## LSW1：

<Huawei>sys

Enter system view, return user view with Ctrl+Z.

[Huawei]sys LSW1

[LSW1]st

Nov 15 2022 16:27:11-08:00 LSW1 DS/4/DATASYNC\_CFGCHANGE:OID 1.3.6.1.4.1.2011.5.2

5.191.3.1 configurations have been changed. The current change number is 4, the

change loop count is 0, and the maximum number of records is 409

[LSW1]un in en

Info: Information center is disabled.

[LSW1]stp mode stp **//运行STP模式**

Info: This operation may take a few seconds. Please wait for a moment...done.

[LSW1]stp root pr

[LSW1]stp root primary **//设置为根桥**

[LSW1]stp pa

[LSW1]stp pathcost-standard le

[LSW1]stp pathcost-standard legacy **//配置STP端口路径的计算方法为华为算法**

Warning: The path cost of the current process will be set to the default value b

ecause the path cost standard is changed.

[LSW1]

## LSW2：

<Huawei>sys

Enter system view, return user view with Ctrl+Z.

[Huawei]sys LSW2

[LSW2]

Nov 15 2022 16:30:01-08:00 LSW2 DS/4/DATASYNC\_CFGCHANGE:OID 1.3.6.1.4.1.2011.5.2

5.191.3.1 configurations have been changed. The current change number is 4, the

change loop count is 0, and the maximum number of records is 4095.un in en

Info: Information center is disabled.

[LSW2]stp p

[LSW2]stp root se

[LSW2]stp root secondary **//设置为备份根桥**

[LSW2]

## LSW3：

<Huawei>sys

Enter system view, return user view with Ctrl+Z.

[Huawei]sys LSW3

[LSW3]int g0/0/1

[LSW3-GigabitEthernet0/0/1]

Nov 15 2022 16:32:02-08:00 LSW3 DS/4/DATASYNC\_CFGCHANGE:OID 1.3.6.1.4.1.2011.5.2

5.191.3.1 configurations have been changed. The current change number is 4, the

change loop count is 0, and the maximum number of records is 4095.q

[LSW3]un in en

Info: Information center is disabled.

[LSW3]int g0/0/1

[LSW3-GigabitEthernet0/0/1]stp c

[LSW3-GigabitEthernet0/0/1]stp cost 20000**//配置此端口开销值为20000**

[LSW3-GigabitEthernet0/0/1]int g0/0/3

[LSW3-GigabitEthernet0/0/3]stp

[LSW3-GigabitEthernet0/0/3]stpe

[LSW3-GigabitEthernet0/0/3]stpedged-port enable

^

Error: Unrecognized command found at '^' position.

[LSW3-GigabitEthernet0/0/3]stp edged-port enable**//配置端口为边缘端口**

[LSW3-GigabitEthernet0/0/3]stp b

[LSW3-GigabitEthernet0/0/3]stp bpdu-filter enable**//启动端口BPDU报文过滤功能**

[LSW3-GigabitEthernet0/0/3]q

[LSW3]

[LSW3]dis ip int bri

\*down: administratively down

^down: standby

(l): loopback

(s): spoofing

The number of interface that is UP in Physical is 2

The number of interface that is DOWN in Physical is 1

The number of interface that is UP in Protocol is 1

The number of interface that is DOWN in Protocol is 2

Interface IP Address/Mask Physical Protocol

MEth0/0/1 unassigned down down

NULL0 unassigned up up(s)

Vlanif1 unassigned up down

[LSW3]dis stp bri

MSTID Port Role STP State Protection

0 GigabitEthernet0/0/1 DESI FORWARDING NONE

0 GigabitEthernet0/0/2 ROOT FORWARDING NONE

0 GigabitEthernet0/0/3 DESI FORWARDING NONE