

## 知 Typical Configuration Of Interconnecting LANs through FR on AR28、AR46 Series Router--static mapping

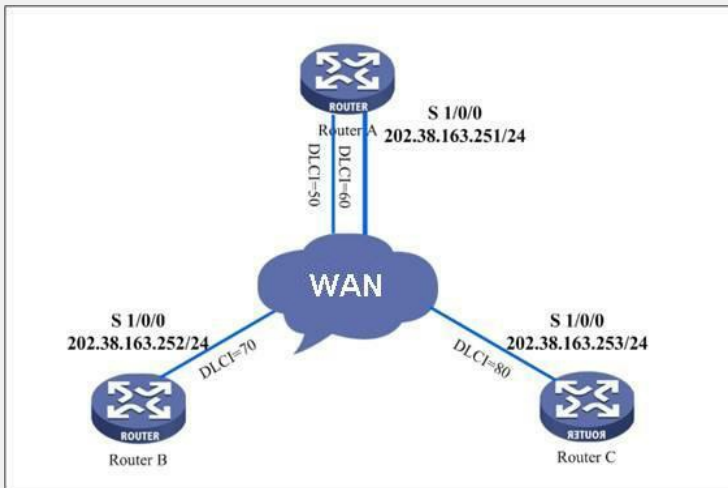
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### Typical Configuration Of Interconnecting LANs through FR on AR28、AR46 Series Router--static mapping

#### [Requirements]

RouterA serves as the headquarters, and RouterB and RouterC are interconnected through FR.

#### [Networking diagram]



#### [Configuration script]

##### Configuration script (RouterA)

```
#
sysname RouterA
#
radius scheme system
#
domain system
#
interface Serial1/0/0
link-protocol fr /Set the encapsulation mode to FR, which defaults to DTE/
fr map ip 202.38.163.252 50 /Configure static address mapping to RouterB/
fr map ip 202.38.163.253 60 /Configure static address mapping to RouterC/
ip address 202.38.163.251 255.255.255.0
#
interface Ethernet0/0/0
ip address 192.168.1.1 255.255.255.0
#
interface NULL0
#
user-interface con 0
user-interface vty 0 4
#
return
```

##### Configuration script (RouterB)

```
#
sysname RouterB
#
radius scheme system
#
domain system
#
interface Serial1/0/0
link-protocol fr /Set the encapsulation mode to FR, which defaults to DTE/
fr map ip 202.38.163.251 70 /Configure static address mapping to RouterA/
ip address 202.38.163.252 255.255.255.0
#
interface Ethernet0/0/0
ip address 192.168.2.1 255.255.255.0
#
interface NULL0
#
user-interface con 0
user-interface vty 0 4
#
return
```

### Configuration script (RouterC)

```
#
sysname RouterC
#
radius scheme system
#
domain system
#
interface Serial1/0/0
link-protocol fr          /Set the encapsulation mode to FR, which defaults to DTE/
fr map ip 202.38.163.251 80 /Configure static address mapping to RouterA/
ip address 202.38.163.253 255.255.255.0
#
interface Ethernet0/0/0
ip address 192.168.3.1 255.255.255.0
#
interface NULL0
#
user-interface con 0
user-interface vty 0 4
#
return
```

### Configuration script (FR switch)

```
#
sysname FR-switch
#
fr switching          /Enable FR switching/
#
radius scheme system
#
domain system
#
interface Serial2/0/0
link-protocol fr
fr interface-type dce /Set the interface type to DCE/
fr dlc1 50
fr dlc1 60
#
interface Serial2/0/1
link-protocol fr
fr interface-type dce /Set the interface type to DCE/
fr dlc1 70
#
interface Serial2/0/2
link-protocol fr
fr interface-type dce /Set the interface type to DCE/
fr dlc1 80
#
interface NULL0
#
fr switch A-B interface Serial2/0/0 dlc1 50 interface Serial2/0/1 dlc1 70
/Configure the PVC for RouterA and RouterB switching
through FR/
fr switch A-C interface Serial2/0/0 dlc1 60 interface Serial2/0/2 dlc1 80
/Configure the PVC for RouterA and RouterC switching
through FR/
#
user-interface con 0
user-interface vty 0 4
#
return
```

### [Verification]

The headquarters and branches can successfully ping each other.