

组网及说明

组网一：

H3C 12508（v5）-----直连-----华为NE5000

组网二：

H3C 12516F-AF（）V7-----直连-----华为NE5000

配置步骤

华为5000E配置(对接固定不变)：

```
ipsec proposal aaa
```

```
encapsulation-mode transport
```

```
transform ah
```

```
ah authentication-algorithm md5
```

```
ipsec sa sa1
```

```
proposal aaa
```

```
sa spi inbound ah 512
```

```
sa authentication-hex inbound ah cipher %%%S@B^<UiFq5Q$`TI7E@aDS@B^<UiFq5Q$`TI7E@a  
D)'U`WZjBO6"-+P@[UTES%###
```

```
sa spi outbound ah 512
```

```
sa authentication-hex outbound ah cipher
```

```
%###;aF4"MNNjB2|&KFkxd+!;aF4"MNNjB2|&KFkxd+!s+!k9P8Fz"P"@-W-@zl6%###
```

```
interface 100GE2/1/1/1
```

```
description 100GE
```

```
undo shutdown
```

```
ipv6 enable
```

```
ipv6 address 2408:1000:1000::12/127
```

```
ospfv3 65555 area 0.0.0.7
```

```
ospfv3 cost 40
```

```
ospfv3 network-type p2p
```

```
ospfv3 ipsec sa sa1
```

H3C 12508（V5）对接配置

```
ipsec proposal aaa
```

```
encapsulation-mode transport
```

```
transform ah
```

```
#
```

```
ipsec policy sa1 1 manual
```

```
proposal aaa
```

```
sa spi inbound ah 512
```

```
sa authentication-hex inbound ah cipher
```

```
$c$3$mFrAJkvpB1t+qTtGXLcBsoGg3Nw/TdH6I00nYgyJGbUQ0clATnLj69GoJclz24wH8lG8
```

```
sa spi outbound ah 512
```

```
sa authentication-hex outbound ah cipher $c$3$+xGX0cw+OMcNd+vg2weQulbgPdzcPcy0OAQfZL3
```

```
GVMqS5CGs9vJJmgQE0AxdumXyA5M
```

```
interface Vlan-interface10
```

```
ipv6 address 2408:1000:1000::13/127
```

```
ospfv3 65555 area 0.0.0.7
```

```
ospfv3 cost 50
```

```
ospfv3 network-type p2p
```

```
ospfv3 ipsec-policy sa1
```

12516F-AF（V7）对接配置：

```
ipsec transform-set aaa
```

```
protocol ah
```

```
encapsulation-mode transport
```

```
ah authentication-algorithm md5
```

```
ipsec profile aaa manual
transform-set aaa
sa spi inbound ah 512
sa hex-key authentication inbound ah cipher $c$3$FJcsu36n8mx2/V+aothkqpsPcEM3otfR2YdWyss
dstTM3zKwWbQopc0LnNZYkLYkdclu
sa spi outbound ah 512
sa hex-key authentication outbound ah cipher $c$3$Hivol/yvH/zS0SPvkWCQi6D2Y7t57ZHboVrZAu
BCZlnhR0Z18LAjSBfq24UM3Lxgg0s

interface HundredGigE2/0/1
port link-mode route
description 100GE
ospfv3 65555 area 0.0.0.7
ospfv3 cost 40
ospfv3 network-type p2p
ospfv3 ipsec-profile aaa
ipv6 address 2408:1000:1000::13/127
```

配置关键点

- 1、注意安全提议的加密算法一致性；
- 2、SA的key的字符集格式需要保持一致；