

知 CR16000-M1A设备部分接口不可用

以太网接口 季晨鹏 1天前 发表

组网及说明

不涉及

告警信息

无

问题描述

现场反馈路由器查看display interface brief发现设备只有部分接口可用，其他接口不显示，但是设备外观上不止显示的这些接口。

过程分析

`port-working-mode`命令用来设置设备的端口模式。
`undo port-working-mode`命令用来恢复缺省情况。

【命令】

```
port-working-mode { hg2-card | hg4-xp12 }  
undo port-working-mode
```

【缺省情况】

设备的端口模式为hg4-xp12。

【视图】

系统视图

【缺省用户角色】

network-admin

【参数】

hg2-card: 该端口模式下，仅6个GE（1-6端口）、20个XGE（7-26端口）、2个HGE（27、28端口）、4个GE电口（31-34端口）和接口卡槽位可用。
hg4-xp12: 该端口模式下，仅12个XGE（15-26端口）和4个HGE（27-30端口）可用。

【举例】

```
# 将设备的端口模式配置为hg2-card。  
<Sysname> system-view  
[Sysname] port-working-mode hg2-card
```

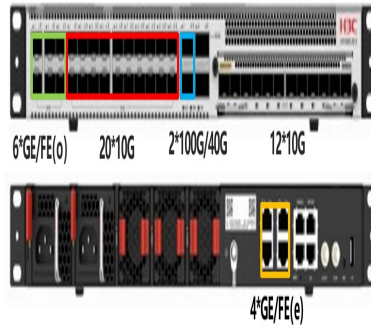
【相关命令】

- display `port-working-mode`

模式一介绍

- Type 1: 汇聚接入大上行场景，上行端口100G/40G，下行扩展20*10GE及10*GE，支持灵活插卡

接口模式一: 2*100G/40G+20*10G+10*GE+子卡



配置与查看方式

[DUT]port-working-mode ?

hg2-card Specify the hg2-card mode. In this mode, only six GE ports (1 to 6), 20 XGE ports (7 to 26), two HE ports (27 and 28), four GE copper ports (31 to 34) and the card slot are available

hg4-xp12 Specify the hg4-xp12 mode. In this mode, only four HGE ports (27 to 30) and 12 XGE ports (15 to 26) are available

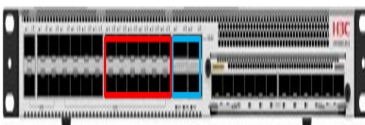
[DUT]display port-working-mode

Current port working mode: hg2-card. Specify the hg2-card mode. In this mode, only six GE ports (1 to 6), 20 XGE ports (7 to 26), two HE ports (27 and 28), four GE copper ports (31 to 34) and the card slot are available

Next port working mode: hg2-card. Specify the hg2-card mode. In this mode, only six GE ports (1 to 6), 20 XGE ports (7 to 26), two HE ports (27 and 28), four GE copper ports (31 to 34) and the card slot are available

模式二介绍

接口模式一: 4*100G/40G+12*10G:



12*10G 4*100G/40G

- Type 2: 100GE串行场景，支持端口100G/40G、12端口
万兆满足端口收敛场景下高速转发

TYPE切换要重启

解决方法

这个设备有两个模式，对应**部分接口可用**

切换命令如下，**切换需要重启**。现场根据接口需求灵活修改模式。如果不能满足需求建议现场联系市场。

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hg4-xp12 Specify the hg4-xp12 mode. In this mode, only four HGE ports (27 to 30) and 12 XGE ports (15 to 26) are available

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Next port working mode: hg2-card. Specify the hg2-card mode. In this mode, only six GE ports (1 to 6), 20 XGE ports (7 to 26), two HE ports (27 and 28), four GE copper ports (31 to 34) and the card slot are available

