

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.