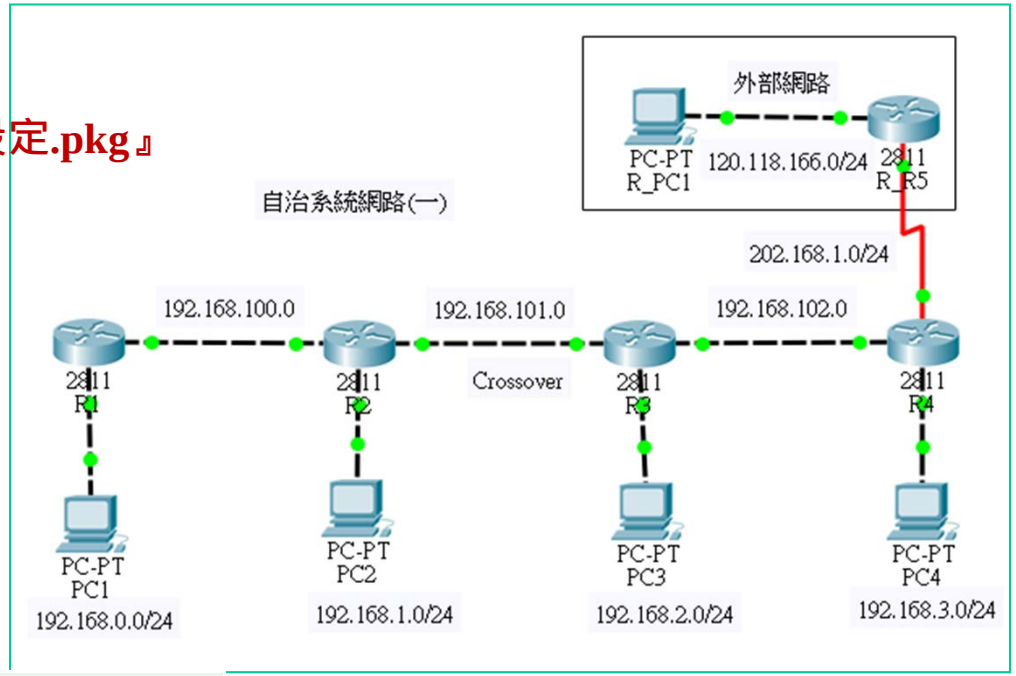
7-5-3 RIPv2+預設閘門 (一)

- 預設閘門規劃
  - 『自治系統網路(一)_RIPv2設定.pkg』
  - 預設閘門



Router	Default Route	備註
R1	192.168.100.2	往外部網路方向傳送
R2	192.168.101.2	往外部網路方向傳送
R3	192.168.102.2	往外部網路方向傳送
R4	202.168.1.2	往外部網路方向傳送
R_R5	202.168.1.1	往內部網路方向傳送

7-5-3 RIPv2+預設閘門 (二)

- 預設閘門設定
  - R1 設定

```
R1(config)#ip route 0.0.0.0 0.0.0.0 192.168.100.2
R1(config)#do show ip route
      ..
      Gateway of last resort is 192.168.100.2 to network 0.0.0.0

      R 120.0.0.0/8 [120/4] via 192.168.100.2, 00:00:26, FastEthernet0/1
      C 192.168.0.0/24 is directly connected, FastEthernet1/0
      R 192.168.1.0/24 [120/1] via 192.168.100.2, 00:00:26, FastEthernet0/1
      R 192.168.2.0/24 [120/2] via 192.168.100.2, 00:00:26, FastEthernet0/1
      R 192.168.3.0/24 [120/3] via 192.168.100.2, 00:00:26, FastEthernet0/1
      C 192.168.100.0/24 is directly connected, FastEthernet0/1
      R 192.168.101.0/24 [120/1] via 192.168.100.2, 00:00:26,
      FastEthernet0/1
      R 192.168.102.0/24 [120/2] via 192.168.100.2, 00:00:26,
      FastEthernet0/1
      R 202.168.1.0/24 [120/3] via 192.168.100.2, 00:00:26, FastEthernet0/1
      S* 0.0.0.0/0 [1/0] via 192.168.100.2
```

- 繞路測試
  - R1

```
C:\>ping 192.168.1.1     [OK]
C:\>ping 192.168.2.1     [OK]
C:\>ping 192.168.3.1     [OK]
C:\>ping 120.118.166.1   [OK]
```