

OF中的路由汇总配置 PDF转换可能丢失图片或格式，建议阅读原文

https://www.100test.com/kao_ti2020/278/2021_2022_OF_E4_B8_AD_E7_9A_84_E8_c101_278257.htm

目的：通过汇总减少路由器由于路由表中的路由条目过多产生的负担 路由器的基本配置：

```
r1#sho run!interface Loopback0 ip address 199.172.16.1
255.255.255.0!interface Loopback1 ip address 199.172.17.1
255.255.255.0!interface Loopback2 ip address 199.172.18.1
255.255.255.0!interface Loopback3 ip address 199.172.19.1
255.255.255.0!interface FastEthernet0/0 ip address 12.0.0.1
255.255.255.0 duplex half!router ospf 110 log-adjacency-changes
network 0.0.0.0 255.255.255.255 area 12!!Endr2#sho run!interface
FastEthernet0/0 ip address 12.0.0.2 255.255.255.0 duplex
half!interface Serial2/2 ip address 23.0.0.2 255.255.255.0 serial
restart-delay 0!router ospf 110 log-adjacency-changes area 12 range
199.172.16.0 255.255.252.0 //路由汇总 network 12.0.0.0 0.0.0.255
area 12 network 23.0.0.0 0.0.0.255 area 0!Endr3#sho run!interface
Serial2/1 ip address 23.0.0.3 255.255.255.0 serial restart-delay
0!interface Serial2/2 ip address 34.0.0.3 255.255.255.0 serial
restart-delay 0!router ospf 110 log-adjacency-changes network
23.0.0.0 0.0.0.255 area 0 network 34.0.0.0 0.0.0.255 area
34!Endr4#sho run!interface Loopback0 ip address 151.100.32.1
255.255.255.0!interface Loopback1 ip address 151.100.33.1
255.255.255.0!interface Loopback2 ip address 151.100.34.1
255.255.255.0!interface Loopback3 ip address 151.100.35.1
255.255.255.0!interface Serial2/1 ip address 34.0.0.4 255.255.255.0
```

```
serial restart-delay 0!router ospf 110 log-adjacency-changes
summary-address 151.100.32.0 255.255.252.0 //路由汇总把区域外
的路由条目汇总成一条,redistribute connected subnets route-map
hhh //把域外的路由条目重分布到域内network 34.0.0.0 0.0.0.255
area 34!route-map hhh permit 10 match interface Loopback0
Loopback1 Loopback2 Loopback3!End 100Test 下载频道开通 ,
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```