

知 Typical Configuration Of PPP MP on AR28、AR46 Series Routers--Binding the Link to VT by User Name

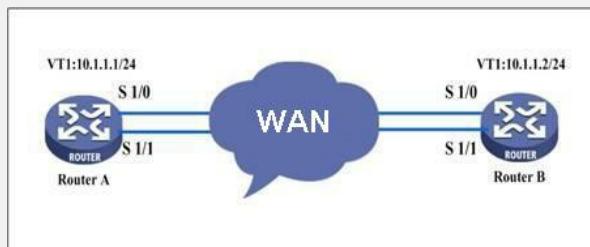
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[Requirements]

RouterA and RouterB interwork through the MP link, realizing higher bandwidth and reliability.

[Networking diagram]



[Configuration script]

Configuration script (RouterA)

```
#  
sysname RouterA  
#  
ppp mp user rtb bind Virtual-Template 0 /Bind the user rtb to VT0/  
#  
radius scheme system  
#  
domain system  
#  
local-user rtb /Create a local account for authentication/  
password simple rtb  
service-type ppp  
#  
interface Virtual-Template0 /Create a VT interface/  
ip address 10.1.1.1 255.255.255.0  
#  
interface Serial1/0  
link-protocol ppp  
ppp authentication-mode pap  
ppp pap local-user rta password simple rta  
ppp mp  
#  
interface Serial1/1  
link-protocol ppp  
ppp authentication-mode pap /Enable PAP authentication/  
ppp pap local-user rta password simple rta /User name and password sent to the peer/  
ppp mp  
#  
interface NULL0  
#  
user-interface con 0  
user-interface vty 0 4  
#  
return
```

Configuration script (RouterB)

```
#  
sysname RouterB  
#  
ppp mp user rta bind Virtual-Template 0 /Bind the user rta to VT0/  
#  
radius scheme system  
#  
domain system  
#  
local-user rta      /Create a local account for authentication/  
password simple rta  
service-type ppp  
#  
interface Virtual-Template0 /Create a VT interface/  
ip address 10.1.1.2 255.255.255.0  
#  
interface Serial1/0  
link-protocol ppp  
ppp authentication-mode pap  
ppp pap local-user rtb password simple rtb  
ppp mp  
#  
interface Serial1/1  
link-protocol ppp  
ppp authentication-mode pap      /Enable PAP authentication/  
ppp pap local-user rtb password simple rtb /User name and password sent to the  
peer/  
ppp mp  
#  
interface NULL0  
#  
user-interface con 0  
user-interface vty 0 4  
#  
return
```

[Verification]

Execute the **disp ppp mp** command, and see that the two physical links have been bound to VT0. The two routers can successfully ping the peer IP address.

```
[RouterA]disp ppp mp  
Template is Virtual-Template0  
max-bind: 16, min-fragment: 128  
Bundle ef63fe328e5d/rtb, 2 members, slot 0, Master link is Virtual-Template0:0  
Peer's endPoint descriptor: ef63fe328e5d  
Bundle Up Time: 2006/01/27 08:15:53:664  
0 lost fragments, 0 reordered, 0 unassigned, 0 interleaved,  
sequence 0/0 rcvd/sent  
The member channels bundled are:  
Serial1/0    Up-Time:2006/01/27 08:16:17:78  
Serial1/1    Up-Time:2006/01/27 08:15:53:664
```

[Tip]

In this mode, the interfaces of routers at both sides need to authenticate the user, complicating the configuration. So it is not preferred.