

知 LS-5130S-52P-EI 设备修改配置后不重启DHCP获取不到地址。

二层转发

DHCP/DHCP Relay

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问题描述

5130交换机做接入，上联口是汇聚5560，一开始配的是port trunk permit vlan all,后来剪裁vlan，改为了port trunk permit vlan 300 305 to 306 311 to 312 356 to 357 401 420 to 422，PC就获取不到地址了，汇聚和核心都可以获取到ip，PC配固定地址可上网。保存配置重启后PC就可以获取到ip，本网络中DHCP服务器在Windowsserver2012上。请问这是什么原因？怎么才可以不用重启就能自动获取ip。配置如下：

```
#
version 7.1.070, Release 6113
#
sysname 9F_OFFICE_ACCESS-SW03
#
irf mac-address persistent timer
irf auto-update enable
undo irf link-delay
irf member 1 priority 1
#
lldp global enable
#
password-recovery enable
#
vlan 1
#
vlan 300
name IT_SRV
#
vlan 305
description DEV_MGT
#
vlan 306
#
vlan 311
#
vlan 312
description 9F_LAN02
#
vlan 356 to 357
#
vlan 401
#
vlan 420
#
vlan 422
description DOOR_CT
#
stp global enable
#
interface Bridge-Aggregation1
#
interface NULL0
#
interface Vlan-interface305
description DEV_MGT
ip address 172.16.128.13 255.255.255.0
#
interface GigabitEthernet1/0/1
port access vlan 312
stp edged-port
#
```

```
interface GigabitEthernet1/0/2
port access vlan 312
stp edged-port
#
interface GigabitEthernet1/0/3
port access vlan 312
stp edged-port
#
interface GigabitEthernet1/0/4
port access vlan 312
stp edged-port
#
interface GigabitEthernet1/0/5
port access vlan 312
stp edged-port
#
interface GigabitEthernet1/0/6
port access vlan 312
stp edged-port
#
interface GigabitEthernet1/0/7
port access vlan 312
stp edged-port
#
interface GigabitEthernet1/0/8
port access vlan 312
stp edged-port
#
interface GigabitEthernet1/0/9
port access vlan 312
stp edged-port
#
interface GigabitEthernet1/0/10
port access vlan 312
stp edged-port
#
interface GigabitEthernet1/0/11
port access vlan 312
stp edged-port
#
interface GigabitEthernet1/0/12
port access vlan 312
stp edged-port
#
interface GigabitEthernet1/0/13
port access vlan 312
stp edged-port
#
interface GigabitEthernet1/0/14
port access vlan 312
stp edged-port
#
interface GigabitEthernet1/0/15
port access vlan 312
stp edged-port
#
interface GigabitEthernet1/0/16
port access vlan 312
stp edged-port
#
interface GigabitEthernet1/0/17
port access vlan 312
stp edged-port
#
```

```
interface GigabitEthernet1/0/18
port access vlan 312
stp edged-port
#
interface GigabitEthernet1/0/19
port access vlan 312
stp edged-port
#
interface GigabitEthernet1/0/20
port access vlan 312
stp edged-port
#
interface GigabitEthernet1/0/21
description printer
port access vlan 300
stp edged-port
#
interface GigabitEthernet1/0/22
port access vlan 312
stp edged-port
#
interface GigabitEthernet1/0/23
port access vlan 312
stp edged-port
#
interface GigabitEthernet1/0/24
port access vlan 311
stp edged-port
#
interface GigabitEthernet1/0/25
port access vlan 312
stp edged-port
#
interface GigabitEthernet1/0/26
port access vlan 312
stp edged-port
#
interface GigabitEthernet1/0/27
port access vlan 312
stp edged-port
#
interface GigabitEthernet1/0/28
port access vlan 312
stp edged-port
#
interface GigabitEthernet1/0/29
port access vlan 312
stp edged-port
#
interface GigabitEthernet1/0/30
port access vlan 312
stp edged-port
#
interface GigabitEthernet1/0/31
port access vlan 312
stp edged-port
#
interface GigabitEthernet1/0/32
port access vlan 312
stp edged-port
#
interface GigabitEthernet1/0/33
port access vlan 312
stp edged-port
```

```
#
interface GigabitEthernet1/0/34
port access vlan 312
stp edged-port
#
interface GigabitEthernet1/0/35
port access vlan 312
stp edged-port
#
interface GigabitEthernet1/0/36
port access vlan 312
stp edged-port
#
interface GigabitEthernet1/0/37
port access vlan 312
stp edged-port
#
interface GigabitEthernet1/0/38
port access vlan 312
stp edged-port
#
interface GigabitEthernet1/0/39
port access vlan 312
stp edged-port
#
interface GigabitEthernet1/0/40
port access vlan 312
stp edged-port
#
interface GigabitEthernet1/0/41
port access vlan 312
stp edged-port
#
interface GigabitEthernet1/0/42
port access vlan 312
stp edged-port
#
interface GigabitEthernet1/0/43
port access vlan 312
stp edged-port
#
interface GigabitEthernet1/0/44
port access vlan 312
stp edged-port
#
interface GigabitEthernet1/0/45
port access vlan 312
stp edged-port
#
interface GigabitEthernet1/0/46
port access vlan 312
stp edged-port
#
interface GigabitEthernet1/0/47
port access vlan 312
stp edged-port
#
interface GigabitEthernet1/0/48
port link-type trunk
undo port trunk permit vlan 1
port trunk permit vlan 300 305 to 306 311 to 312 356 to 357 401 420 to 422
#
interface GigabitEthernet1/0/49
#
```

```
interface GigabitEthernet1/0/50
#
interface GigabitEthernet1/0/51
#
interface GigabitEthernet1/0/52
description TO-9F_Core-Sw
port link-type trunk
port trunk permit vlan all
#
scheduler logfile size 16
#
line class aux
user-role network-admin
#
line class vty
user-role network-operator
#
line aux 0
user-role network-admin
#
line vty 0 63
authentication-mode scheme
user-role network-operator
#
ip route-static 0.0.0.0 0 172.16.128.1
#
ssh server enable
#
radius scheme system
user-name-format without-domain
#
domain system
#
domain default enable system
#
role name level-0
description Predefined level-0 role
#
role name level-1
description Predefined level-1 role
#
role name level-2
description Predefined level-2 role
#
role name level-3
description Predefined level-3 role
#
role name level-4
description Predefined level-4 role
#
role name level-5
description Predefined level-5 role
#
role name level-6
description Predefined level-6 role
#
role name level-7
description Predefined level-7 role
#
role name level-8
description Predefined level-8 role
#
role name level-9
description Predefined level-9 role
```

```
#
role name level-10
description Predefined level-10 role
#
role name level-11
description Predefined level-11 role
#
role name level-12
description Predefined level-12 role
#
role name level-13
description Predefined level-13 role
#
role name level-14
description Predefined level-14 role
#
user-group system
#
local-user admin class manage
password hash
$h$6$ixal2iaV0w91qouB$g5nIjvuYqc8E7Bwm5dCdkmd81iAYRTDjpWUzXjAWX9cZjRjqm0SJH4W0l
WN3Q4sicoGYM/GFbiRtY04PqqDEbQ==
service-type ssh
authorization-attribute user-role network-admin
authorization-attribute user-role network-operator
#
return
```

解决方法

这种情况建议排查下dhcp报文的交互，看看是不是PC没有发出DHCP报文，或是设备把报文丢了。如果是交换机丢了报文，可以把信息反馈给400处理

答案来自于 [墨峰](#)