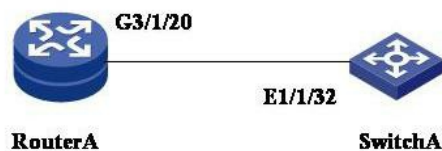


H3C万兆核心路由器SR8800 以太网子接口的典型配置

一、一、组网需求：

1. Router A和Switch A通过以太网链路互连

二、二、组网图：



以太网子接口配置举例组网图

三、三、配置步骤：

1. 设备Router A的配置

1.1 创建子接口

```
<RouterA> system-view
```

```
[RouterA] interface GigabitEthernet3/1/20.10
```

1.2 在子接口下配置IP地址

```
[RouterA- GE3/1/20.10] ip address 10.0.0.254 255.255.255.0
```

2. 设备Switch A的配置

2.1 进入互连接口配置Trunk

```
<SwitchA>system-view
```

```
[SwitchA] interface Ethernet1/1/32
```

```
[SwitchA-Ethernet1/1/32] port link-type trunk
```

```
[SwitchA-Ethernet1/1/32] port trunk permit vlan all
```

2.2 创建VLAN

```
[SwitchA] vlan 10
```

```
[SwitchA-VLAN10] quit
```

```
[SwitchA]
```

2.3 配置相应VLAN Interface和IP地址

```
[SwitchA] interface Vlan-interface10
```

```
[SwitchA-Vlan-interface10] ip address 10.0.0.1 255.255.255.0
```

3. 验证结果

```
[RouterA]ping 10.0.0.1
```

```
PING 10.0.0.1: 56 data bytes, press CTRL_C to break
```

```
Reply from 10.0.0.1: bytes=56 Sequence=1 ttl=255 time=3 ms
```

```
Reply from 10.0.0.1: bytes=56 Sequence=2 ttl=255 time=3 ms
```

```
Reply from 10.0.0.1: bytes=56 Sequence=3 ttl=255 time=3 ms
```

```
Reply from 10.0.0.1: bytes=56 Sequence=4 ttl=255 time=3 ms
```

```
Reply from 10.0.0.1: bytes=56 Sequence=5 ttl=255 time=3 ms
```

```
--- 10.0.0.1 ping statistics ---
```

```
5 packet(s) transmitted
```

```
5 packet(s) received
```

```
0.00% packet loss
```

```
round-trip min/avg/max = 3/3/3 ms
```

四、四、配置关键点：

无需在子接口下配置dot1q命令，子接口的编号直接对应VLAN ID。