This line gets the m3u8 manifest: m3u8.load(stream\_url)

It works for the old files using:

stream\_url = 'https://s3-us-west-2.amazonaws.com/streaming-orcasound-net/rpi\_orcasound\_lab/hls/1703622618/live.m3u8'

it returns a list of ts segments:

#EXTM3U

#EXT-X-VERSION:3

#EXT-X-MEDIA-SEQUENCE:0

#EXT-X-ALLOW-CACHE:YES

#EXT-X-TARGETDURATION:11

#EXTINF:10.005422,

live000.ts

#EXTINF:10.005389,

live001.ts

#EXTINF:10.005422,

live002.ts

•••

it does not work for the new path:

stream\_url = 'https://us-west-2.console.aws.amazon.com/s3/buckets/audio-orcasound-net/rpi\_orcasound\_lab/hls/1736064019/live.m3u8'

But, this live.m3u8 does exist

And, when I go to it via the web browser and download it directly via the web, it has segments!!

#### Start at url:

https://us-west-2.console.aws.amazon.com/s3/buckets/audio-orcasound-net?prefix=rpi\_orcasound\_lab/hls/&region=us-west-2&bucketType=general

use find on 1736064019 open that folder and click on live.m3u8 and finally click on Download

upon clicking on Download, I get the following:

#EXTM3U

#EXT-X-VERSION:3

#EXT-X-MEDIA-SEQUENCE:0

#EXT-X-ALLOW-CACHE:YES

#EXT-X-TARGETDURATION:11

#EXTINF:10.005378,

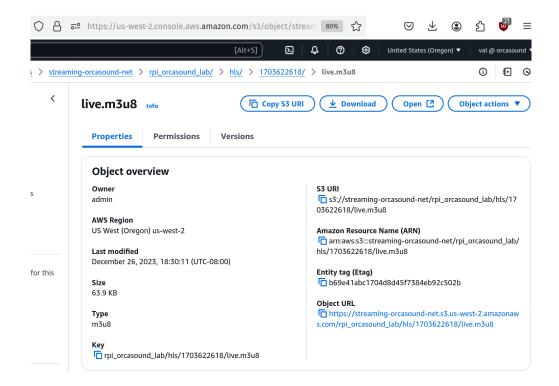
live000.ts

#EXTINF:10.005356,

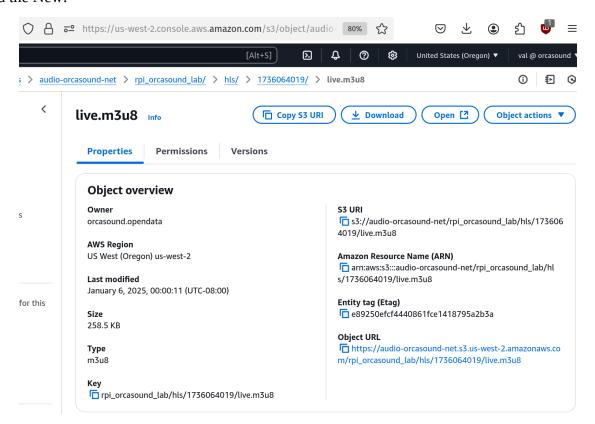
live001.ts

#EXTINF:10.005356, ...

# Here the 'old' m3u8 screenshot



## And the New:



Here is what happens when I run m3u8 on each of these two stream\_urls

## The old url:

```
Result:

| Fesult = (M3U8) < m3u8.model.M3U8 object at 0x7c84181f7c40> | 31 allow_cache = (str) 'yes' | 31 base_path = (NoneType) None | 32 base_path = (NoneType) None | 33 content_steering = (NoneType) None | 34 content_steering = (NoneType) None | 35 content_steering = (NoneType) None | 36 data = (dict: 23) ('allow_cache': 'yes', 'iframe_playlists': [], 'image_playlists': [], 'is_endlist': False, 'is_i_frames_only': False, 'is_images_only': False, 'is_images_only': False, 'is_indegeneral false = (list: 2159) ['live000.ts', 'live001.ts', 'live003.ts', 'live004.ts', 'live005.ts', 'live006.ts', 'live007.ts', 'live008.ts', 'live009.ts', 'live010.ts', 'li
```

#### The new url:

```
Result:

| result = (M3U8) < m3u8.model.M3U8 object at 0x7c8415dd6740>
| 31 allow_cache = (NoneType) None
| 32 base_path = (NoneType) None
| 33 base_path = (Str) 'https://us-west-2.console.aws.amazon.com/s3/buckets/audio-orcasound-net/rpi_orcasound_lab/hls/1736064019/*
| 32 content_steering = (NoneType) None
| 33 data = (dict: 20) ("iframe_playlists": [], "image_playlists": [], "is_endlist": False, "is_iframes_only": False, "is_images_only": False, "is_independent_segments | 32 discontinuity_sequence = (NoneType) None
| 34 files = (list: 0) [] | 35 iframe_playlists = (PlaylistList: 0) [] | 36 iframe_playlists = (PlaylistList: 0) [] | 37 is_endlist = (bool) False | 38 is_iframes_only = (bool) False | 39 is_independent_segments = (bool) False | 39 is_independent_segments = (bool) False | 39 is_independent_segments = (bool) False | 30 is_independent
```

See, NO files!!

I do note one difference. allow\_cache is 'yes' above and None below.

I am just executing the m3u8.load(the url) one after another. So, the allow\_cache difference comes from some unknown place. Hmmmmmm. I wonder if the new bucket has some different security than does the old one?