

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/®ion=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

The screenshot shows the AWS S3 console interface for the 'live.m3u8' object. The breadcrumb navigation path is: streaming-orcasound-net > rpi_orcasound_lab/ > hls/ > 1703622618/ > live.m3u8. The object name 'live.m3u8' is displayed with an 'Info' link. Action buttons include 'Copy S3 URI', 'Download', 'Open', and 'Object actions'. The 'Properties' tab is selected, showing the following details:

Object overview	
Owner admin	S3 URI s3://streaming-orcasound-net/rpi_orcasound_lab/hls/1703622618/live.m3u8
AWS Region US West (Oregon) us-west-2	Amazon Resource Name (ARN) arn:aws:s3::streaming-orcasound-net/rpi_orcasound_lab/hls/1703622618/live.m3u8
Last modified December 26, 2023, 18:30:11 (UTC-08:00)	Entity tag (Etag) b69e41abc1704d8d45f7384eb92c502b
Size 63.9 KB	Object URL https://streaming-orcasound-net.s3.us-west-2.amazonaws.com/rpi_orcasound_lab/hls/1703622618/live.m3u8
Type m3u8	
Key rpi_orcasound_lab/hls/1703622618/live.m3u8	

And the New:

The screenshot shows the AWS S3 console interface for the 'live.m3u8' object. The breadcrumb navigation path is: audio-orcasound-net > rpi_orcasound_lab/ > hls/ > 1736064019/ > live.m3u8. The object name 'live.m3u8' is displayed with an 'Info' link. Action buttons include 'Copy S3 URI', 'Download', 'Open', and 'Object actions'. The 'Properties' tab is selected, showing the following details:

Object overview	
Owner orcasound.opendata	S3 URI s3://audio-orcasound-net/rpi_orcasound_lab/hls/1736064019/live.m3u8
AWS Region US West (Oregon) us-west-2	Amazon Resource Name (ARN) arn:aws:s3::audio-orcasound-net/rpi_orcasound_lab/hls/1736064019/live.m3u8
Last modified January 6, 2025, 00:00:11 (UTC-08:00)	Entity tag (Etag) e89250efcf4440861fce1418795a2b3a
Size 258.5 KB	Object URL https://audio-orcasound-net.s3.us-west-2.amazonaws.com/rpi_orcasound_lab/hls/1736064019/live.m3u8
Type m3u8	
Key rpi_orcasound_lab/hls/1736064019/live.m3u8	

The old url:

The new url:

See, NO files!!

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?