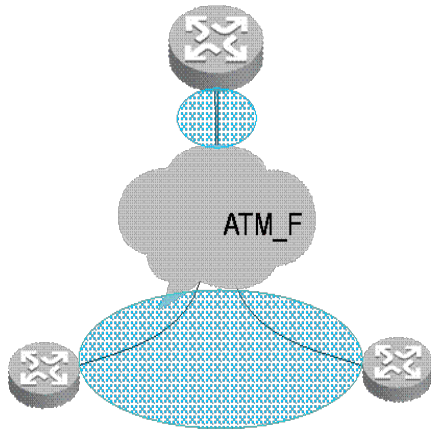


### ATM E3 模块应用案例

#### 一、基本信息

某公司网络拓扑如下图所示。



#### 二、网络规划

中心R3640E使用一块ATM E3卡接入电信ATM网，各县一台C1720接入本地帧中继网。

#### 三、主要配置

R3640E配置：

```
#
interface Atm3/0
frame-format g832-adm
pvc max-number 100
#
interface Atm3/0.1
pvc mengzi 0/92
map ip 10.160.18.6 255.255.255.252 broadcast
description To MengZi
ip address 10.160.18.5 255.255.255.252
```

C1720配置：

```
interface Serial0.3 point-to-point
description Frame-relay to Honghe
backup delay 10 10
backup interface Serial1
ip address 10.160.18.6 255.255.255.252
frame-relay interface-dlci 16
```

ATM E3接口参数：

```
<Huawei-HongH>dis int atm
Atm3/0 current state :UP
Line protocol current state :UP
Description : Atm3/0 Interface
The Maximum Transmit Unit is 1500
Internet protocol processing : disabled
AAL enabled: AAL5, Maximum VCs: 100
Current VCs: 6 (0 on main interface)
Physical layer is ATM over E3
Scramble enabled, G.832 ADM frame format, clock slave, loopback not set
Atm3/0.1 current state :UP
Line protocol current state :UP
Description : To MengZi
The Maximum Transmit Unit is 1500
Internet Address is 10.160.18.5/30
Sub-interface type: multi-point, VCs on sub-interface: 1
Atm link check function: disable
Physical layer is ATM over E3
Scramble enabled, G.832 ADM frame format, clock slave, loopback not set
[Huawei-HongH]ping 10.160.18.14
```

```
PING 10.160.18.14: 56 data bytes, press CTRL_C to break
Reply from 10.160.18.14: bytes=56 Sequence=1 ttl=255 time=14 ms
Reply from 10.160.18.14: bytes=56 Sequence=2 ttl=255 time=14 ms
Reply from 10.160.18.14: bytes=56 Sequence=3 ttl=255 time=14 ms
Reply from 10.160.18.14: bytes=56 Sequence=4 ttl=255 time=15 ms
Reply from 10.160.18.14: bytes=56 Sequence=5 ttl=255 time=14 ms
0.00% packet loss
round-trip min/avg/max = 14/14/15 ms
```

#### **四、备注**

ATM网与FR网在电信端有专有互联设备，终端只要配置好本段即可。

电信网管可以看到终端ATM状态(up/down)，终端ATM E3参数要与电信端设备参数相匹配。