

在starry中进行zlm推流，目前需要完善地方：

### 1. 有一定概率出现数组越界的情况

```
1970-01-01 00:00:08.158 W [MediaServer] [13-MediaServer] EventPoller.cpp:255 async_l | take time: 60ms, thread may be overloaded
1970-01-01 00:00:08.250 W [MediaServer] [13-MediaServer] socketutil.cpp:442 bind_sock4 | inet_pton to ipv4 address failed: 0:0:0:0
1970-01-01 00:00:08.307 I [MediaServer] [13-MediaServer] UdpServer.cpp:123 start_l | UDP server bind to [0:0:0:0]: 10000
1970-01-01 00:00:08.384 W [MediaServer] [13-MediaServer] EventPoller.cpp:255 async_l | take time: 78ms, thread may be overloaded
1970-01-01 00:00:08.426 W [MediaServer] [13-MediaServer] socketutil.cpp:442 bind_sock4 | inet_pton to ipv4 address failed: 0:0:0:0
1970-01-01 00:00:08.476 I [MediaServer] [13-MediaServer] TcpServer.cpp:221 start_l | TCP server listening on [0:0:0:0]: 10000
1970-01-01 00:00:08.534 W [MediaServer] [13-MediaServer] EventPoller.cpp:255 async_l | take time: 60ms, thread may be overloaded
1970-01-01 00:00:08.584 W [MediaServer] [13-MediaServer] socketutil.cpp:442 bind_sock4 | inet_pton to ipv4 address failed: 0:0:0:0
1970-01-01 00:00:08.584 I [MediaServer] [13-MediaServer] UdpServer.cpp:123 start_l | UDP server bind to [0:0:0:0]: 9000
[ 10.264319 0:17 axmem:416] Page fault address VA:0xfffff8000202afb not found in memory set
[ 10.264968 0:17 axmem:416] Page fault address VA:0xfffff8014911720 not found in memory set
```

### 2. 监听过程中重新启动， qemu-system-x86\_64: virtio: zero sized buffers are not allowed

```
1970-01-01 00:00:05.384 I [MediaServer] [11-MediaServer] UdpServer.cpp:123 start_l | UDP server bind to [0:0:0:0]: 10000
1970-01-01 00:00:05.393 W [MediaServer] [11-MediaServer] socketutil.cpp:442 bind_sock4 | inet_pton to ipv4 address failed: 0:0:0:0
1970-01-01 00:00:05.393 W [MediaServer] [11-MediaServer] TcpServer.cpp:221 start_l | TCP server listening on [0:0:0:0]: 10000
1970-01-01 00:00:05.393 W [MediaServer] [11-MediaServer] socketutil.cpp:442 bind_sock4 | inet_pton to ipv4 address failed: 0:0:0:0
1970-01-01 00:00:05.393 I [MediaServer] [11-MediaServer] UdpServer.cpp:123 start_l | UDP server bind to [0:0:0:0]: 9000
1970-01-01 00:00:09.021 W [MediaServer] [11-event poller 0] EventPoller.cpp:255 async_l | take time: 53ms, thread may be overloaded
1970-01-01 00:00:10.835 W [MediaServer] [11-event poller 0] EventPoller.cpp:255 async_l | take time: 415ms, thread may be overloaded
1970-01-01 00:00:27.519 W [MediaServer] [11-event poller 0] RtpSession.cpp:62 onError | 1-12(10.3.10.10:50090) RTSP推流器(__defaultVhost__/_live/test)断开:pusher session timeout,耗时(s):18
Seab105 (version 1.16.3-debian-1.16.3-2)

[PXE (https://ipxe.org) 00:03:0 CA00 PCI2.10 PnP PMM+7EFCAA40+7EF8AA40 CA00

Booting from ROM..
Initialize IDT & GDT...

    d8888      .d88888b. .d8888b.
    d88888      d88P" "Y88b d88P Y88b
    d88P888      888 888 Y88b
    d88P 888 888d888 .d8888b .d88b. 888 888 "Y88b.
    d88P 888 888P" d88P" d8P Y8b 888 888 "Y88b.
    d88P 888 888 888 88888888 888 888 "888
    d8888888888 888 Y88b. Y8b. Y88b. .d88P Y88b d88P
    d88P 888 888 "Y8888P" Y8888 "Y8888P" "Y8888P"

arch = x86_64
platform = x86_64-qemu-q35
target = x86_64-unknown-none
nbp = 1
build_mode = release
log_level = error

qemu-system-x86_64: virtio: zero sized buffers are not allowed
Running testcase: busybox sh
```

