

知 某局点 S12500X-AF 接口无法识别光模块

光模块 李鹏飞 2022-04-24 发表

组网及说明

不涉及

告警信息

%Apr 19 00:00:31:841 2022 QYDXD331-M-02-01 OPTMOD/4/MODULE_IN: -Slot=1; HundredGigE1/0/15: The transceiver is UNKNOWN_QSFP_PLUS.

问题描述

单个接口无法识别光模块，替换测试确定为接口问题

HundredGigE1/0/15 transceiver information:

Reading or writing information from the transceiver failed.

过程分析

HGE1/0/15 4 13 ce13 no no 0x138 25 down

查看locallog, I2C无法读取光模块, 根据现场测试情况, 判断是接口的I2C故障

Chassis00 slot01 2022/04/19 01:33:43:887251 [LINE:2312-TASK:BLK4-FUNC:drv_port_i2c_read_from_phy82381]:Read optical register error, unit is 4 port is 13.

Chassis00 slot01 2022/04/19 01:33:43:902431 [LINE:2321-TASK:BLK4-FUNC:drv_port_i2c_read_from_phy82381]:Read2 optical register error, unit is 4 port is 13.

Chassis00 slot01 2022/04/19 01:33:43:902466 [LINE:2406-TASK:BLK4-FUNC:DRV_PORT_MODULE_I2C_SREAD]:I2C_READ error! u=4 p=13 i2caddr=80 addr=86 byte=1

Chassis00 slot01 2022/04/19 01:33:43:999610 [LINE:4829-TASK:BLK4-FUNC:drv_port_i2c_module_state_set_for_QSFP]:I2C read error: ucRegVal = 0x0,ulRet = 1073807361

Chassis00 slot01 2022/04/19 01:33:43:999651 [LINE:4551-TASK:BLK4-FUNC:drv_port_txdisable_set]:drv_port_txdisable_set return error ret 0x40010001

解决方法

更换识别

