

知 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、部分被屏蔽掉——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