



# 某局点5130S-HI与终端互联端口不定时震荡

以太网接口

赵卓

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## 组网及说明

交换机与终端跨配线架连接

#### 问题描述

多台5130S-HI通过配线架分别与多台不同型号终端互联，客户报障部分交换机端口不定时up/down，影响业务。故障交换机不固定，故障交换机上震荡端口不固定，故障终端涉及pc，打卡机，查询仪等，震荡时间不定时。

## 过程分析

查看交换机日志，发现故障端口震荡只是简单的网口先物理up/down，再协议up/down。震荡时间不确定，震荡次数不固定。

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%Jun 28 11:33:22:781 2021 L2SW_03 IFNET/3/PHY_UPDOWN: Physical state on the interface GigabitEthernet2/0/5 changed to down.
%Jun 28 11:33:22:781 2021 L2SW_03 IFNET/3/PHY_UPDOWN: Physical state on the interface GigabitEthernet2/0/5 changed to down.
%Jun 28 11:33:22:789 2021 L2SW_03 IFNET/5/LINK_UPDOWN: Line protocol state on the interface GigabitEthernet2/0/5 changed to down.
%Jun 28 11:33:22:789 2021 L2SW_03 IFNET/5/LINK_UPDOWN: Line protocol state on the interface GigabitEthernet2/0/5 changed to down.
%Jun 28 11:33:25:793 2021 L2SW_03 IFNET/3/PHY_UPDOWN: Physical state on the interface GigabitEthernet2/0/5 changed to up.
%Jun 28 11:33:25:796 2021 L2SW_03 IFNET/5/LINK_UPDOWN: Line protocol state on the interface GigabitEthernet2/0/5 changed to up.
%Jun 28 11:33:37:699 2021 L2SW_03 IFNET/3/PHY_UPDOWN: Physical state on the interface GigabitEthernet2/0/5 changed to down.
%Jun 28 11:33:37:699 2021 L2SW_03 IFNET/3/PHY_UPDOWN: Physical state on the interface GigabitEthernet2/0/5 changed to down.
%Jun 28 11:33:37:703 2021 L2SW_03 IFNET/5/LINK_UPDOWN: Line protocol state on the interface GigabitEthernet2/0/5 changed to down.
%Jun 28 11:33:37:703 2021 L2SW_03 IFNET/5/LINK_UPDOWN: Line protocol state on the interface GigabitEthernet2/0/5 changed to down.
%Jun 28 11:33:41:333 2021 L2SW_03 IFNET/3/PHY_UPDOWN: Physical state on the interface GigabitEthernet2/0/5 changed to up.
%Jun 28 11:33:41:336 2021 L2SW_03 IFNET/5/LINK_UPDOWN: Line protocol state on the interface GigabitEthernet2/0/5 changed to up.
%Jun 28 11:44:08:539 2021 L2SW_03 IFNET/3/PHY_UPDOWN: Physical state on the interface GigabitEthernet1/0/23 changed to down.
%Jun 28 11:44:08:539 2021 L2SW_03 IFNET/3/PHY_UPDOWN: Physical state on the interface GigabitEthernet1/0/23 changed to down.
%Jun 28 11:44:08:544 2021 L2SW_03 IFNET/5/LINK_UPDOWN: Line protocol state on the interface GigabitEthernet1/0/23 changed to down.
%Jun 28 11:44:08:544 2021 L2SW_03 IFNET/5/LINK_UPDOWN: Line protocol state on the interface GigabitEthernet1/0/23 changed to down.
%Jun 28 11:49:16:884 2021 L2SW_03 IFNET/3/PHY_UPDOWN: Physical state on the interface GigabitEthernet2/0/33 changed to up.
%Jun 28 11:49:16:886 2021 L2SW_03 IFNET/5/LINK_UPDOWN: Line protocol state on the interface GigabitEthernet2/0/33 changed to up.
%Jun 28 11:52:14:537 2021 L2SW_03 IFNET/3/PHY_UPDOWN: Physical state on the interface GigabitEthernet1/0/30 changed to down.
%Jun 28 11:52:14:537 2021 L2SW_03 IFNET/3/PHY_UPDOWN: Physical state on the interface GigabitEthernet1/0/30 changed to down.
%Jun 28 11:52:14:539 2021 L2SW_03 IFNET/5/LINK_UPDOWN: Line protocol state on the interface GigabitEthernet1/0/30 changed to down.
%Jun 28 11:52:14:539 2021 L2SW_03 IFNET/5/LINK_UPDOWN: Line protocol state on the interface GigabitEthernet1/0/30 changed to down.
%Jun 28 11:52:33:363 2021 L2SW_03 IFNET/3/PHY_UPDOWN: Physical state on the interface GigabitEthernet1/0/30 changed to up.
%Jun 28 11:52:33:364 2021 L2SW_03 IFNET/5/LINK_UPDOWN: Line protocol state on the interface GigabitEthernet1/0/30 changed to up.
%Jun 28 11:53:13:426 2021 L2SW_03 IFNET/3/PHY_UPDOWN: Physical state on the interface GigabitEthernet1/0/30 changed to down.
%Jun 28 11:53:13:426 2021 L2SW_03 IFNET/3/PHY_UPDOWN: Physical state on the interface GigabitEthernet1/0/30 changed to down.
%Jun 28 11:53:13:428 2021 L2SW_03 IFNET/5/LINK_UPDOWN: Line protocol state on the interface GigabitEthernet1/0/30 changed to down.
%Jun 28 11:53:13:428 2021 L2SW_03 IFNET/5/LINK_UPDOWN: Line protocol state on the interface GigabitEthernet1/0/30 changed to down.
%Jun 28 11:53:16:377 2021 L2SW_03 IFNET/3/PHY_UPDOWN: Physical state on the interface GigabitEthernet1/0/30 changed to up.
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%Jun 28 11:53:16:387 2021 L2SW\_03 IFNET/5/LINK\_UPDOWN: Line protocol state on the interface GigabitEthernet1/0/30 changed to up.

