

Ретрансляция на AWS MediaLive

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Подготовка к тестированию

1. Для теста используем:
- канал на AWS MediaLive, принимающий RTMP и отправляющий RTMPпо указанному адресу;
 - WCS сервер [test.flashphoner.com](#);
 - веб-приложениеWebRTC as RTMPдля публикации ретрансляции потока;
 - медиасервер, принимающий RTMP поток от AWS MediaLive,например, WCS [rtmp.flashphoner.com](#)

Подготовка к трансляции на AWS MediaLive

Настройка AWS MediaLive

2. Создайте Input на AWS MediaLive для приема RTMP

fpctest

EditDelete

Details

ID

2927463

Name

fpctest

State

🟢 Attached

Attached channels

[8290996](#)

ARN

arn:aws:medialive:eu-west-1:170365852928:input:2927463

Type

RTMP_PUSH

Endpoints (1)

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

3. Создайте канал с Output group: RTMP

fptest

Start

Stop

Channel Actions

Status

Channel state

Idle

Pipelines running

0

Active alerts

Pipeline 0

Details

Schedule

Alerts

Health

Settings

Destinations

Tags

ID

8290996

Channel class

SINGLE_PIPELINE

Input attachments

fptest

Input #2927463

ARN

arn:aws:medialive:eu-west-1:170365852928:channel:8290996

Role ARN

-

Input specifications

Input codec

AVC

Input resolution

SD

Maximum input bitrate

MAX_10_MBPS

fptest

Start

Stop

Channel Actions

Status

Channel state

Idle

Pipelines running

0

Active alerts

Pipeline 0

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

Более подробные инструкции по созданию канала можно найти, например, в [этой статье на Medium](#)

Настройка WCS

4. Добавьте следующие настройки в файл [flashphoner.properties](#)

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

и перезапустите WCS

Запуск трансляции

5. Запустите канал на AWS MediaLive

Successfully starting 1 channels

AWS Elemental MediaLive > Channels > Alerts

fptest

Start

Stop

Channel Actions

Status

Channel state

Starting

Pipelines running

0

Active alerts

Pipeline 0 0

Details

Schedule

Alerts

Health

Settings

Destinations

Tags

Alerts

< 1 >

Set

Cleared

State

Pipeline

Type

Message

You have no active alerts!

При отсутствии потока на входе отобразятся предупреждения

fptest

Start

Stop

Channel Actions

Status

Channel state

Running

Pipelines running

1

Active alerts

Pipeline 0 5

Details

Schedule

Alerts

Health

Settings

Destinations

Tags

Alerts

< 1 >

Set

Cleared

State

Pipeline

Type

Message

2020.12.24 14:28:18 +07

-

SET

0

Initial Probe is Taking Longer Than Expected

Initial input probe is taking longer than expected

2020.12.24 14:28:18 +07

-

SET

0

Video Not Detected

[1] Video not detected: Check input signal

2020.12.24 14:28:18 +07

-

SET

0

Audio Not Detected

[1] Audio not detected: Check input signal

2020.12.24 14:28:08 +07

-

SET

0

RTMP Has No Audio/Video

Waiting for RTMP input

2020.12.24 14:28:08 +07

-

SET

0

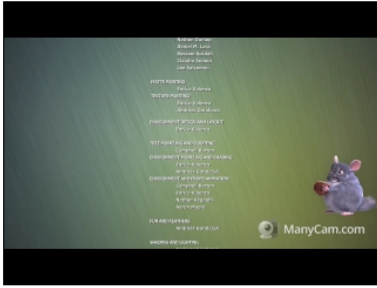
RTMP Stream Not Found

Searching for RTMP Push stream [stream], which does not exist at this time

6. Опубликуйте поток в примере WebRTC as RTMP, указав полный RTMP URL точки входа, созданной на шаге 2

WebRTC as RTMP re-publishing

Local



wss://p13.flashphoner.com:8443

Stop

PUBLISHING

RTMP Target Details

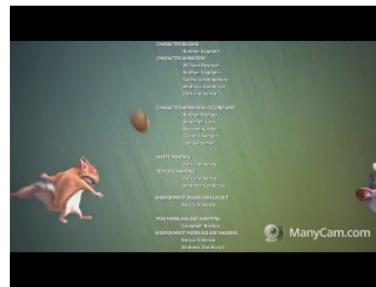
RTMP URL

rtmp://52.208.175.199:1935/live/str

Stream

test

RTMP Player



rtmp://rtmp.flashphoner.com:1935/live/ptest

Stop

Started

В окне RTMP плеера укажите URL и имя выходного потока канала, созданного на шаге 3

7. В окне AWS MediaLive предупреждения сбросятся

fptest

Start

Stop

Channel Actions

Status

Channel state

Running

Pipelines running

1

Active alerts

Pipeline 0 0

Details

Schedule

Alerts

Health

Settings

Destinations

Tags

Alerts

<

1

>

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