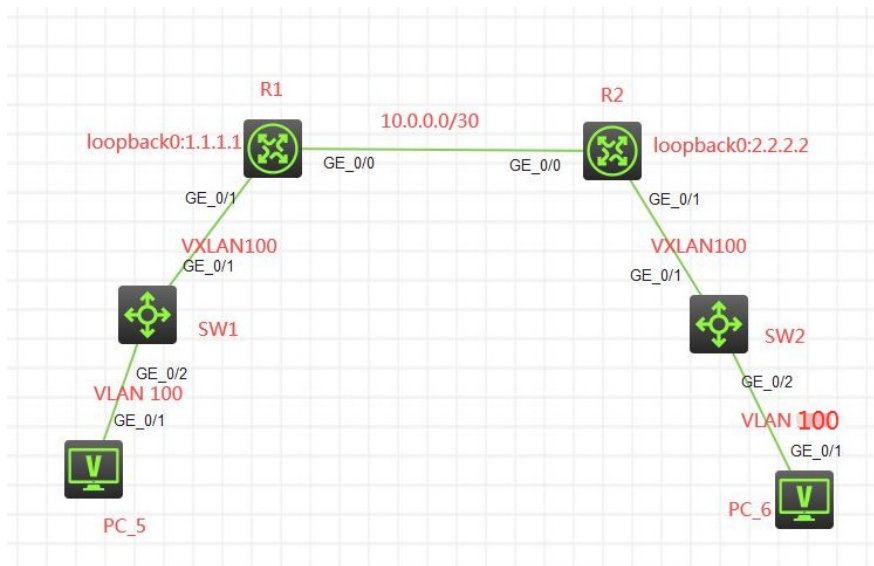


## 知 VXLAN典型组网配置案例2 (单个VLAN经过交换机透传)

VxLAN H3C模拟器 韦家宁 2020-10-24 发表

### 组网及说明



本案例采用HCL模拟器来模拟VXLAN典型组网配置案例，为了实现大二层通信，需要将通过VXLAN使得PC\_5和PC\_6能互通。

### 配置步骤

- 1、将PC划分到相应的VLAN中。
- 2、R1和R2采用OSPF互通。
- 3、R1与R2建立VXLAN隧道。
- 4、配置VXLAN

### 配置关键点

SW1配置如下:

```
sysname SW1
vlan 100
quit
interface GigabitEthernet1/0/1
port link-mode bridge
port access vlan 100
quit
```

```
interface GigabitEthernet1/0/2
port access vlan 100
quit
```

SW2配置如下:

```
sysname SW2
vlan 100
quit
```

```
interface GigabitEthernet1/0/1
port link-mode bridge
port access vlan 100
quit
```

```
interface GigabitEthernet1/0/2
port access vlan 100
quit
```

R1配置如下:

```
sysname R1
ospf 1 router-id 1.1.1.1
```

```
area 0.0.0.0
network 1.1.1.1 0.0.0.0
network 10.0.0.1 0.0.0.0
quit

interface LoopBack0
ip address 1.1.1.1 255.255.255.255
quit

interface GigabitEthernet0/0
description <connect to R2>
ip address 10.0.0.1 255.255.255.252
quit

interface Tunnel0 mode vxlan
source 1.1.1.1
destination 2.2.2.2
quit

l2vpn enable

vsi vpna
vxlan 100
tunnel 0
quit

interface GigabitEthernet0/1
xconnect vsi vpna access-mode vlan
quit
```

R2配置如下:

```
sysname R2
ospf 1 router-id 2.2.2.2
area 0.0.0.0
network 2.2.2.2 0.0.0.0
network 10.0.0.2 0.0.0.0
quit

interface LoopBack0
ip address 2.2.2.2 255.255.255.255
quit

interface GigabitEthernet0/0
ip address 10.0.0.2 255.255.255.252
quit

interface Tunnel0 mode vxlan
source 2.2.2.2
destination 1.1.1.1
quit

l2vpn enable

vsi vpna
vxlan 100
tunnel 0
quit

interface GigabitEthernet0/1
xconnect vsi vpna access-mode vlan
quit
```

以上是VXLAN的配置关键点，具体的配置文件详情见附件！

附件下载: VLAN典型组网配置案例2 (单个VLAN经过交换机透传) .rar