

知 Workspace E1010P01教师机屏幕广播黑屏

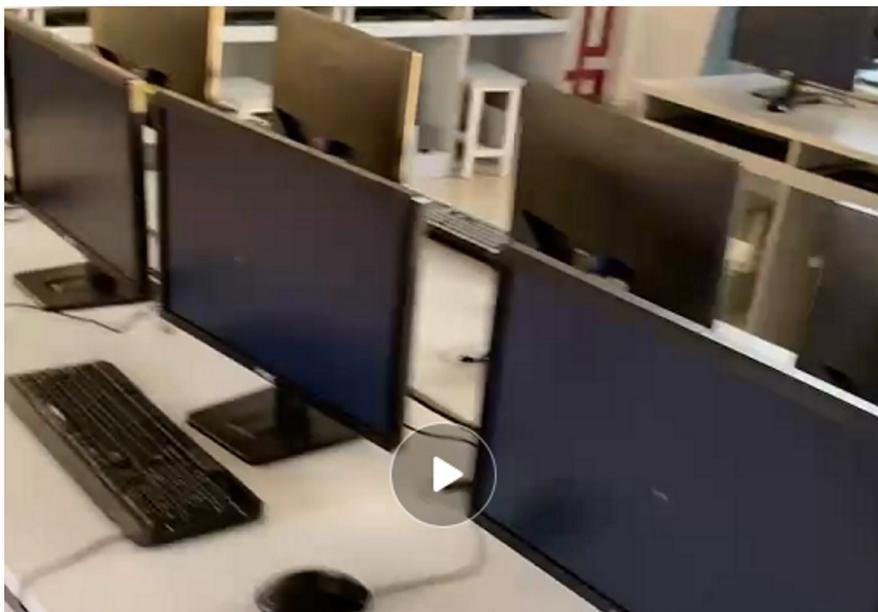
薛金涛 2022-01-16 发表

组网及说明

不涉及

问题描述

教师机使用屏幕广播功能时，学生机终端黑屏状态



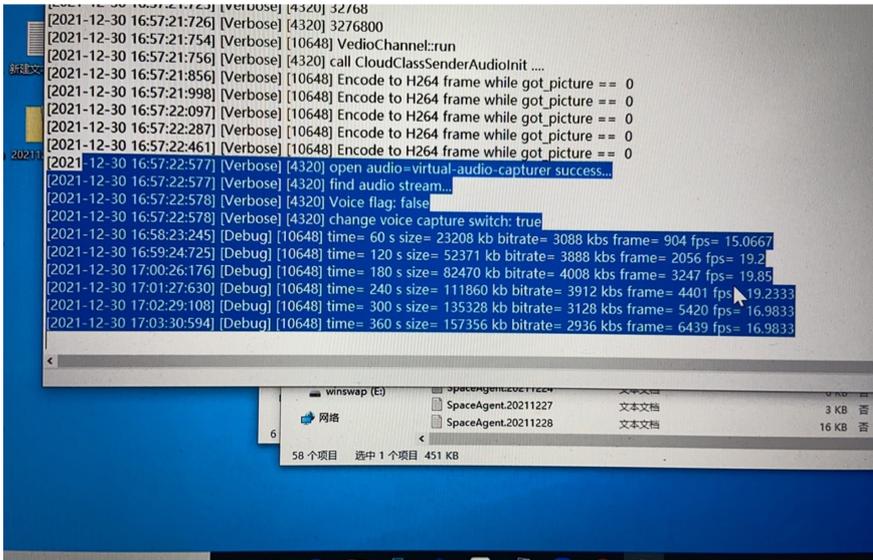
过程分析

- (1) 核对客户端以及Agent版本无误
- (2) 查看学生机screenrecive日志, 发现有丢帧, 报错too full or near too full、frame dropped

```
[2021-12-30 15:31:59:126] [Debug] [1752] real-time buffer [screen-capture-recorder] [video input] too full or near too full (545% of size: 3041280 [rtbufsize parameter])! frame dropped!  
[2021-12-30 15:31:59:126] [Debug] [1752] real-time buffer [screen-capture-recorder] [video input] too full or near too full (545% of size: 3041280 [rtbufsize parameter])! frame dropped!  
[2021-12-30 15:31:59:127] [Verbose] [6408] open audio=virtual-audio-capturer success...  
[2021-12-30 15:31:59:127] [Verbose] [6408] find audio stream...  
[2021-12-30 15:31:59:127] [Verbose] [6408] Voice flag: false  
[2021-12-30 15:31:59:127] [Verbose] [6408] change voice capture switch: true  
[2021-12-30 15:31:59:599] [Debug] [1752] real-time buffer [screen-capture-recorder] [video input] too full or near too full (545% of size: 3041280 [rtbufsize parameter])! frame dropped!  
[2021-12-30 15:32:02:386] [Debug] [1752] real-time buffer [screen-capture-recorder] [video input] too full or near too full (545% of size: 3041280 [rtbufsize parameter])! frame dropped!  
[2021-12-30 15:32:03:407] [Debug] [1752] real-time buffer [screen-capture-recorder] [video input] too full or near too full (545% of size: 3041280 [rtbufsize parameter])! frame dropped!  
[2021-12-30 15:32:03:969] [Debug] [1752] real-time buffer [screen-capture-recorder] [video input] too full or near too full (545% of size: 3041280 [rtbufsize parameter])! frame dropped!  
[2021-12-30 15:32:05:786] [Debug] [1752] real-time buffer [screen-capture-recorder] [video input] too full or near too full (545% of size: 3041280 [rtbufsize parameter])! frame dropped!  
[2021-12-30 15:32:06:678] [Debug] [1752] real-time buffer [screen-capture-recorder] [video input] too full or near too full (545% of size: 3041280 [rtbufsize parameter])! frame dropped!  
[2021-12-30 15:32:08:427] [Debug] [1752] real-time buffer [screen-capture-recorder] [video input] too full or near too full (545% of size: 3041280 [rtbufsize parameter])! frame dropped!  
[2021-12-30 15:32:08:993] [Debug] [1752] real-time buffer [screen-capture-recorder] [video input] too full or near too full (545% of size: 3041280 [rtbufsize parameter])! frame dropped!
```

- (3) 由于屏幕广播功能依赖教师机的显卡, 查看教师机显卡状态发现不正常, 尝试更新显卡驱动

- (4) 显卡驱动更新后, 发现能显示桌面, 但是卡顿在一个画面, 查看日志, 发现fps很低



- (5) 排查交换机网口速率, 发现大部分为百兆口, 与教师机千兆网口速率不匹配

