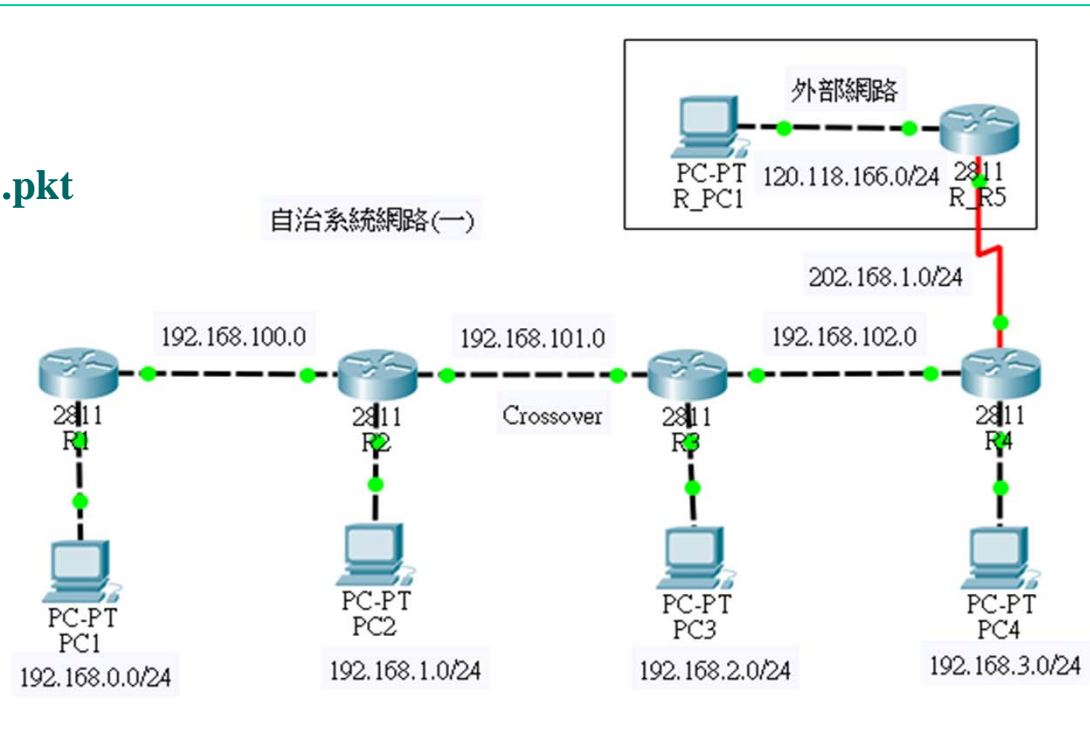


7-5-5 OSPF 繞路設定 (一)



☀️ OSPF 繞路規劃

◆ 自治系統網路(一)_介面設定.pkt



Router	Network_1	Network_2	Network_3	Area
R1	192.168.0.0/24	192.168.100.0/24		Area 0
R2	192.168.100.0/24	192.168.1.0/24	192.168.101.0/24	Area 0
R3	192.168.101.0/24	192.168.2.0/24	192.168.102.0/24	Area 0
R4	192.168.102.0/24	192.168.3.0/24	202.168.1.0/24	Area 0
R_R5	120.118.166.0/24	202.168.1.0/24		Area 0



7-5-5 OSPF 繞路設定 (二)



✦ OSPF 繞路設定

◆ R1 設定

```
R1(config)#ip routing    [啟動 IP routing 功能]
R1(config)#route ospf 1    [設定 OSPF 功能, process-id = 1]
R1(config-router)#network 192.168.0.0 0.0.0.255 area 0 [設定網路範圍與區域]
R1(config-router)#network 192.168.100.0 0.0.0.255 area 0
R1(config)#do show ip route    [顯示路由表]

Gateway of last resort is not set

C 192.168.0.0/24 is directly connected, FastEthernet1/0
C 192.168.100.0/24 is directly connected, FastEthernet0/1
```

✦ 繞路測試

◆ 自治系統網路(一)_OSPF 設定.pkg

◆ R1 測試

```
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]
```

