

详细解析配置BGP负载共享 PDF转换可能丢失图片或格式，
建议阅读原文

https://www.100test.com/kao_ti2020/466/2021_2022__E8_AF_A6_E7_BB_86_E8_A7_A3_E6_c67_466919.htm

1. BGP邻居之间使用Loopback地址进行负载共享 该场景展示如何在多条（最大可有6条）等价链路上完成负载共享。该链路建立在本地AS中一台路由器和远程AS中另一台路由器之间是一个单宿主末端网络 BGP环境。配置如下：

```
RouterARA(config)#int
s1/1RA(config-if)#ip add 150.10.10.1
255.255.255.0RA(config-if)#no shRA(config-if)#int
s1/2RA(config-if)#ip add 160.20.20.1
255.255.255.0RA(config-if)#no shRA(config-if)#int
lo0RA(config-if)#ip add 1.1.1.1 255.255.255.0RA(config)#router
bgp 11RA(config-router)#nei 2.2.2.2 remote-as
10RA(config-router)#nei 2.2.2.2 0update-source
lo0RA(config-router)#nei 2.2.2.2
ebgp-multihopRA(config-router)#router eigrp
12RA(config-router)#net 1.0.0.0RA(config-router)#net
150.10.0.0RA(config-router)#net 160.20.0.0RA(config-router)#no
auto-summaryRouterBRB(config)#int lo0RB(config-if)#ip add
2.2.2.2 255.255.255.0RB(config-if)#int s1/1RB(config-if)#no ip
route-cacheRB(config-if)#ip add 160.20.20.2
255.255.255.0RB(config-if)#no shRB(config-if)#int
s1/2RB(config-if)#no ip route-cacheRB(config-if)#ip add
150.10.10.2 255.255.255.0RB(config-if)#no shRB(config-if)#router
bgp 10RB(config-router)#nei 1.1.1.1 remote-as
```

```
11RB(config-router)#nei 1.1.1.1 0update-source
```

```
lo0RB(config-router)#nei 1.1.1.1
```

```
ebgp-multihopRB(config-router)#router eigrp
```

```
12RB(config-router)#net 2.0.0.0RB(config-router)#net
```

```
150.10.0.0RB(config-router)#net 160.20.0.0RB(config-router)#no
```

```
auto-summary 验证基于数据包（过程交换）的负载均衡
```

```
: RA#sh ip roGateway of last resort is not set 1.0.0.0/24 is subnetted,
```

```
1 subnetsC 1.1.1.0 is directly connected, Loopback0 2.0.0.0/24 is
```

```
subnetted, 1 subnetsD 2.2.2.0 [90/2297856] via 150.10.10.2, 00:18:47,
```

```
Serial1/1 [90/2297856] via 160.20.20.2, 00:18:47, Serial1/2
```

```
160.20.0.0/24 is subnetted, 1 subnetsC 160.20.20.0 is directly
```

```
connected, Serial1/2 150.10.0.0/24 is subnetted, 1 subnetsC
```

```
150.10.10.0 is directly connected, Serial1/1RA#traceroute
```

```
2.2.2.2Type escape sequence to abort.Tracing the route to 2.2.2.2 1
```

```
150.10.10.2 36 msec160.20.20.2 60 msec * 100Test 下载频道开通，
```

```
各类考试题目直接下载。详细请访问 www.100test.com
```