Ретрансляция на AWS MediaLive

1. Подготовка к тестированию

Для теста используем:

- канал на AWS MediaLlve, принимающий RTMP и отправляющий RTMP по указанному адресу;
- WCS cepBep test.flashphoner.com;
- веб-приложение WebRTC as RTMP для публикации и ретрансляции потока;
- медиасервер, принимающий RTMP поток от AWS MediaLive, например, WCS rtmp.flashphoner.com

2. Настройка AWS MediaLive: Создайте Input на AWS MediaLive для приема RTMP

fptest		Edit Delete
Details		
ID 2927463 Name fptss State ⊘ Attached Attached channels 8290996	ARN am: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. Настройка AWS MediaLive: Создайте канал с Output group: RTMP

fptest			Start	Stop Channel Actions V
Status				
Channel state Idle	Pipelines running		Active alerts Pipeline 0	
Details Schedule Alerts Health Settings	Destinations Tags			
ID 8290996		ARN am:aws:medialive:eu-west-1:170	365852928:channel:8290996	
Channel class SINGLE_PIPELINE		Role ARN -		
Input attachments fptest Input #2927463				
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	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

4. Настройка WCS

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

5. Запустите канал на AWS MediaLive

AWS Elemental MediaLive > Channels > Alerts			ccessfully starting 1 channels
Status Channel state > Starting Pipelines running O Details Schedule Alerts G Set v Glazed v State v Glazed v State v Glazed v State v State v State v State v State v State v State v State v State v State v State v State v State v State v State v State State State State State State State			VS Elemental MediaLive > Channels > Alerts
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	▽ Type ▽ Message	Cleared V State	Set V Cl
You have no active alerts!		You have	

При отсутствии потока на входе отобразятся предупреждения

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Status											
Channel state ⊘ Running					Pipelines	running			Active alerts Pipeline 0 (5)		
Details Schedule	Ale	rts Health	Set	tings Des	tinations Ta	ngs					
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Set	~	Cleared	~	State 🔻	Pipeline 🔻	Туре		⊽	Message		< 1 > ©
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Set 2020.12.24 14:28:18 +07 2020.12.24 14:28:18 +07	▽	Cleared -	⊽	State SET	Pipeline ⊽ 0 0	Type Initial Probe is T Video Not Detec	aking Longer Than Expected ted	~	Message Initial input probe is taking longer thar [1] Video not detected: Check input sig	n expected Inal	< 1 > ©
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6. Опубликуйте поток в примере WebRTC as RTMP

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

WebRTC as	RTMP re-publishing
Local	RTMP Target Details
k an a faith Charles an ann an Anna ann ann ann ann ann ann	RTMP URL rtmp://52.208.175.199:1935/live/str
And and an an and an	Stream test
Annuar of State St	RTMP Player
wss://p13.flashphoner.com:8443 Stop	Andre in Bart of Bart Barton Barton Construction Construction Construction
PUBLISHING	rtmp://ttmp.flas.hphoner.com:1935/flve/fptest Started

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

7. В окне AWS MediaLive предупреждения сбросятся

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