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## FULL CONFIGURATION SETUP

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R-1#show run

Current configuration : 1897 bytes

!

hostname R-1

!

interface Serial1/0

ip address 50.0.0.1 255.255.255.0

!

interface Serial1/1

ip address 60.0.0.1 255.255.255.0

!

interface FastEthernet2/0

ip address 40.0.0.1 255.255.255.0

!

router ospf 1

router-id 1.1.1.1

log-adjacency-changes

area 1 stub no-summary

network 40.0.0.0 0.0.0.255 area 1

network 50.0.0.0 0.0.0.255 area 0

```
network 60.0.0.0 0.0.0.255 area 0
```

```
!
```

```
end
```

```
R-1#
```

```
*****
```

```
R-2#show run
```

```
Current configuration : 2027 bytes
```

```
!
```

```
hostname R-2
```

```
!
```

```
interface Serial1/0
```

```
ip address 70.0.0.1 255.255.255.0
```

```
!
```

```
interface Serial1/1
```

```
ip address 50.0.0.2 255.255.255.0
```

```
!
```

```
router eigrp 10
```

```
redistribute ospf 1 metric 1500 0 255 1 1500
```

```
network 70.0.0.0
```

```
auto-summary
```

```
!
```

```
router ospf 1
router-id 2.2.2.2
log-adjacency-changes
redistribute eigrp 10 metric 100 metric-type 1 subnets
network 50.0.0.0 0.0.0.255 area 0
!
end
```

R-2#

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R-3#show run

Current configuration : 2040 bytes

```
!
hostname R-3
!
interface Serial1/0
ip address 80.0.0.2 255.255.255.0
!
interface Serial1/1
ip address 60.0.0.2 255.255.255.0
!
router ospf 1
router-id 3.3.3.3
log-adjacency-changes
```

```
redistribute eigrp 10 metric 100 metric-type 1 subnets
```

```
network 60.0.0.0 0.0.0.255 area 0
```

```
!
```

```
end
```

```
R-3#
```

```
*****
```

```
R-4#show run
```

```
Current configuration : 1660 bytes
```

```
!
```

```
hostname R-4
```

```
!
```

```
interface Serial1/0
```

```
ip address 70.0.0.2 255.255.255.0
```

```
!
```

```
interface FastEthernet2/0
```

```
ip address 200.1.1.1 255.255.255.0
```

```
!
```

```
router eigrp 10
```

```
network 70.0.0.0
```

```
network 200.1.1.0
```

```
auto-summary
```

```
!
```

end

R-4#

\*\*\*\*\*

R-5#show run

Current configuration : 1660 bytes

!

hostname R-5

!

interface Serial1/0

ip address 80.0.0.1 255.255.255.0

!

interface FastEthernet2/0

ip address 200.1.1.2 255.255.255.0

!

router eigrp 10

network 80.0.0.0

network 200.1.1.0

auto-summary

!

end

R-5#

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R-6#show run

Current configuration : 1349 bytes

!

hostname R-6

!

interface FastEthernet0/0.1

encapsulation dot1Q 1 native

ip address 10.0.0.1 255.255.255.0

!

interface FastEthernet0/0.2

encapsulation dot1Q 2

ip address 20.0.0.1 255.255.255.0

!

interface FastEthernet0/0.3

encapsulation dot1Q 3

ip address 30.0.0.1 255.255.255.0

!

interface FastEthernet1/0

ip address 40.0.0.2 255.255.255.0

!

router ospf 1

router-id 6.6.6.6

log-adjacency-changes

```
network 10.0.0.0 0.0.0.255 area 1
```

```
network 20.0.0.0 0.0.0.255 area 1
```

```
network 30.0.0.0 0.0.0.255 area 1
```

```
network 40.0.0.0 0.0.0.255 area 1
```

```
!
```

```
ip route 0.0.0.0 0.0.0.0 40.0.0.1
```

```
end
```

```
R-6#
```