en

conf t

hostname R3

int g0/0/0

no ip address

no shutdown

int g0/0/0.30

encapsulation dot1Q 30

ip address 200.1.1.62 255.255.255.192

exit

int g0/0/0.40

encapsulation dot1Q 40

ip address 200.1.1.94 255.255.255.224

exit

int s0/1/0

description Link to R2

ip address 10.1.1.10 255.255.255.252

no shutdown

int s0/1/1

description Link to R1

ip address 10.1.1.6 255.255.255.252

no shutdown

exit

ip dhcp pool VLAN30

network 200.1.1.0 255.255.255.192

default-router 200.1.1.62

dns-server 192.168.10.253

exit

ip dhcp pool VLAN40

network 200.1.1.64 255.255.255.224

default-router 200.1.1.94

dns-server 192.168.10.253

exit

ip dhcp excluded-address 200.1.1.1 200.1.1.5

ip dhcp excluded-address 200.1.1.65 200.1.1.70

router ospf 10

router-id 3.3.3.3

exit

interface g0/0/0.30

ip ospf 10 area 0

int g0/0/0.40

ip ospf 10 area 0

int s0/1/0

ip ospf 10 area 0

int s0/1/1

ip ospf 10 area 0

exit

router ospf 10

passive-interface g0/0/0

exit

enable secret c1sc0

line console 0

password c0ns0l3

exit

service password-encryption

ip domain-name cisco.com

crypto key generate rsa

1024

username sarah password p4ssw0rd

line vty 0 4

login local

transport input ssh

exit

end

copy run start