

RTP/SRT Streamer for Ad-Flow - QuickStart Guide

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Overview

The 'RTP/SRT Streamer for Ad-Flow' AMI is a pre-configured Amazon Machine Image designed to create RTP or SRT streams for testing Ad-Flow. This AMI comes with:

- * Ready-to-use streaming scripts
- * Sample video file containing simulated ads
- * Pre-configured streaming settings

Instance Setup

Create EC2 Instance:

1. Navigate to the EC2 instance dashboard
2. Click "Launch instance"
3. Under "Name and tags":
 - Provide a descriptive name (e.g., "test-streamer")
4. Under "Application and OS Images":
 - In the search box, type "ad-flow"
 - Select the "AWS Marketplace AMIs" tab
 - Choose "RTP/SRT Streamer for Ad-Flow (SCTE-35 Automated Insertion)"
5. Configure remaining options as needed for your environment
6. Click "Launch instance" and wait for initialization

Connect to Instance:

1. From the EC2 Instances page, select your instance
2. Click "Connect"
3. Select the "EC2 Instance Connect" tab
4. Enter "ec2-user" as the Username
5. Click "Connect"
6. Once connected, run "ls" to view available streaming scripts

Streaming Options

Stream via RTP:

Prerequisites:

- Active Ad-Flow instance running
- Ad-Flow's Private IPv4 address

Steps:

1. Locate Ad-Flow's Private IPv4 address
2. Execute the RTP streaming script by typing:

```
./rtpOutLoop.sh rtp://[AD-FLOW-IP]:5004
```

Replace [AD-FLOW-IP] with Ad-Flow's actual Private IPv4 address

Note: Ad-Flow is preconfigured to receive RTP streams on port 5004.

Stream via SRT:

Prerequisites:

- None (Ad-Flow instance can be launched after setup)

Steps:

1. Execute the SRT streaming script by typing:

```
./srtOutLoop.sh
```

Important Notes:

- The script configures the Streamer instance as the SRT connection receiver
- Streaming begins only when Ad-Flow connects to the Streamer
- The script uses default port 5004 for connections
- Ad-Flow will provide the output location upon connection