

# 某局点MSR830和天融信对接IPsec VPN失败处理经验案例

IPSec VPN 俞璇 2019-03-19 发表

## 组网及说明

不涉及。

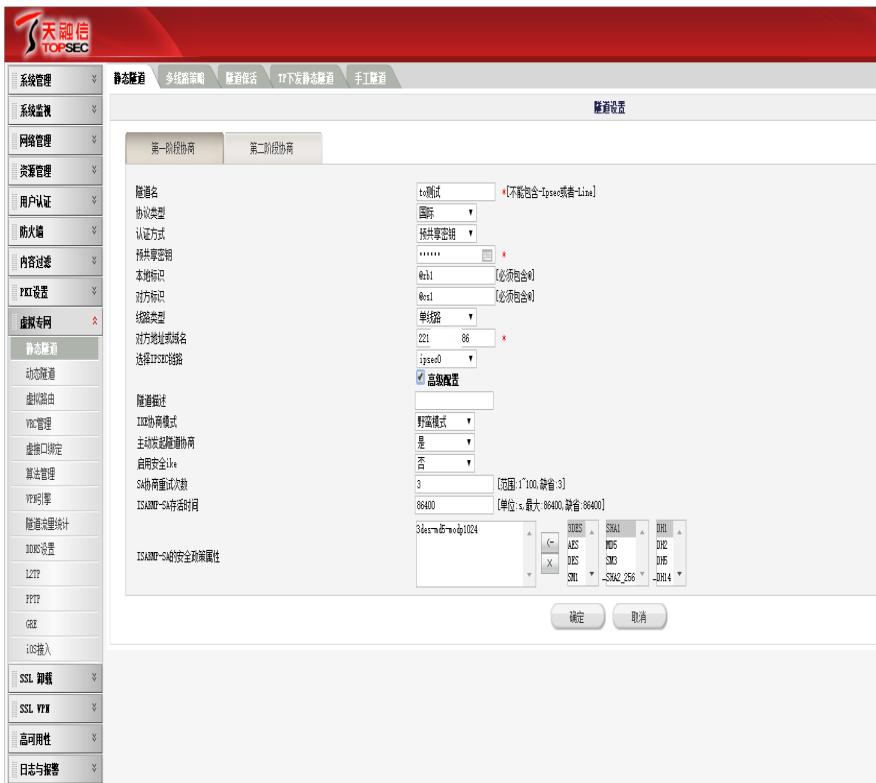
## 问题描述

MSR830和天融信对接IPsec，第一阶段无法建立。

## 过程分析

路由器配置：

```
#  
ike proposal 2  
    encryption-algorithm 3des-cbc  
    dh group2  
    authentication-algorithm md5  
#  
ike dpd tozb  
interval-time 30  
time-out 60  
#  
ike peer tozb  
exchange-mode aggressive  
proposal 2  
pre-shared-key cipher $c$3$zlySpTe7nDA9jO+UDPeG6uJ60NOUuUZAgw==  
id-type name  
remote-name @zb1  
remote-address 221.212.156.85  
local-address 221.212.156.86  
local-name @cs1  
nat traversal  
dpd tozb  
#  
ipsec transform-set tozb  
encapsulation-mode tunnel  
transform esp  
esp authentication-algorithm md5  
esp encryption-algorithm 3des  
#  
ipsec policy 1048576 2 isakmp  
connection-name tozb  
security acl 3000  
ike-peer tozb  
transform-set tozb  
sa duration traffic-based 1843200  
sa duration time-based 3600  
#  
天融信设备配置：
```



从配置看两侧参数一致，我们debugging ike all分析存在以下一条报错：

\*Jan 1 00:52:07:859 2013 HRB-TIEMA IKE/7/DEBUG: find IKE peer by ID.

IfIndex:0x00100000, ID:zb1.

local addr:221.212.156.86, remote addr:221.212.156.85.

**\*Jan 1 00:52:07:959 2013 HRB-TIEMA IKE/7/DEBUG: P1 handle ID: Failed to find IKE peer by ID.**

\*Jan 1 00:52:08:009 2013 HRB-TIEMA IKE/7/DEBUG: exchange state machine: Failed to receive message.

在MSR830上未找到ID为zb1的IKE peer。我们由此推测天融信设备上配置本地和对端标识时需要带@，而在我们设备IKE peer配置中不需要带@。

### 解决方法

将ike peer配置中的remote-name、 local-name配置为zb1、 cs1解决。