SW2：

enable //修改主机名

configure terminal

hostname switch2

vlan 30 //创建vlan

vlan 40

interface vlan 30

ip address 10.1.3.254 255.255.255.0

no shutdown

interface r f0/3-4

switch mode trunk

no shutdown

interface f0/1 //vlan划分

switch mode access

switch access vlan 30

no shutdown

spanning-tree //开启生成树

spanning-tree mode mst //生成树模式mst

spanning-tree mst conf //配置mst

instance 1 vlan 30 //划分vlan30到mst实例1

instance 2 vlan 40

spanning-tree mst 1 prio 0 //配置实例1优先级（本地最高）

spanning-tree mst 2 prio 4096 //配置实例2优先级

interface f0/2 //关闭交换功能配置三层ip

no switch

ip address 10.22.22.2 255.255.255.248

no shutdown

outer ospf 1 //开启ospfpf进程并在areaa 0中宣告路由

network 10.22.22.0 0.0.0.7 area 0

network 10.1.3.0 0.0.0.255 area 0

network 10.1.4.0 0.0.0.255 area 0

ip access-list stand 10 //标准的访问控制列表10

permit host 10.1.3.1 //放行源地址是10.1.3.1的所有流量

interface f0/1 //进入接口

ip access-group 10 in //将ACL10接口下调用在接口的入方向