#### 解决方法

%Jun 28 11:53:21:439 2021 L2SW\_03 IFNET/3/PHY\_UPDOWN: Physical state on the interface GigabitEthernet1/0/30 changed to down.

修改终端休眠模式，使终端不休眠，故障不再复现。

%Jun 28 11:53:21:439 2021 L2SW\_03 IFNET/3/PHY\_UPDOWN: Physical state on the interface GigabitEthernet1/0/30 changed to down.

%Jun 28 11:53:21:440 2021 L2SW\_03 IFNET/5/LINK\_UPDOWN: Line protocol state on the interface GigabitEthernet1/0/30 changed to down.

%Jun 28 11:53:21:440 2021 L2SW\_03 IFNET/5/LINK\_UPDOWN: Line protocol state on the interface GigabitEthernet1/0/30 changed to down.

%Jun 28 11:53:24:468 2021 L2SW\_03 IFNET/3/PHY\_UPDOWN: Physical state on the interface GigabitEthernet1/0/30 changed to up.

%Jun 28 11:53:24:471 2021 L2SW\_03 IFNET/5/LINK\_UPDOWN: Line protocol state on the interface GigabitEthernet1/0/30 changed to up.

%Jun 28 12:27:24:917 2021 L2SW\_03 IFNET/3/PHY\_UPDOWN: Physical state on the interface GigabitEthernet1/0/30 changed to down.

%Jun 28 12:27:24:917 2021 L2SW\_03 IFNET/3/PHY\_UPDOWN: Physical state on the interface GigabitEthernet1/0/30 changed to down.

%Jun 28 12:27:24:922 2021 L2SW\_03 IFNET/5/LINK\_UPDOWN: Line protocol state on the interface GigabitEthernet1/0/30 changed to down.

%Jun 28 12:27:24:922 2021 L2SW\_03 IFNET/5/LINK\_UPDOWN: Line protocol state on the interface GigabitEthernet1/0/30 changed to down.

