

一、升级步骤

1、给路由器 mgmt 口配置地址

```
Ruijie(config)#interface mgmt 0
```

```
Ruijie(config-if-Mgmt 0)#ip address 192.168.10.10 255.255.255.0 #配置路由器的接口地址
```

```
Ruijie(config-if-Mgmt 0)#exit
```

备注：

```
Ruijie(config-if-Mgmt 0)#gateway 192.168.10.1 #配置 mgmt 口的网关地址
```

2、电脑配置相同网段的地址，在路由器上 ping 测试是否正常通信(因为 mgmt 口和设备其他接口逻辑隔离开的，通过 mgmt 口操作的时候需要添加 oob)

```
Ruijie#ping oob 192.168.10.2
```

```
Sending 5, 100-byte ICMP Echoes to 192.168.100.2, timeout is 2 seconds:
```

```
< press Ctrl+C to break >
```

```
!!!!
```

```
Success rate is 100 percent (5/5), round-trip min/avg/max = 1/2/10 ms
```

3.测试通信之后，在 PC 机上准备好升级文件，打开 TFTP 软件，将软件名称更改为 rgos.bin

1) 把要升级的软件版本和 TFTPserver 放在同一个文件夹

rgos.bin	2017/8/28 19:28	BIN 文件	64,265 KB
TftpServer.exe	2016/9/8 16:03	应用程序	1,703 KB

2) 双击 TftpServer.exe , 开启 TFTPserver 软件



4、将自动升级包上传到路由器

输入的命令为：

Ruijie#copy oob_tftp://192.168.10.2/rgos.bin flash:/rgos.bin #192.168.10.2 为

终端的地址，此时终端的防火墙要关闭

```

System is running defragment, please wait....
Press Ctrl+C to quit
The file has existed, do you want to overwrite it? [yes/no]: y
!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
Transmission finished, file length 65806848 bytes.
Verify the image .....[ok]
Upgrading system boot image on slave:/
!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
Waiting for image installed.....|.....Complete

CURRENT PRODUCT INFORMATION :
  PRODUCT ID: 0x10150010
  PRODUCT DESCRIPTION: Ruijie Router (RSR7708) by Ruijie Networks

SUCCESS: UPGRADING OK.
Ruijie#

```

5、软件导入并校验成功之后，执行 upgrade system rgos.bin 对线卡进行升级

```

Ruijie#
Ruijie# upgrade system rgos.bin
These images in linecard will be updated:
  Slot      image      linecard
-----
      M1      CTRL      RSR7708-SRCMI
      M2      CTRL      RSR7708-SRCMI
     4/0      CTRL      RSR77-SIP1
           MAIN      RSR77-SIP1
     4/1      CTRL      DFNM-8GE
           MAIN      DFNM-8GE
-----
Installing CTRL,DO NOT POWER OFF!
Releasing files...
Upgrading...!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
CTRL installed
Installing MAIN
!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
Upgrade result:
  Slot      Image      Result
-----
      M1      CTRL      OK
      M2      CTRL      OK
     4/0      CTRL      OK
           MAIN      OK
     4/1      CTRL      OK
           MAIN      OK
-----
Ruijie#

```

6、重启设备，完成升级

```

Ruijie#
Ruijie# reload
Proceed with reload? [no]y

```

二、升级验证

通过命令 `show version` 查看设备的版本信息，确认是否升级成功

```
Ruijie#sh ver
System description      : Ruijie Router (RSR7708) by Ruijie Networks
System start time       : 2017-08-29 4:18:5
System uptime           : 0:0:1:37
System hardware version : 1.00
System software version : RGOS 10.4(3b31)T32 Release(214585)
System BOOT version     : 10.4(3b31)p1 Release(192704)
System CTRL version     : 10.4(3b31)T32 Release(214585)
Module information:
  Slot-M1 : RSR7708-SRCMI
    System hardware version : 1.00
    System software version : RGOS 10.4(3b31)T32 Release(214585)
    Flash MAIN version      : 10.4(3b31)T32 Release(214585)
    Flash CTRL version      : 10.4(3b31)T32 Release(214585)
    Flash BOOT version      : 10.4(3b31)p1 Release(192704)
  Slot-4/0 : RSR77-SIP1
    System hardware version : 1.00
    System software version : RGOS 10.4(3b31)T32 Release(214585)
    Flash MAIN version      : 10.4(3b31)T32 Release(214585)
    Flash CTRL version      : 10.4(3b31)T32 Release(214585)
    Flash BOOT version      : 10.4(3b31)p1 Release(192704)
    System serial number    : 4680F90JM0001
  Slot-4/1 : RSR77-SIP1
    System hardware version : 1.00
    System software version : RGOS 10.4(3b31)T32 Release(214585)
    Flash MAIN version      : 10.4(3b31)T32 Release(214585)
    Flash CTRL version      : 10.4(3b31)T32 Release(214585)
    Flash BOOT version      : 10.4(3b31)p1 Release(192704)
    System serial number    : 4680F90JM0001
```