

## 知 Typical Configuration Of PPPoE Client on AR28、AR46 Series Routers--Using ADSL Interface

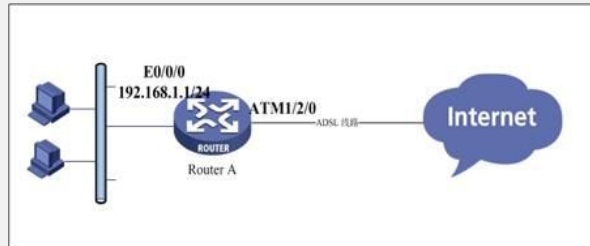
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#### [Requirements]

RouterA passes through the ADSL line by the ADSL interface, and accesses the Internet by dial up.

#### [Networking diagram]



#### [Configuration script]

##### Configuration script (RouterA)

```
#
sysname RouterA
#
dialer-rule 1 ip permit      /Create dialer-rule 1/
#
radius scheme system
#
domain system
#
acl number 2001             /Configure an ACL for the NAT/
rule 0 permit source 192.168.1.0 0.0.0.255
rule 1 deny
#
interface Dialer1           /Create int dialer 1/
link-protocol ppp
ppp pap local-user huawei password simple 123456 /ADSL account and password
for authentication/
ip address ppp-negotiate    /Acquire IP address by PPP negotiation/
dialer user mypppoe
dialer-group 1              /Apply dialer-rule 1/
dialer bundle 1
nat outbound 2001          /Apply ACL 2001 for Easy IP NAT/
#
interface Ethernet0/0/0
ip address 192.168.1.1 255.255.255.0
tcp mss 1400
#
interface Atm1/2/0
#
interface Atm1/2/0.1
pvc to_adsl 0/35           /Create a PVC for the ADSL line/
map bridge Virtual-Ethernet1 /Bind the PVC with VE 1/
#
interface Virtual-Ethernet1 /Configure the VE 1 interface/
pppoe-client dial-bundle-number 1 /Bind VE 1 to the dialer 1 interface/
mac-address 0001-0002-0003 /Configure a virtual MAC address for the VE
1 interface/
#
interface NULL0
#
ip route-static 0.0.0.0 0.0.0.0 Dialer 1 preference 60
/Set dialer 1 as the default outgoing interface of routing/
#
user-interface con 0
user-interface vty 0 4
#
return
```

#### [Verification]

Using the **disp int dialer 1** command, you can see that the IP address of the Internet has been acquired, and the intranet can access the Internet through the NAT.

#### [Tip]

1. The ADSL interface functions equal to the PPPoEoA.

2. The VPI/VCI ID of the PVC is provided by the ISP, and it is **0/35** usually.
3. The virtual MAC address of the VE interface can be set arbitrarily, but it is preferred to use a special MAC address like **0001-0002-0003**.