### 3. 推流完成一段时间后，出现下面报错

```
/ # 1970-01-01 00:05:05.563 W [MediaServer] [13-event poller 0] EventPoller.cpp:255 async_l | take time: 41ms, thread may be overloaded
[305.940891 0:26 linux_syscall_api::syscall_net::socket:526] unimplemented SocketType: SOCK_RAW
[305.941428 0:26 axruntime::lang_items:5] panicked at crates/linux_syscall_api/src/syscall_net/socket.rs:527:17:
not implemented
[305.942151 0:26 axbacktrace:43] Call trace:
[305.942474 0:26 axbacktrace::x86:91] 0xFFFFF8000267B3C
[305.942828 0:26 axbacktrace::x86:91] 0xFFFFF800027310E
[305.943208 0:26 axbacktrace::x86:91] 0xFFFFF8000273F00
[305.943562 0:26 axbacktrace::x86:91] 0xFFFFF8000290125
[305.943945 0:26 axbacktrace::x86:91] 0xFFFFF8000296FF1
[305.944299 0:26 axbacktrace::x86:91] 0xFFFFF80002A1EAD
[305.944681 0:26 axbacktrace::x86:91] 0xFFFFF80002716B1
[305.945034 0:26 axbacktrace::x86:91] 0xFFFFF8000202ADC
```

### 4. 有时还没传输视频，就断开了

```
1970-01-01 00:00:07.452 W [MediaServer] [11-MediaServer] EventPoller.cpp:112 addEvent | take time: 58ms, thread may be overloaded
1970-01-01 00:00:07.508 W [MediaServer] [11-MediaServer] socketutil.cpp:442 bind_sock4 | inet_pton to ipv4 address failed: 0:0:0:0
1970-01-01 00:00:07.508 W [MediaServer] [11-MediaServer] socketutil.cpp:442 bind_sock4 | inet_pton to ipv4 address failed: 0:0:0:0
1970-01-01 00:00:07.609 I [MediaServer] [11-MediaServer] UdpServer.cpp:123 start_l | UDP server bind to [0:0:0:0]: 10000
1970-01-01 00:00:07.618 W [MediaServer] [11-MediaServer] socketutil.cpp:442 bind_sock4 | inet_pton to ipv4 address failed: 0:0:0:0
1970-01-01 00:00:07.618 I [MediaServer] [11-MediaServer] TcpServer.cpp:221 start_l | TCP server listening on [0:0:0:0]: 10000
1970-01-01 00:00:07.693 W [MediaServer] [11-MediaServer] socketutil.cpp:442 bind_sock4 | inet_pton to ipv4 address failed: 0:0:0:0
1970-01-01 00:00:07.618 I [MediaServer] [11-MediaServer] UdpServer.cpp:123 start_l | UDP server bind to [0:0:0:0]: 9000
1970-01-01 00:00:11.893 W [MediaServer] [11-event poller 0] EventPoller.cpp:255 async_l | take time: 50ms, thread may be overloaded
1970-01-01 00:00:13.706 W [MediaServer] [11-event poller 0] EventPoller.cpp:255 async_l | take time: 415ms, thread may be overloaded
1970-01-01 00:00:33.898 W [MediaServer] [11-event poller 0] RtpSession.cpp:62 onError | 1-12(10.3.10.10:33082) RTSP推流器(__defaultVhost__/_live/test)断开:pusher session timeout,耗时(s):21
```