

某局点采用MSR5040 金融pos，终端为tcp拨入方式，测试发现拨号失败，并且设备有提示报错日志

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*Dec 7 15:25:16:248 2015 ZJ50DI01-A2 POSA/7/ERROR:
App 2: Failed to distribute terminal instance when receiving tcp packet(bafb1b0).
#Dec 7 15:25:36:252 2015 ZJ50DI01-A2 POSA/4/AppStateChange:
Trap 1.3.6.1.4.1.25506.2.92.3.0.2: The availability of application server 2 changed to 2.
*Dec 7 15:25:36:252 2015 ZJ50DI01-A2 POSA/7/EVENT:
```

收集拨号的debug 过程，具体如下面信息：

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*Dec 7 15:25:16:240 2015 ZJ50DI01-A2 POSA/7/PACKET:
Received 173 bytes from tcp terminal 255.
PktLen(0x00ab) ID(0x60) DST(0x8117) SRC(0x0000)
//收到pos 终端的数据
Total length: 173 Offset: 0, partial data as follows:
0x000: 00 ab 60 81 17 00 00 56 45 52 49 46 4f 4e 45 20
0x010: 20 20 20 20 20 20 20 20 20 20 56 58 36 38 30
*Dec 7 15:25:16:240 2015 ZJ50DI01-A2 POSA/7/EVENT:
App 2: Succeeded to send connecting request to server.
#Dec 7 15:25:16:241 2015 ZJ50DI01-A2 POSA/4/AppStateChange:
Trap 1.3.6.1.4.1.25506.2.92.3.0.2: The availability of application server 2 changed to 1.
*Dec 7 15:25:16:241 2015 ZJ50DI01-A2 POSA/7/EVENT:
App 2: Received ASYN_CONNECT message from socket(3), the return value is 0.
*Dec 7 15:25:16:241 2015 ZJ50DI01-A2 POSA/7/PACKET:
Sent 173 bytes to tcp application 2.
PktLen(0x00ab) ID(0x60) DST(0x8117) SRC(0x8002)
//发送报文给前置机，源是8002，目的8117
Total length: 173 Offset: 0, partial data as follows:
0x000: 00 ab 60 81 17 80 02 56 45 52 49 46 4f 4e 45 20
0x010: 20 20 20 20 20 20 20 20 20 20 56 58 36 38 30
*Dec 7 15:25:16:248 2015 ZJ50DI01-A2 POSA/7/EVENT:
App 2: Received ASYN_READ message from socket(3).
*Dec 7 15:25:16:248 2015 ZJ50DI01-A2 POSA/7/PACKET:
Received 33 bytes from tcp application 2.
PktLen(0x001f) ID(0x60) DST(0x8117) SRC(0x8002)
//收到前置机的回应报文，源是8002，目的是8117，跟发过去的报文都一样，源和目的都不改变（正常应该是源是8117，目的是8002），导致设备无法识别报文
Total length: 33 Offset: 0, partial data as follows:
0x000: 00 1f 60 81 17 80 02 32 30 31 31 30 30 30 20 20
0x010: 20 20 20 20 20 20 20 20 20 20 20 20 20 20
*Dec 7 15:25:16:248 2015 ZJ50DI01-A2 POSA/7/ERROR:
App 2: Failed to distribute terminal instance when receiving tcp packet(bafb1b0).
//设备无法识别前置机回应的报文，源和目的都不对
```

#Dec 7 15:25:36:252 2015 ZJ50DI01-A2 POSA/4/AppStateChange:

联系前置机厂家，修改回应的报文格式，问题解决。