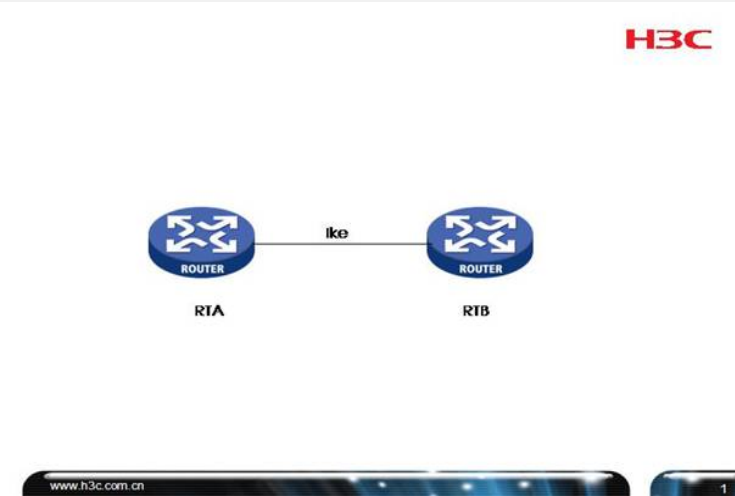


SR6600路由器IKE Keepalive功能的配置

关键字：SR66；IKE；Keepalive；IPSec

- 一、组网需求：
- 2台SR66通过Keepalive来保证IKE SA的一致性。
- 设备清单：SR6600路由器2台

二、组网图：



三、配置步骤：

RTA配置	
<pre># //配置IKE SA的Keepalive发送时间间隔，这里为60s ike sa keepalive-timer interval 60 # ike peer 1.2.0.2 pre-shared-key h3c remote-address 1.2.0.2 # ipsec proposal def # ipsec policy 1.2.0.2 1 isakmp security acl 3000 ike-peer 1.2.0.2 proposal def # acl number 3000 rule 0 permit ip source 1.2.0.1 0 destination 1.2.0.2 0 # interface GigabitEthernet0/0 port link-mode route ip address 1.2.0.1 255.255.255.252 ipsec policy 1.2.0.2 #</pre>	
RTB配置	

```
#
//配置IKE SA的Keepalive超时等待时间，在这段时间内没有收到对端发送的Keepalive，删除IKE SA，这里
为240s，超时时间设置一般大于对端发送间隔的3倍
ike sa keepalive-timer timeout 240
#
ike peer 1.2.0.1
pre-shared-key h3c
remote-address 1.2.0.1
#
ipsec proposal def
#
ipsec policy 1.2.0.1 1 isakmp
security acl 3000
ike-peer 1.2.0.1
proposal def
#
acl number 3000
rule 0 permit ip source 1.2.0.2 0 destination 1.2.0.1 0
#
interface GigabitEthernet0/0
port link-mode route
ip address 1.2.0.2 255.255.255.252
ipsec policy 1.2.0.1
#
```

四、配置关键点：

- 1) Keepalive是单向保活机制（一端配置发送间隔，另一端配置超时），如果需要双向保活需要在两端都配置间隔和超时；
- 2) 超时时间建议大于发送间隔的3倍；
- 3) **Keepalive是私有的机制，不同厂家的Keepalive不能互通。**