SW3：

enable //修改主机名

configure terminal

hostname switch3

vlan 30 //

vlan 40 //创建vlan40并设置svi40接口

interface vlan 40

ip address 10.1.4.254 255.255.255.0

no shutdown

interface r f0/3-4

switch mode trunk

no shutdown

interface f0/1 //vlan划分

switch mode access

switch access vlan 40

no shutdown

spanning-tree //配置mst生成树

spanning-tree mode mst

spanning-tree mst conf

instance 2 vlan 40

instance 1 vlan 30

spanning-tree mst 2 prio 0

spanning-tree mst 1 prio 4096

nterface f0/2 //关闭交换功能，打开路由功能

no switch

ip address 10.23.23.2 255.255.255.248

no shutdown

router ospf 1 //开启ospfpf进程1并宣告网段

network 10.23.23.0 0.0.0.7 area 0

network 10.1.4.0 0.0.0.255 area 0

network 10.1.3.0 0.0.0.255 area 0

ip access-list extenabled 100 //拓展访问控制列表100

deny ip host 10.1.4.1 host 8.8.8.8

//拒绝主机10.1.4.1访问主机8.8.8.8

permit ip any any //放行所有流量

interface f0/1 //进入接口f0/1并在入方向接口下调用ACL100

ip access-group 100 in