

## 组网及说明



城域网专线用户，运营商给用户搭建MPLS三层VPN，并对接入端口的速率进行限速

## 配置步骤

### 1、配置接入端口

```
#
ip vpn-instance yangtianhe
route-distinguisher 4134:647400604
vpn-target 4134:64740004 import-extcommunity
vpn-target 4134:64740004 export-extcommunity
#
address-family ipv4
#
interface GigabitEthernet5/1/6.122
description yangtianhe
user-vlan dot1q vid 2526 #配置用户的接入vlan
ip binding vpn-instance yangtianhe
ip address 10.10.102.113 255.255.255.248
ip urpf strict allow-default-route
qos lr outbound cir 100000
qos lr inbound cir 100000
```

### 2、配置路由VPN用户路由发布

```
#
bgp 64740
#
ip vpn-instance yangtianhe
#
address-family ipv4 unicast
import-route direct
#
```

## 配置关键点

- 1、采用LR进行限速
- 2、需要在BGP VPNv4中发布VPN的路由