

## 知 MSR3620与中兴M6000使用E1对接出现CRC错误包过多

广域网接口

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客户使用我司MSR3620与中兴M6000对接，M6000在总部使用CPOS接口，MSR在分支使用E1接口。对接时端口可以UP，但接口错误包很多，通过打环（本地环，远端环）测试，都正常，中兴正常，MSR也正常。同时设备不断打印错包过多提示。

```
%Oct 9 12:43:37:890 2015 H3C.R1 DRVMSG/1/DRVMSG: Serial3/0: The channel is deactivated because of too many continuous input errors. This
%Oct 9 12:43:38:024 2015 H3C.R1 DRVMSG/1/DRVMSG: Serial3/1: The channel is deactivated because of too many continuous input errors. This
%Oct 9 12:43:42:125 2015 H3C.R1 DRVMSG/1/DRVMSG: Serial3/0: The Channelchannel is activated.
%Oct 9 12:43:42:125 2015 H3C.R1 DRVMSG/1/DRVMSG: Serial3/1: The Channelchannel is activated.
%Oct 9 12:43:42:868 2015 H3C.R1 DRVMSG/1/DRVMSG: Serial3/1: The channel is deactivated because of too many continuous input errors. This
%Oct 9 12:43:42:951 2015 H3C.R1 DRVMSG/1/DRVMSG: Serial3/0: The channel is deactivated because of too many continuous input errors. This
%Oct 9 12:43:47:125 2015 H3C.R1 DRVMSG/1/DRVMSG: Serial3/0: The Channelchannel is activated.
%Oct 9 12:43:47:125 2015 H3C.R1 DRVMSG/1/DRVMSG: Serial3/1: The Channelchannel is activated.
%Oct 9 12:43:47:390 2015 H3C.R1 DRVMSG/1/DRVMSG: Serial3/0: The channel is deactivated because of too many continuous input errors. This
```

通过display interface Serial3/0也可以看到很多CRC错误包

```
dis int s3/0
Serial3/0
Current state: UP
Line protocol state: UP
Description: To XingAnMeng_2M_1
Bandwidth: 2048kbps
Maximum Transmit Unit: 1500
Hold timer: 10 seconds
Physical layer is E1-F, baudrate is 2048000 bps
fe1 unframed
Internet Address is 24.3.49.178/30 Primary
Link layer protocol: PPP
LCP: opened, IPCP: stopped, MPLSCP: opened
Output queue - Urgent queuing: Size/Length/Discards 0/100/0
Output queue - Protocol queuing: Size/Length/Discards 0/500/0
Output queue - FIFO queuing: Size/Length/Discards 0/75/0
Last clearing of counters: Never
Last 300 seconds input rate: 50.74 bytes/sec, 405 bits/sec, 21.55 packets/sec
Last 300 seconds output rate: 108.21 bytes/sec, 865 bits/sec, 1.17 packets/sec
Input:
 49727 packets, 52689 bytes
 0 broadcasts, 0 multicasts
4284163 errors, 0 runts, 83 giants
2146270 CRC, 2125016 align errors, 0 overruns
12794 aborts, 0 no buffers, 0 frame errors
Output:
1460 packets, 71155 bytes
 0 errors, 0 underruns, 0 collisions
 0 deferred
```

通过对中兴和MSR接口分析，发现两端flag不一致导致错包过多

在中兴的M6000-S路由器上将2M接口上的V5字节由原来的001更改为010字节，就通了，MSR3620端无需更改

```
H3C(config)#controller cpos3-0/2/0/1
```

```
H3C(config-ctrl-e1)#flag v5 010
```

在与中兴对接时注册修改flag参数至一致。

在使用MSR与中兴对接时注意修改flag参数至一致。

