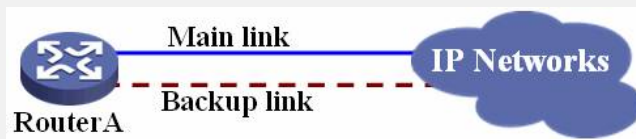


### Typical Configuration Of Interface Backup on AR28、 AR46 Series Routers

#### [Requirements]

The router can access the network through the active line, and the standby line takes effect when the active fails.

#### [Networking diagram]



#### [Configuration script]

##### Configuration script

```
#
interface Aux0
  async mode protocol
  link-protocol ppp
  ip address 2.2.2.2 255.255.255.0
#
interface Serial3/0/0
  link-protocol ppp
  ip address 1.1.1.1 255.255.255.0
  // Specify Aux0 as the standby interface
  standby interface Aux0
#
//Configure two default routes. The first one works in the active status and the second one works when the standby interface is switched.
ip route-static 0.0.0.0 0.0.0.0 Serial 3/0/0 preference 60
ip route-static 0.0.0.0 0.0.0.0 Aux 0 preference 80
#
```

#### [Verification]

#### [Tip]

It is recommended that the active interface can be closed down by the link layer protocol, such as ppp or hdlc. It is almost meaningless to back up the Ethernet interface, because link layer is up as long as the physical interface is up and hence the backup link cannot be enabled.

Multiple interfaces can be specified as the standby interfaces at the same time