%Jun 28 12:27:27:564 2021 L2SW\_03 IFNET/3/PHY\_UPDOWN: Physical state on the interface GigabitEthernet1/0/30 changed to up.

%Jun 28 12:27:27:579 2021 L2SW\_03 IFNET/5/LINK\_UPDOWN: Line protocol state on the interface GigabitEthernet1/0/30 changed to up.

%Jun 28 12:27:50:206 2021 L2SW\_03 IFNET/3/PHY\_UPDOWN: Physical state on the interface GigabitEthernet1/0/30 changed to down.

%Jun 28 12:27:50:206 2021 L2SW\_03 IFNET/3/PHY\_UPDOWN: Physical state on the interface GigabitEthernet1/0/30 changed to down.

%Jun 28 12:27:50:228 2021 L2SW\_03 IFNET/5/LINK\_UPDOWN: Line protocol state on the interface GigabitEthernet1/0/30 changed to down.

%Jun 28 12:27:50:228 2021 L2SW\_03 IFNET/5/LINK\_UPDOWN: Line protocol state on the interface GigabitEthernet1/0/30 changed to down.

%Jun 28 12:27:53:214 2021 L2SW\_03 IFNET/3/PHY\_UPDOWN: Physical state on the interface GigabitEthernet1/0/30 changed to up.

%Jun 28 12:27:53:228 2021 L2SW\_03 IFNET/5/LINK\_UPDOWN: Line protocol state on the interface GigabitEthernet1/0/30 changed to up.

%Jun 28 12:58:23:321 2021 L2SW\_03 IFNET/3/PHY\_UPDOWN: Physical state on the interface GigabitEthernet1/0/24 changed to up.

%Jun 28 12:58:23:336 2021 L2SW\_03 IFNET/5/LINK\_UPDOWN: Line protocol state on the interface GigabitEthernet1/0/24 changed to up.

%Jun 28 13:12:03:091 2021 L2SW\_03 IFNET/3/PHY\_UPDOWN: Physical state on the interface GigabitEthernet2/0/3 changed to down.

%Jun 28 13:12:03:091 2021 L2SW\_03 IFNET/3/PHY\_UPDOWN: Physical state on the interface GigabitEthernet2/0/3 changed to down.

%Jun 28 13:12:03:099 2021 L2SW\_03 IFNET/5/LINK\_UPDOWN: Line protocol state on the interface GigabitEthernet2/0/3 changed to down.

%Jun 28 13:12:03:099 2021 L2SW\_03 IFNET/5/LINK\_UPDOWN: Line protocol state on the interface GigabitEthernet2/0/3 changed to down.

%Jun 28 13:12:05:982 2021 L2SW\_03 IFNET/3/PHY\_UPDOWN: Physical state on the interface GigabitEthernet2/0/3 changed to up.

%Jun 28 13:12:05:984 2021 L2SW\_03 IFNET/5/LINK\_UPDOWN: Line protocol state on the interface GigabitEthernet2/0/3 changed to up.

%Jun 28 13:12:14:803 2021 L2SW\_03 IFNET/3/PHY\_UPDOWN: Physical state on the interface GigabitEthernet2/0/3 changed to down.

%Jun 28 13:12:14:803 2021 L2SW\_03 IFNET/3/PHY\_UPDOWN: Physical state on the interface GigabitEthernet2/0/3 changed to down.

%Jun 28 13:12:14:806 2021 L2SW\_03 IFNET/5/LINK\_UPDOWN: Line protocol state on the interface GigabitEthernet2/0/3 changed to down.

%Jun 28 13:12:14:806 2021 L2SW\_03 IFNET/5/LINK\_UPDOWN: Line protocol state on the interface GigabitEthernet2/0/3 changed to down.

%Jun 28 13:12:18:321 2021 L2SW\_03 IFNET/3/PHY\_UPDOWN: Physical state on the interface GigabitEthernet2/0/3 changed to up.

%Jun 28 13:12:18:333 2021 L2SW\_03 IFNET/5/LINK\_UPDOWN: Line protocol state on the interface  
GigabitEthernet2/0/3 changed to up.