

知 交换机如何透传LLDP报文

LLDP 李敏 2021-04-19 发表

组网及说明

A---B---C

B设备 做到透传A和C发出的LLDP报文，使得A和C建立邻居关系

配置步骤

2015 (1/0/1) ----- (1/0/1) 2011(1/0/31)-----1(3/1)2023

```
[2015-125x-af-Ten-GigabitEthernet1/0/1]dis th
#
interface Ten-GigabitEthernet1/0/1
port link-mode bridge
lldp agent nearest-customer admin-status txrx
#
return
[2015-125x-af-Ten-GigabitEthernet1/0/1]%Mar 31 15:17:44:707 2021 2015-125x-af LOCALSVR/6/LOCALSVR_PROMPTED_CHANGE_PWD: -MDC=1; Please change the password of device management user admin, because the current password is a weak-password.
%Mar 31 15:17:44:839 2021 2015-125x-af SHELL/5/SHELL_LOGIN: -MDC=1; admin logged in from 192.168.89.252.
%Mar 31 15:18:09:335 2021 2015-125x-af LLDP/6/LLDP_CREATE_NEIGHBOR: -MDC=1-Slot=1; Nearest customer agent neighbor created on port Ten-GigabitEthernet1/0/1 (IfIndex 242), neighbor's chassis ID is 4077-a9f0-38cc, port ID is Ten-GigabitEthernet1/3/1.
```

```
[2015-125x-af-Ten-GigabitEthernet1/0/1]
[2015-125x-af-Ten-GigabitEthernet1/0/1]dis lldp n
[2015-125x-af-Ten-GigabitEthernet1/0/1]dis lldp neighbor-information l
[2015-125x-af-Ten-GigabitEthernet1/0/1]dis lldp neighbor-information list
Chassis ID : * -- -- Nearest nontpmr bridge neighbor
# -- -- Nearest customer bridge neighbor
Default -- -- Nearest bridge neighbor
Local Interface Chassis ID Port ID System Name
XGE1/0/1 9ce8-9572-8326 Ten-GigabitEthernet1/0/1 2011-S6800-H1
XGE1/0/1 4077-a9f0-38cc# Ten-GigabitEthernet1/3/1 6820-2023
XGE1/0/9 74ea-c830-5000 Ten-GigabitEthernet3/0/9 2012-S12504X-AF
XGE1/0/11 74ea-c830-5000 Ten-GigabitEthernet3/0/11 2012-S12504X-AF
XGE1/0/16 9ce8-9574-24ec Ten-GigabitEthernet1/0/45 2084-S6800-H3
XGE1/0/19 f474-88dd-ddf6 Ten-GigabitEthernet1/0/1 2091-S6860
MGEO/0/3 c4ca-d9b9-bb86 GigabitEthernet2/0/38 S5800-56C
[2015-125x-af-Ten-GigabitEthernet1/0/1]
```

```
[2011-S6800-H1]dis cu | include lldp
lldp mode service-bridge
```

```
[2011-S6800-H1]dis lldp neighbor-information list
Chassis ID : * -- -- Nearest nontpmr bridge neighbor
# -- -- Nearest customer bridge neighbor
Default -- -- Nearest bridge neighbor
Local Interface Chassis ID Port ID System Name
XGE1/0/1 74ea-c830-5a00 Ten-GigabitEthernet1/0/1 2015-125x-af
XGE1/0/15 9ce8-9572-a12a Ten-GigabitEthernet3/0/15 2064-S6800-H1
XGE1/0/31 4077-a9f0-38cc Ten-GigabitEthernet1/3/1 6820-2023
MGEO/0/0 c4ca-d9b9-bb86 GigabitEthernet2/0/16 S5800-56C
[2011-S6800-H1]
```

```
[2011-S6800-H1]dis cu | include lldp
lldp mode service-bridge
lldp global enable
return
[6820-2023-Ten-GigabitEthernet1/3/1]qu
```

[6820-2023]dis lldp n

[6820-2023]dis lldp neighbor-information l

[6820-2023]dis lldp neighbor-information list

配置关键点: * --- Nearest nontpmr bridge neighbor

--- Nearest customer bridge neighbor

Default -- -- Nearest bridge neighbor