

某局点MSR3610拨号口不随物理口DOWN问题处理经验案例

PPPoE PPP 孟普 2017-01-18 发表

某局点出口路由器MSR3610有两条出口公网线路，一条地址固定，一条使用PPPoE拨号方式，拨号成功后形成两条等价默认路由，但是将拨号线路拔出来后发现路由表中两条等价默认路由一直还在。

无

1.查看设备相关拨号配置：

```
[H3C31]dis cu
#
version 7.1.059, Release 0304P15
#
dialer-group 1 rule ip permit
#
interface Dialer1
ppp chap password cipher $c$3$/FpitPyainEeHtHK7jw6LuZVFhQNXOIOTtlv
ppp chap user 18025421096@163.gd
ppp pap local-user 18025421096@163.gd password cipher $c$3$0tPNq+u3ndZ9U7Yp96bi/R0FRXv
8teGkykcF
dialer bundle enable
dialer-group 1
ip address ppp-negotiate
nat outbound
#
interface GigabitEthernet0/1
port link-mode route
ip address 183.X.X.218 255.255.255.248
nat outbound
#
interface GigabitEthernet0/2
port link-mode route
pppoe-client dial-bundle-number 1
#
ip route-static 0.0.0.0 0 183.X.X.217
ip route-static 0.0.0.0 0 Dialer1
#
```

2.拨号成功后：

```
[H3C31]display interface brief
Brief information on interface(s) under route mode:
Link: ADM - administratively down; Stby - standby
Protocol: (s) - spoofing

```

Interface	Link	Protocol	Main IP	Description
Aux0	UP	--	--	
Dia1	UP	UP(s)	100.X.X.43	
GE0/0	UP	UP	192.168.15.1	
GE0/1	UP	UP	183.X.X.218	
GE0/2	UP	UP	--	
InLoop0	UP	UP(s)	--	
NULL0	UP	UP(s)	--	
REG0	UP	--	--	
VA0	UP	UP	--	

```
[H3C31]dis ip rou
Destinations : 24    Routes : 25

```

Destination/Mask	Proto	Pre	Cost	NextHop	Interface
0.0.0.0/0	Static	60	0	0.0.0.0	Dia1
				183.X.X.217	GE0/1
0.0.0.0/32	Direct	0	0	127.0.0.1	InLoop0
100.64.0.1/32	Direct	0	0	100.X.X.1	Dia1
100.64.28.43/32	Direct	0	0	127.0.0.1	InLoop0

3.将g0/2口线路拔出后，物理口DOWN了，但是拨号口依然UP,路由还有效。

```
[H3C31]dis int brief
```

Brief information on interface(s) under route mode:

Link: ADM - administratively down; Stby - standby

Protocol: (s) - spoofing

Interface	Link	Protocol	Main IP	Description
Aux0	UP	--	--	
Dia1	UP	UP(s)	--	
GE0/0	UP	UP	192.168.15.1	
GE0/1	UP	UP	183.X.X.218	
GE0/2	DOWN	DOWN	--	
InLoop0	UP	UP(s)	--	
NULL0	UP	UP(s)	--	
REG0	UP	--	--	

```
[H3C31]dis ip route
```

Destinations : 22 Routes : 23

Destination/Mask	Proto	Pre	Cost	NextHop	Interface
0.0.0.0/0	Static	60	0	0.0.0.0	Dia1
				183.X.X.217	GE0/1
0.0.0.0/32	Direct	0	0	127.0.0.1	InLoop0
127.0.0.0/8	Direct	0	0	127.0.0.1	InLoop0

4.经实验验证，可以用永久在线模式解决此问题。

改为永久在线模式。