

## 知 Typical Configuration Of PPP MP on AR28、 AR46 Series Routers--Binding the Link to the MP-group Interface

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### Typical Configuration Of PPP MP on AR28、 AR46 Series Routers--Binding the Link to the MP-group Interface

#### [Requirements]

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

#### [Networking diagram]



#### [Configuration script]

##### Configuration script (RouterA)

```
#
sysname RouterA
#
radius scheme system
#
domain system
#
interface Serial1/0
link-protocol ppp
ppp mp Mp-group 0      /Bind the physical port with MP-group/
#
interface Serial1/1
link-protocol ppp
ppp mp Mp-group 0      /Bind the physical port with MP-group/
#
interface Mp-group0      /Create an MP-group/
ip address 10.1.1.1 255.255.255.0
#
interface NULL0
#
user-interface con 0
user-interface vty 0 4
#
return
```

##### Configuration script (RouterB)

```
#
sysname RouterB
#
radius scheme system
#
domain system
#
interface Serial1/0
link-protocol ppp
ppp mp Mp-group 0      /Bind the physical port with MP-group/
#
interface Serial1/1
link-protocol ppp
ppp mp Mp-group 0      /Bind the physical port with MP-group/
#
interface Mp-group0      /Create an MP-group/
ip address 10.1.1.2 255.255.255.0
#
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 VTI. The two routers can successfully ping the peer IP address.

```
[Quidway]disp ppp mp
Mp-group is Mp-group0
max-bind: 16, min-fragment: 128
Bundle Multilink, 2 members, slot 0, Master link is Mp-group0
Peer's endPoint descriptor: a3550d163e28
Bundle Up Time: 2006/01/27 08:26:44:79
0 lost fragments, 5 reordered, 0 unassigned, 0 interleaved,
sequence 4/5 rcvd/sent
Member channels: 2 active, 0 inactive
Serial1/0    Up-Time:2006/01/27 08:26:44:79
Serial1/1    Up-Time:2006/01/27 08:26:51:781
```

**[Tip]**

1. There are three way of binding MP:

- 1) Directly bind the link to VT;
- 2) Bind the link to VT by user name;
- 3) Bind the link to MP-group interface.

The first and third methods are preferred rather than the second one.

2. The MP-group binding is similar to the VT binding. You need to create an MP-group, and then bind the physical port with it.