

知 ET924-H ONU注册的时候使用哪个mac地址

EPON-OLT EPON-OLT 王英凯 2020-08-15 发表

问题描述

某个onu一直offline状态，查看了配置，同一个olt接口下是有其他的onu上线的，并且这边核对一下配置，应该没有问题。

dis onu int olt2/0/1

MAC	LOID	LLID	Dist(M)	Port	Model/Version	Sft/Epm	State	Aging
1cab-34d1-539b		3	1574	Onu2/0/1:2	ET924-H/A	129/	Up	N/A
1cab-34d1-5391		2	1371	Onu2/0/1:3	ET924-H/A	129/	Up	N/A
1cab-34d1-538e		1	1662	Onu2/0/1:4	ET924-H/A	129/	Up	N/A
1cab-34d1-4fc6		4	2433	Onu2/0/1:6	ET924-H/A	129/	Up	
N/A								
1cab-34d1-5392		N/A	N/A	Onu2/0/1:1	N/A	N/A	Offline	N/A
1cab-34d1-5351		N/A	N/A	Onu2/0/1:5	N/A	N/A	Offline	N/A

查看下面的信息发现Onu2/0/1:5一直在mpcp auth pass, mpcp time out 之间在震荡，PON口模块是SF P-XG-PR30-U-SM1270，查看不在适配表里面，但是客户反馈其他几个相同olt接口上线的onu用的pon口模块也是同型号的，继续查看

Onu 2/0/ 1: 5这个接口下的日志的mac地址是Onu2/0/1:6已上线的onu的mac地址，而不是Onu2/0/1:5下配置绑定的1cab-34d1-5351

[S7503E-probe]display hardware internal olt onuregrecord olt olt 2/0/1 count 300

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2020/08/11 22:48:52 MAC:1cab-34d1-4fc6 reg (mpcp auth pass)

Type 1 LOID: Password:

2020/08/11 22:48:35 MAC:1cab-34d1-4fc6 alarm (silent rcver bind)

Type 1 LOID: Password:

2020/08/11 22:45:48 Onu 2/0/ 1: 5 notify(report down)

2020/08/11 22:45:48 MAC:1cab-34d1-4fc6 dereg (mpcp olt initiate)

Type 1 LOID: Password:

2020/08/11 22:45:48 Onu 2/0/ 1: 5 dereg (undo bind)

2020/08/11 22:45:48 Onu 2/0/ 1: 5 deny (undo bind)

2020/08/11 22:43:43 Onu 2/0/ 1: 5 reg (set onu config)

2020/08/11 22:43:43 Onu 2/0/ 1: 5 reg (reg finish)

2020/08/11 22:43:43 Onu 2/0/ 1: 5 notify(report up)

2020/08/11 22:43:43 Onu 2/0/ 1: 5 reg (auth config)

2020/08/11 22:43:43 Onu 2/0/ 1: 5 reg (get onu version)

2020/08/11 22:43:43 Onu 2/0/ 1: 5 reg (after ctc discover)

2020/08/11 22:43:43 Onu 2/0/ 1: 5 reg (write queue)

2020/08/11 22:43:39 MAC:1cab-34d1-4fc6 reg (mpcp auth pass)

Type 1 LOID: Password:

2020/08/11 22:43:31 MAC:1cab-34d1-4fc6 alarm (silent rcver bind)

Type 1 LOID: Password:

2020/08/11 22:42:38 Onu 2/0/ 1: 5 notify(report down)

2020/08/11 22:42:38 MAC:1cab-34d1-4fc6 dereg (mpcp olt initiate)

Type 1 LOID: Password:

2020/08/11 22:42:38 Onu 2/0/ 1: 5 dereg (undo bind)

2020/08/11 22:42:38 Onu 2/0/ 1: 5 deny (undo bind)

2020/08/11 21:49:04 Onu 2/0/ 1: 5 reg (set onu config)

2020/08/11 21:49:04 Onu 2/0/ 1: 5 reg (reg finish)

2020/08/11 21:49:04 Onu 2/0/ 1: 5 notify(report up)

2020/08/11 21:49:04 Onu 2/0/ 1: 5 reg (auth config)

2020/08/11 21:49:04 Onu 2/0/ 1: 5 reg (get onu version)

2020/08/11 21:49:04 Onu 2/0/ 1: 5 reg (after ctc discover)

2020/08/11 21:49:04 Onu 2/0/ 1: 5 reg (write queue)

2020/08/11 21:49:00 MAC:1cab-34d1-4fc6 reg (mpcp auth pass)

Type 1 LOID: Password:

2020/08/11 21:47:59 MAC:1cab-34d1-4fc6 alarm (silent rcver bind)

Type 1 LOID: Password:
2020/08/11 21:47:58 Onu 2/0/ 1: 5 notify(report down)
2020/08/11 21:47:58 MAC:1cab-34d1-4fc6 dereg (mpcp olt initiate)

Type 1 LOID: Password:

解决方法

ET924-H有两个mac地址，一个是交换转发的MAC地址，一个onu芯片mac地址。客户绑定错误，注册的时候用的是ONU芯片mac地址，重新绑定ONU芯片mac地址，注册正常，这个ONU建议使用自动注册上线。