

知 Typical Configuration Of PAP Unidirectional Authentication on AR28、AR46 Series Routers

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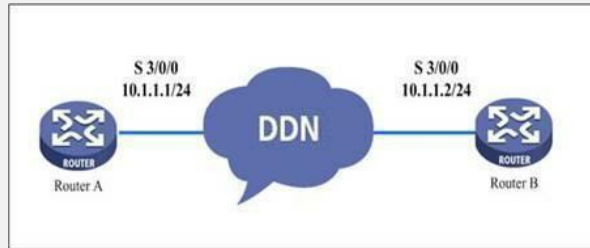
Typical Configuration Of PAP Unidirectional Authentication on AR28、AR46 Series Routers

[Requirements]

RouterB needs to authenticate the account and password sent from RouterA through PAP, and line protocol will not be up until the authentication succeeds.

RouterA does not need to authenticate RouterB.

[Networking diagram]



[Configuration script]

Configuration script (RouterA)

```
#
sysname RouterA
#
radius scheme system
#
domain system
#
interface Serial3/0/0
link-protocol ppp
ppp pap local-user rta password simple rta /User name and password sent to the peer/
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
#
local-user rta /Create a local account for authentication/
password simple rta /Set a password for the account/
service-type ppp /Set the service type to PPP/
#
interface Serial3/0/0
link-protocol ppp
ppp authentication-mode pap /Enable PAP authentication/
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 int s 3/0/0** command, and see that both the physical layer and the link layer of the interface are up and PPP LCP and IPCP are opened, indicating that the link PPP negotiation has succeeded and both the routers can successfully ping the peer IP address.

Serial3/0/0 current state :UP

Line protocol current state :UP

Description : Serial3/0/0 Interface

The Maximum Transmit Unit is 1500, Hold timer is 10(sec)

Internet Address is 10.1.1.1/24

Link layer protocol is PPP

LCP opened, IPCP opened, OSICP opened

Output queue : (Urgent queuing : Size/Length/Discards) 0/50/0

Output queue : (Protocol queuing : Size/Length/Discards) 0/500/0

Output queue : (FIFO queuing : Size/Length/Discards) 0/75/0

Interface is V35

121 packets input, 2304 bytes

126 packets output, 2618 bytes