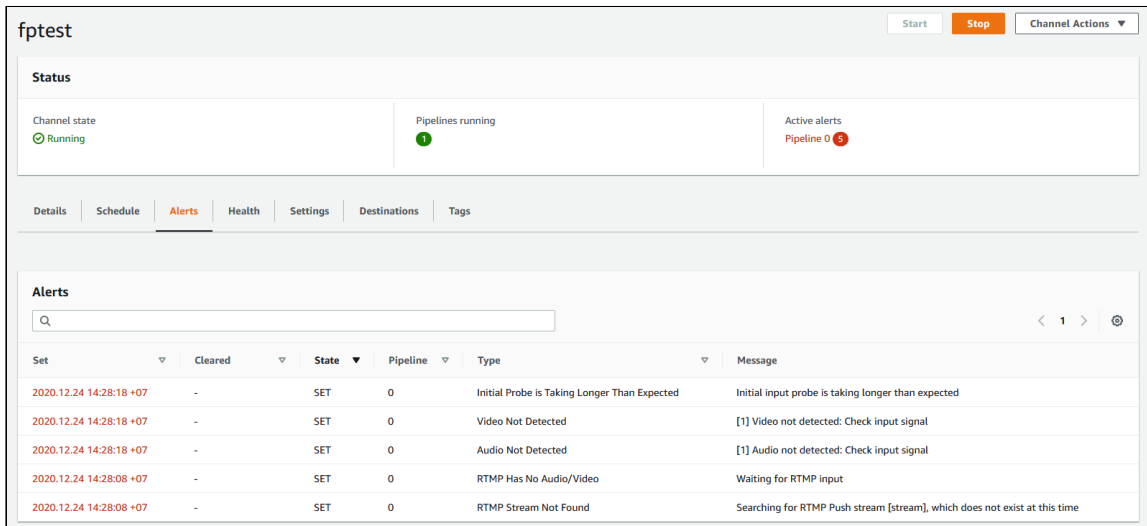
```
rtmp_transponder_full_url=true
rtmp_transponder_stream_name_prefix=
rtmp_flash_ver_subscriber=LNx 76.219.189.0
rtmp_transponder_send_metadata=true
```

and restart WCS

5. Start AWS MediaLive channel

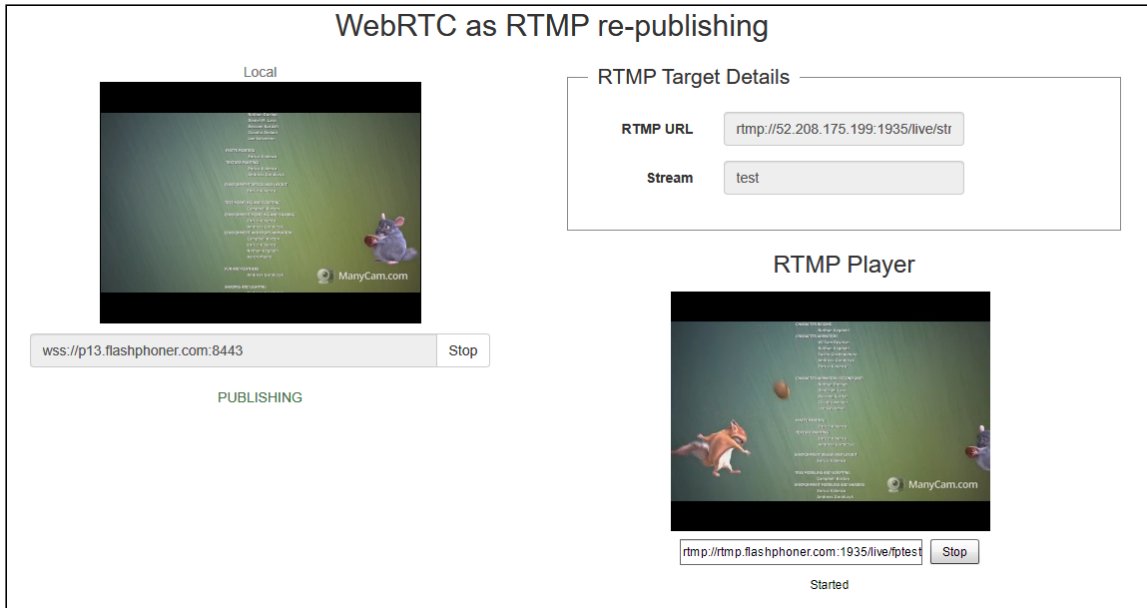


The following alerts will be shown if no input stream



6. Publish a stream in WebRTC as RTMP example

Publish a stream in WebRTC as RTMP example, setting RTMP URL of ingest point created at step 2



In RTMP player window set URL and name of the channel output stream created at step 3

7. Alerts will be cleared in AWS MediaLive channel window

fptest Start Stop Channel Actions ▾

Status

Channel state ● Running	Pipelines running 1	Active alerts Pipeline 0 0
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Details | Schedule | **Alerts** | Health | Settings | Destinations | Tags

Alerts

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Set	Cleared	State	Pipeline	Type	Message
2020.12.24 14:28:18 +07	2020.12.24 14:30:58 +07	CLEARED	0	Initial Probe is Taking Longer Than Expected	Initial input probe is taking longer than expected
2020.12.24 14:28:18 +07	2020.12.24 14:30:58 +07	CLEARED	0	Video Not Detected	[1] Video not detected: Check input signal
2020.12.24 14:28:18 +07	2020.12.24 14:30:58 +07	CLEARED	0	Audio Not Detected	[1] Audio not detected: Check input signal
2020.12.24 14:28:08 +07	2020.12.24 14:30:58 +07	CLEARED	0	RTMP Has No Audio/Video	Waiting for RTMP input
2020.12.24 14:28:08 +07	2020.12.24 14:30:58 +07	CLEARED	0	RTMP Stream Not Found	Searching for RTMP Push stream [stream], which does not exist at this time