

知 Workspace E1010P01教师机屏幕广播黑屏

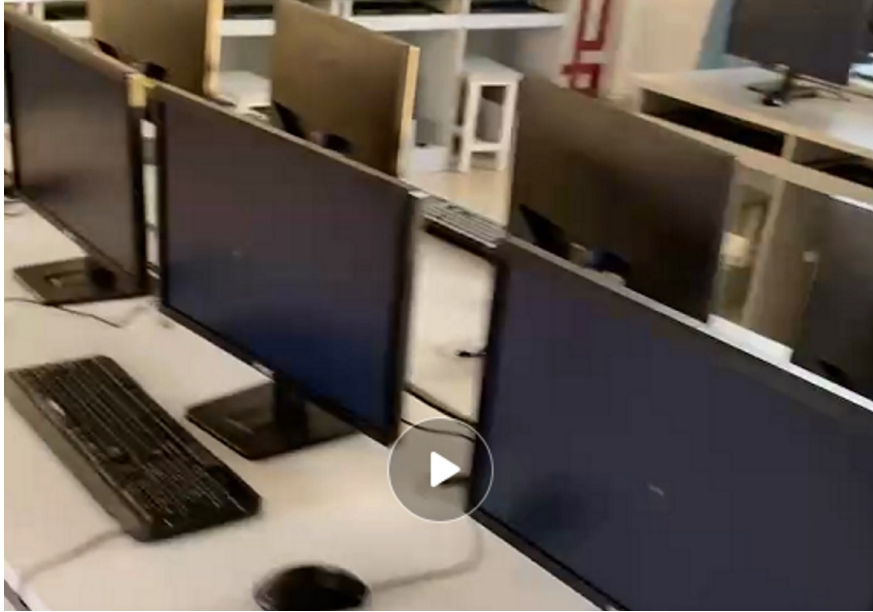
薛金涛 2022-01-16 发表

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

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[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 15:31:59:126] [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!
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- (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

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[2021-12-30 16:57:21:726] [Verbose] [4320] 32768  
[2021-12-30 16:57:21:726] [Verbose] [4320] 3276800  
[2021-12-30 16:57:21:754] [Verbose] [10648] VedioChannel:run  
[2021-12-30 16:57:21:756] [Verbose] [4320] call CloudClassSenderAudioInit ...  
[2021-12-30 16:57:21:856] [Verbose] [10648] Encode to H264 frame while got_picture == 0  
[2021-12-30 16:57:21:998] [Verbose] [10648] Encode to H264 frame while got_picture == 0  
[2021-12-30 16:57:22:097] [Verbose] [10648] Encode to H264 frame while got_picture == 0  
[2021-12-30 16:57:22:287] [Verbose] [10648] Encode to H264 frame while got_picture == 0  
[2021-12-30 16:57:22:461] [Verbose] [10648] Encode to H264 frame while got_picture == 0  
[2021-12-30 16:57:22:577] [Verbose] [4320] open audio=virtual-audio-capturer success...  
[2021-12-30 16:57:22:577] [Verbose] [4320] find audio stream...  
[2021-12-30 16:57:22:578] [Verbose] [4320] Voice flag: false  
[2021-12-30 16:57:22:578] [Verbose] [4320] change voice capture switch: true  
[2021-12-30 16:58:23:245] [Debug] [10648] time= 60 s size= 23208 kb bitrate= 3088 kbs frame= 904 fps= 15.0667  
[2021-12-30 16:59:24:725] [Debug] [10648] time= 120 s size= 52371 kb bitrate= 3888 kbs frame= 2056 fps= 19.2  
[2021-12-30 17:00:26:176] [Debug] [10648] time= 180 s size= 82470 kb bitrate= 4008 kbs frame= 3247 fps= 19.85  
[2021-12-30 17:01:27:630] [Debug] [10648] time= 240 s size= 111860 kb bitrate= 3912 kbs frame= 4401 fps= 19.2333  
[2021-12-30 17:02:29:108] [Debug] [10648] time= 300 s size= 135328 kb bitrate= 3128 kbs frame= 5420 fps= 16.9833  
[2021-12-30 17:03:30:594] [Debug] [10648] time= 360 s size= 157356 kb bitrate= 2936 kbs frame= 6439 fps= 16.9833
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- (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

