V7与深信服设备做ipsec主模式对接

IPSec VPN　程咪　2019-11-27 发表

问题描述

V7与深信服设备做ipsec主模式对接

解决方法

功能需求：

配置步骤：

第 1 步：我司防火墙配置

```
#
 sysname MS-VPN
#
 telnet server enable
#
 password-recovery enable
#
vlan 1
#
vlan 37
 name NETWORK
#
controller Cellular0/0
#
controller Cellular0/1
#
interface Aux0
#
interface Fcm5/0
#
interface Fcm5/1
#
interface Fcm5/2
#
interface Fcm5/3
#
interface Fcm5/4
#
interface Fcm5/5
#
interface NULL0
#
interface GigabitEthernet0/0
 port link-mode route
 combo enable copper
#
interface GigabitEthernet0/1
 port link-mode route
 description inside
 combo enable copper
 ip address 10.10.7.75 255.255.255.0
#
interface GigabitEthernet0/2
```

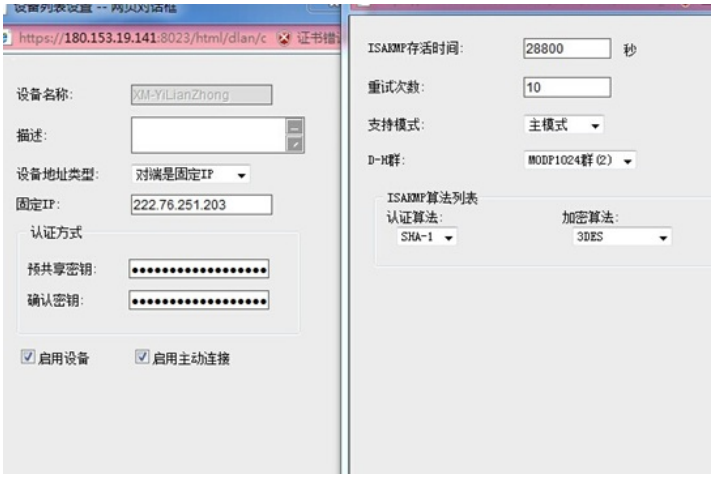
```
 port link-mode route
 description outside
 ip address 222.76.251.X  255.255.255.248    //配置本端的公网地址
 ipsec apply policy ZFT                  //绑定ipsec策略
#
 scheduler logfile size 16
#
line class aux
 user-role network-admin
#
line class tty
 user-role network-operator
#
line class vty
 user-role network-operator
#
line aux 0
 user-role network-admin
#
line tty 81 86
 user-role network-operator
#
line vty 0 4
 authentication-mode scheme
 user-role network-admin
#
line vty 5 63
 user-role network-operator
#
 ip route-static 0.0.0.0 0 10.10.7.254
 ip route-static 180.153.19.X  32  222.76.251.X              //配置到对端的路由
#
acl number 3000          //配置ipsec感兴趣流量
 rule 0 permit ip source 192.168.23.166 0 destination 10.100.12.106 0

#
domain system
#
 aaa session-limit ftp 32
 aaa session-limit telnet 32
 aaa session-limit http 32
 aaa session-limit ssh 32
 aaa session-limit https 32
 domain default enable system
#
role name level-0
 description Predefined level-0 role
#
role name level-1
 description Predefined level-1 role
#
role name level-2
 description Predefined level-2 role
#
role name level-3
 description Predefined level-3 role
#
role name level-4
 description Predefined level-4 role
#
role name level-5
 description Predefined level-5 role
#
role name level-6
```

```
 description Predefined level-6 role
#
role name level-7
 description Predefined level-7 role
#
role name level-8
 description Predefined level-8 role
#
role name level-9
 description Predefined level-9 role
#
role name level-10
 description Predefined level-10 role
#
role name level-11
 description Predefined level-11 role
#
role name level-12
 description Predefined level-12 role
#
role name level-13
 description Predefined level-13 role
#
role name level-14
 description Predefined level-14 role
#
user-group system
#
local-user yyzc class manage
 password hash
 service-type telnet
 authorization-attribute user-role network-admin
 authorization-attribute user-role network-operator
#
ipsec transform-set ZFT     //配置ipsec安全提议,要对对端相同
 esp encryption-algorithm 3des-cbc
 esp authentication-algorithm sha1
 pfs dh-group2
#
ipsec policy ZFT 10 isakmp      //配置ipsec策略
 transform-set ZFT
 security acl 3000
 local-address 222.76.251.X            //配置本段的公网地址
 remote-address 180.153.19.X           //指向对端的公网地址
 ike-profile ZFT
 sa duration time-based 28800
#
 ike keepalive timeout 28800
#
ike profile ZFT
 keychain ZFT
 local-identity address 222.76.251.X         //本端地址
 match remote identity address 180.153.19.X 255.255.255.255        //对端地址
 proposal 1
#
ike proposal 1
 encryption-algorithm 3des-cbc
 dh group2
 sa duration 28800
#
ike keychain ZFT
 pre-shared-key address 180.153.19.X  255.255.255.255 key cipher $c$3$YBS8RjTmxJwUsRMIZoru
vAYIDC55iTBogjywPN9/6g==
#
```

第 2 步：深信服设备配置

1、配置ike对等体



2、配置ike proposal

3、配置ipsec感兴趣流量


https://180.153.19.141:8023/html/dlan/policy_oper
证书错
策略名称:
TO-XM_YiLianZhong
描述:
源IP类型:
单个IP
源IP地址:
10.100.12.106
对端设备:
XM-YiLianZhong
SA生存时间:
28800
秒
出站服务:
所有服务
安全选项:
默认安全选项
生效时间:
全天
在时间生效范围内允许
在时间生效范围内拒绝
启用过期时间
过期时间:
0-00-00
0
0
0
启用该策略
启用密钥完美向前保密