

知 S5560X-54C-PWR-EI POE开启后供电状态OFF

POE 蒋笑添 2019-08-31 发表

组网及说明

无

问题描述

现场反馈POE交换机下联话机，接入后一直出现PSE告警日志：

```
%Jan 7 05:19:03:991 2013 ZJ40F1OAS5560AS1 POE/1/PSE_PORT_ON_OFF_CHANGE: Trap
<pethPsePortOnOffNotification>: PSE 4, IfIndex 10, Detection Status 1.
```

```
%Jan 7 05:19:06:948 2013 ZJ40F1OAS5560AS1 POE/1/PSE_PORT_ON_OFF_CHANGE: Trap
<pethPsePortOnOffNotification>: PSE 4, IfIndex 6, Detection Status 3.
```

```
%Jan 7 05:19:08:906 2013 ZJ40F1OAS5560AS1 POE/1/PSE_PORT_ON_OFF_CHANGE: Trap
<pethPsePortOnOffNotification>: PSE 4, IfIndex 6, Detection Status 1.
```

```
%Jan 7 05:19:13:840 2013 ZJ40F1OAS5560AS1 POE/1/PSE_PORT_ON_OFF_CHANGE: Trap
<pethPsePortOnOffNotification>: PSE 4, IfIndex 6, Detection Status 3.
```

```
%Jan 7 05:19:15:849 2013 ZJ40F1OAS5560AS1 POE/1/PSE_PORT_ON_OFF_CHANGE: Trap
<pethPsePortOnOffNotification>: PSE 4, IfIndex 6, Detection Status 1.
```

查看PSE供电状态为OFF：

```
=====
=====display poe device=====
Slot 1:
PSE ID      Slot No.  SSlot No. PortNum  MaxPower(W)  State  Model
4           1         0         48       1200.0       Off   LSP6POEB
Slot 2:
PSE ID      Slot No.  SSlot No. PortNum  MaxPower(W)  State  Model
7           2         0         48       1200.0       Off   LSP6POEB
=====
```

过程分析

查看PSE固件版本：

```
=====display poe pse=====
PSE ID          : 4
Slot No.        : 1
SSlot No.       : 0
PSE Model       : LSP6POEB
PSE Status      : Enabled
Power Priority   : Low
Current Power    : 0.0      W
Average Power    : 0.0      W
Peak Power      : 0.4      W
Max Power       : 1200.0   W
Remaining Power  : 1200.0   W
PSE CPLD Version : -
PSE Software Version : 147
PSE Hardware Version : 57633
Legacy PD Detection : Enabled
Power Utilization Threshold : 80
PD Power Policy    : Disabled
PD Disconnect-Detection Mode : DC
```

固件版本已经示最新的了。

建议开启PD检测：

```
#
poe legacy enable pse 4
poe legacy enable pse 7
#
```

依然不断报PSE告警。

解决方法

后反馈话机有独立供电模块，POE供电不能与独立供电一起使用。现场关闭POE供电问题解决。