

知 MSR-G2路由器LAC-Auto-Initiated组网中多域L2TP拨号配置

L2TP VPN

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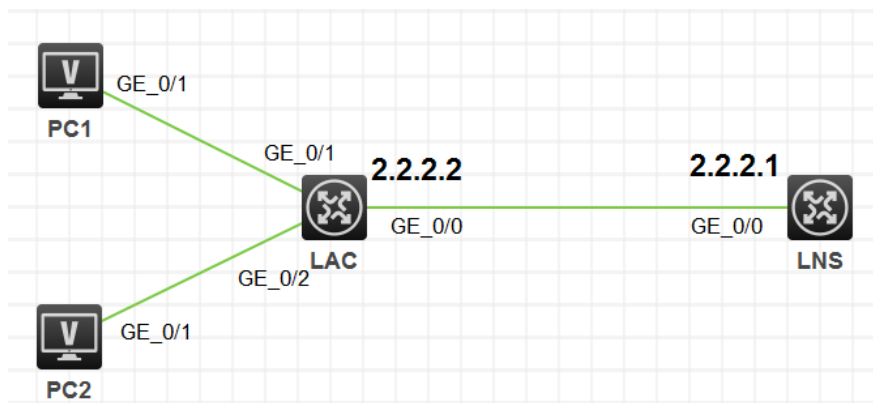
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组网及说明

一、组网需求

现场有两个域的用户，通过LAC自动拨号发起L2TP访问，不同域的用户从不同的L2TP隧道连接LNS。
LAC非我司设备，不确定是否需要在LAC上配置多域接入。

二、组网图



配置步骤

三、配置步骤

LAC侧：

```
#
l2tp enable
#
l2tp-group 1 mode lac
lns-ip 2.2.2.1
undo tunnel authentication
tunnel name LAC1
#
l2tp-group 2 mode lac
lns-ip 2.2.2.1
undo tunnel authentication
tunnel name LAC2
#
interface Virtual-PPP1
ppp pap local-user test1@test1 password cipher $c$3$JCKNygG6Xo1n+2d5H1q2AzdB163SMWn8F
A== //拨入的用户需要带域名
ip address ppp-negotiate
l2tp-auto-client l2tp-group 1 //配置自动拨号
#
interface Virtual-PPP2
ppp pap local-user test2@test2 password cipher $c$3$H9uwrHpRpFR/vO8FuTqcoFvXEMTMyd2O
DQ==
ip address ppp-negotiate
l2tp-auto-client l2tp-group 2
#
```

LNS侧：

```
#
l2tp enable
#
ip pool test1 172.168.1.10 172.168.1.20 //为拨入的不同域的隧道对端定义不同地址池
ip pool test1 gateway 172.168.1.1
ip pool test2 192.168.1.10 192.168.1.20
ip pool test2 gateway 192.168.1.1
#
```

```

interface Virtual-Template1
  ppp authentication-mode pap
  remote address pool test1
#
interface Virtual-Template2
  ppp authentication-mode pap
  remote address pool test2
#
domain test1
  authentication ppp local
#
domain test2                                     //在LNS设备上需要配置多域
  authentication ppp local
#
local-user test1 class network
  password cipher $c$3$3XsHMPkPjKxbiRWEA0pIPWcZz6oCnDY40g==
  service-type ppp
  authorization-attribute user-role network-operator
#
local-user test2 class network
  password cipher $c$3$UHcNe8hHEyliy8coK7uEIFG+iGjcQjqWgQ==
  service-type ppp
  authorization-attribute user-role network-operator
#
l2tp-group 1 mode lns
  allow l2tp virtual-template 1 remote LAC1
  undo tunnel authentication
  tunnel name LNS
#
l2tp-group 2 mode lns
  allow l2tp virtual-template 2 remote LAC2
  undo tunnel authentication
  tunnel name LNS
#

```

四、结果验证

在LNS上查看隧道已建立

[LNS]display l2tp tunnel

LocalTID	RemoteTID	State	Sessions	RemoteAddress	RemotePort	RemoteName
33759	40163	Established	1	2.2.2.2	1701	LAC2
35116	38328	Established	1	2.2.2.2	1701	LAC1

在LAC侧查看也能够分配到地址

[LAC]dis interface brief

Brief information on interfaces in route mode:

Link: ADM - administratively down; Stby - standby

Protocol: (s) - spoofing

Interface	Link	Protocol	Primary IP	Description
VPPP1	UP	UP	172.168.1.14	
VPPP2	UP	UP	172.168.1.15	

配置关键点

五、配置关键点

- 1、在LAC上不需要配置，但是发起自动拨号的用户需要写成用户名@域名
- 2、在有多条LAC隧道的情况下，一定要通过 allow l2tp virtual-template 1 remote命令指定对端隧道口名称