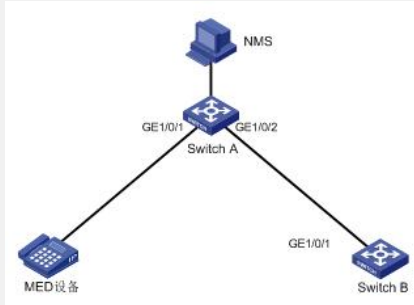


### H3C S5500-SI LLDP基本功能的典型配置

#### 一、组网需求：

NMS通过以太网与Switch A相连，Switch A分别通过GigabitEthernet1/0/1、GigabitEthernet1/0/2与MED设备、Switch B相连。在Switch A和Switch B的相应端口配置LLDP功能，使得NMS可以对Switch A链路的通信情况进行判断。

#### 二、组网图：



#### 三、配置步骤：

##### 1. 配置Switch A

```
# 全局使能LLDP功能。
<SwitchA> system-view
[SwitchA] lldp enable
# 分别在GigabitEthernet1/0/1和GigabitEthernet1/0/2端口使能LLDP功能并配置其工作模式为rx。
[SwitchA] interface gigabitethernet1/0/1
[SwitchA-GigabitEthernet1/0/1] lldp enable
[SwitchA-GigabitEthernet1/0/1] lldp admin-status rx
[SwitchA-GigabitEthernet1/0/1] quit
[SwitchA] interface gigabitethernet1/0/2
[SwitchA-GigabitEthernet1/0/2] lldp enable
[SwitchA-GigabitEthernet1/0/2] lldp admin-status rx
[SwitchA-GigabitEthernet1/0/2] quit
```

##### 2. 配置Switch B

```
# 全局使能LLDP功能。
<SwitchB> system-view
[SwitchB] lldp enable
# 在GigabitEthernet1/0/1使能LLDP功能并配置其工作模式为tx。
[SwitchB] interface gigabitethernet1/0/1
[SwitchB-GigabitEthernet1/0/1] lldp enable
[SwitchB-GigabitEthernet1/0/1] lldp admin-status tx
[SwitchB-GigabitEthernet1/0/1] quit
```

##### 3. 验证配置结果

```
# 在Switch A上显示全局和端口的状态信息。
[SwitchA] display lldp status
Global status of LLDP : Enable
The current number of LLDP neighbors : 2
The current number of CDP neighbors : 0
LLDP neighbor information last changed time : 0 days, 0 hours, 4 minutes, 40 seconds
Transmit interval : 30s
Hold multiplier : 4
Reinit delay : 2s
Transmit delay : 2s
Trap interval : 5s
Fast start times : 3
Port 1 [GigabitEthernet1/0/1] :
Port status of LLDP : Enable
Admin status : Rx_Only
```

```
Trap flag          : No
Roll time          : 0s
Number of neighbors      : 1
Number of MED neighbors  : 1
Number of CDP neighbors  : 0
Number of sent optional TLV : 0
Number of received unknown TLV : 0
Port 2 [GigabitEthernet1/0/2] :
Port status of LLDP      : Enable
Admin status            : Rx_Only
Trap flag              : No
Roll time              : 0s
Number of neighbors      : 1
Number of MED neighbors  : 0
Number of CDP neighbors  : 0
Number of sent optional TLV : 0
Number of received unknown TLV : 3
# 将Switch A和Switch B上的链路断掉。
# 在Switch A上显示全局和端口的状态信息。
[SwitchA] display lldp status
Global status of LLDP : Enable
The current number of LLDP neighbors : 1
The current number of CDP neighbors : 0
LLDP neighbor information last changed time : 0 days, 0 hours, 5 minutes, 20 second
s
Transmit interval      : 30s
Hold multiplier        : 4
Reinit delay           : 2s
Transmit delay         : 2s
Trap interval         : 5s
Fast start times       : 3
Port 1 [GigabitEthernet1/0/1] :
Port status of LLDP      : Enable
Admin status            : Rx_Only
Trap flag              : No
Roll time              : 0s
Number of neighbors      : 1
Number of MED neighbors  : 1
Number of CDP neighbors  : 0
Number of sent optional TLV : 0
Number of received unknown TLV : 5
Port 2 [GigabitEthernet1/0/2] :
Port status of LLDP      : Enable
Admin status            : Rx_Only
Trap flag              : No
Roll time              : 0s
Number of neighbors      : 0
Number of MED neighbors  : 0
Number of CDP neighbors  : 0
Number of sent optional TLV : 0
Number of received unknown TLV : 0
四、 配置关键点：
无。
```