

# S3610\_S5510系列交换机路由策略的配置

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## S3610\_S5510系列交换机路由策略的配置

### 一 组网需求：

1. 使能SwitchA上的RIPng协议，配置三条静态路由；
2. 设置在引入静态路由时应用路由策略，使三条静态路由部分引入、部分被屏蔽——20::/32和40::/32网段的路由是可见的，30::/32网段的路由则被屏蔽；
3. 通过在SwitchB上查看RIPng路由表，验证路由策略是否生效。

### 二 组网图：



### 三 配置步骤：

#### 配置Switch A

```
# 配置接口Vlan-interface 100和Vlan-interface 200的IPv6地址。  
<SwitchA> system-view  
[SwitchA] ipv6  
[SwitchA] interface vlan-interface 100  
[SwitchA-Vlan-interface100] ipv6 address 10::1 32  
[SwitchA-Vlan-interface100] quit  
[SwitchA] interface vlan-interface 200  
[SwitchA-Vlan-interface200] ipv6 address 11::1 32  
[SwitchA-Vlan-interface200] quit  
# 在接口下使能RIPng  
[SwitchA] interface vlan-interface 100  
[SwitchA-Vlan-interface100] ripng 1 enable  
[SwitchA-Vlan-interface100] quit  
# 配置三条静态路由  
[SwitchA] ipv6 route-static 20::32 11::2  
[SwitchA] ipv6 route-static 30::32 11::2  
[SwitchA] ipv6 route-static 40::32 11::2  
# 配置路由策略  
[SwitchA] ip ipv6-prefix a index 10 permit 30::32  
[SwitchA] route-policy static2ripng deny node 0  
[SwitchA-route-policy] if-match ipv6 address prefix-list a  
[SwitchA-route-policy] quit  
[SwitchA] route-policy static2ripng permit node 10  
[SwitchA-route-policy] quit  
# 启动RIPng协议并引入静态路由  
[SwitchA] ripng  
[SwitchA-ripng-1] import-route static route-policy static2ripng
```

#### 配置Switch B

```
# 配置接口Vlan-interface 100的IPv6地址  
[SwitchB] ipv6  
[SwitchB] interface Vlan-interface 100  
[SwitchB-Vlan-interface100] ipv6 address 10::2 32  
# 在接口下使能RIPng  
[SwitchB-Vlan-interface100] ripng 1 enable  
[SwitchB-Vlan-interface100] quit  
# 启动RIPng协议  
[SwitchB] ripng
```

### 四 配置关键点：

无