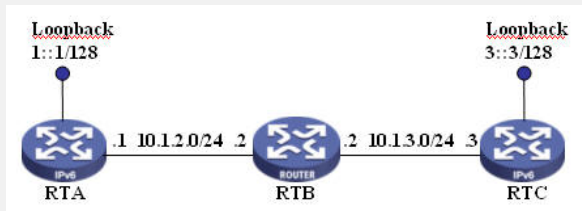


NE80/NE40系列路由器IPv6过渡技术 手动隧道功能的配置

一、组网需求：

RTA与RTC为NE40，且为双栈主机，版本Version 5.30, RELEASE 0228；通过配置手动隧道，使得RTA与RTC下连的IPv6网络地址（分别用Loopback接口来模拟）可以通过IPv4网络（RTB模拟）互相Ping通。

二、组网图：



三、配置步骤：

1. 按照上图所示配置各接口地址

2. RTA配置如下

```
ipv6 route-static 0::0 0 Tunnel 1/0/0
```

```
ospf 1
```

```
area 0
```

```
network 10.1.2.0 0.0.0.255
```

```
interface Tunnel 1/0/0
```

```
ipv6 address 1000::1/64
```

```
tunnel-protocol ipv6-ipv4
```

```
source 10.1.2.1
```

```
destination 10.2.3.3
```

```
undo shutdown
```

```
interface loopback0
```

```
ipv6 address 1::1 128
```

3. RTB配置如下：

```
ospf 1
```

```
area 0
```

```
network 10.1.2.0 0.0.0.255
```

```
network 10.2.3.0 0.0.0.255
```

4. RTC配置如下：

```
ipv6 route-static 0::0 0 Tunnel 1/0/0
```

```
ospf 1
```

```
area 0
```

```
network 10.2.3.0 0.0.0.255
```

```
interface Tunnel 1/0/0
```

```
ipv6 address 1000::3/64
```

```
tunnel-protocol ipv6-ipv4
```

```
source 10.2.3.3
```

```
destination 10.1.2.1
```

```
undo shutdown
```

```
interface loopback0
```

```
ipv6 address 3::3 128
```

四、配置关键点：

1. 配置隧道首先要配置路由协议保证隧道目的地址可达。
2. 手工隧道的IPv4地址可以是公网地址，也可以是私网地址。
3. 对于tunnel接口一定要undo shutdown
4. 两台NE40上必须配置IPv6静态路由