

# 某局点SecPath F5010(V7) 带宽策略限速后出现SSL VPN丢包的经验案例

SSL VPN 通道带宽管理 王燕 2019-06-10 发表

## 组网及说明

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## 问题描述

代理商反馈SSL VPN用户接入后，配置下面的带宽策略之后访问内网资源web界面会出现卡顿，后续测试ping SSL VPN的AC接口会出现丢包，但ping公网口正常。

## 过程分析

1、查看设备性能内存和CPU利用率均正常

```
<F5010>dis cpu
```

```
Slot 1 CPU 0 CPU usage:
```

```
2% in last 5 seconds
```

```
3% in last 1 minute
```

```
2% in last 5 minutes
```

```
Slot 2 CPU 0 CPU usage:
```

```
1% in last 5 seconds
```

```
2% in last 1 minute
```

```
2% in last 5 minutes
```

```
<F5010>display memory
```

Memory statistics are measured in KB:

Slot 1:

	Total	Used	Free	Shared	Buffers	Cached	FreeRatio
Mem:	16375296	5703872	10671424	0	3136	359964	65.9%
-/+ Buffers/Cache:	5340772	11034524					
Swap:	0	0	0				

Slot 2:

	Total	Used	Free	Shared	Buffers	Cached	FreeRatio
Mem:	16375296	5713736	10661560	0	6412	598240	67.3%
-/+ Buffers/Cache:	5109084	11266212					
Swap:	0	0	0				

2、当前设备版本Release 9330P17，未见版本bug

3、取消下列带宽策略后访问正常，问题定位



```
[F5010]display interface SSLVPN-AC 1
```

```
SSLVPN-AC1
```

```
Current state: UP
```

```
Line protocol state: DOWN
```

```
Description: SSLVPN-AC0 Interface
```

```
Bandwidth:64kbps
```

```
Maximum transmission unit: 1500
```

```
Internet protocol processing: Disabled
```

```
Link layer protocol is SSLVPN
```

```
Last clearing of counters: Never
```

```
Last 300 seconds input rate: 0 bytes/sec, 0 bits/sec, 0 packets/sec
```

```
Last 300 seconds output rate: 0 bytes/sec, 0 bits/sec, 0 packets/sec
```

```
Input: 0 packets, 0 bytes, 0 drops
```

```
Output: 0 packets, 0 bytes, 0 drops
```

SSL-VPN AC口默认是速率是 64kbps，引用带宽策略后，该带宽速率模块生效，导致只64kbps 流量

通过。

## 解决方法

通过修改SSL-VPN AC接口的参考带宽，问题解决。

修改接口设置 ✕

接口 SSLVPN-AC1

加入安全域

链路状态  Up  禁用

描述  (1-255字符)

MAC地址

IP地址

IP地址/掩码  (修改)

IPv6地址/前缀长度  (修改)

期望带宽  (Kbps)

MTU  (100-64000)