

```
CORE_P>  
CORE_P>en  
CORE_P#  
CORE_P#  
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CORE_P#  
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```

```
CORE_P#  
CORE_P#  
CORE_P#ip v  
CORE_P#  
CORE_P#  
CORE_P#show ip v  
CORE_P#show ip vr  
CORE_P#show ip vrf bri  
CORE_P#
```

```
CORE_P#  
CORE_P#  
CORE_P#term len 0  
CORE_P#  
CORE_P#show run  
Building configuration...
```

```
Current configuration : 1869 bytes  
!  
version 15.4  
service timestamps debug datetime msec  
service timestamps log datetime msec  
no service password-encryption  
!  
hostname CORE_P  
!  
boot-start-marker  
boot-end-marker  
!  
aqm-register-fnf  
!  
!  
no aaa new-model  
clock timezone CST 8 0  
mmi polling-interval 60  
no mmi auto-configure  
no mmi pvc  
mmi snmp-timeout 180  
!  
!  
!  
!  
!  
!  
!  
!  
!  
no ip domain lookup  
ip cef  
no ipv6 traffic interface-statistics  
no ipv6 cef  
!  
multilink bundle-name authenticated  
!  
!  
!  
!  
!  
!  
!  
!  
redundancy  
!  
!
```

```

!
!
!
!
!
!
!
!
!
!
!
interface Ethernet0/0
  description TO PE
  ip address 10.0.0.4 255.255.255.0
  mpls ip
!
interface Ethernet0/1
  no ip address
  shutdown
!
interface Ethernet0/2
  description TO RR
  ip address 10.2.0.4 255.255.255.0
  mpls ip
!
interface Ethernet0/3
  no ip address
  shutdown
!
interface Ethernet1/0
  no ip address
  shutdown
!
interface Ethernet1/1
  description TO REMOTE PE
  ip address 10.1.0.4 255.255.255.0
  mpls ip
!
interface Ethernet1/2
  no ip address
  shutdown
!
interface Ethernet1/3
  no ip address
  shutdown
!
interface Serial2/0
  no ip address
  shutdown
  serial restart-delay 0
!
interface Serial2/1
  no ip address
  shutdown
  serial restart-delay 0
!
interface Serial2/2
  no ip address
  shutdown
  serial restart-delay 0
!
interface Serial2/3
  no ip address
  shutdown
  serial restart-delay 0
!
interface Serial3/0
  no ip address
  shutdown
  serial restart-delay 0
!

```

```

interface Serial3/1
  no ip address
  shutdown
  serial restart-delay 0
!
interface Serial3/2
  no ip address
  shutdown
  serial restart-delay 0
!
interface Serial3/3
  no ip address
  shutdown
  serial restart-delay 0
!
router ospf 1
!
router ospf 100
  network 10.0.0.0 0.255.255.255 area 0
!
ip forward-protocol nd
!
!
no ip http server
no ip http secure-server
!
!
!
control-plane
!
!
!
!
!
!
line con 0
  logging synchronous
line aux 0
line vty 0 4
  login
  transport input none
!
!
end

```

CORE_P#

CORE_P#show ip int brie

Interface	IP-Address	OK?	Method	Status	Protocol
Ethernet0/0	10.0.0.4	YES	NVRAM	up	up
Ethernet0/1	unassigned	YES	NVRAM	administratively down	down
Ethernet0/2	10.2.0.4	YES	NVRAM	up	up
Ethernet0/3	unassigned	YES	NVRAM	administratively down	down
Ethernet1/0	unassigned	YES	NVRAM	administratively down	down
Ethernet1/1	10.1.0.4	YES	NVRAM	up	up
Ethernet1/2	unassigned	YES	NVRAM	administratively down	down
Ethernet1/3	unassigned	YES	NVRAM	administratively down	down
Serial2/0	unassigned	YES	NVRAM	administratively down	down
Serial2/1	unassigned	YES	NVRAM	administratively down	down
Serial2/2	unassigned	YES	NVRAM	administratively down	down
Serial2/3	unassigned	YES	NVRAM	administratively down	down
Serial3/0	unassigned	YES	NVRAM	administratively down	down
Serial3/1	unassigned	YES	NVRAM	administratively down	down
Serial3/2	unassigned	YES	NVRAM	administratively down	down
Serial3/3	unassigned	YES	NVRAM	administratively down	down

CORE_P#

CORE_P#show ip route

Codes: L - local, C - connected, S - static, R - RIP, M - mobile, B - BGP
D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area
N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
E1 - OSPF external type 1, E2 - OSPF external type 2

i - IS-IS, su - IS-IS summary, L1 - IS-IS level-1, L2 - IS-IS level-2
ia - IS-IS inter area, * - candidate default, U - per-user static route
o - ODR, P - periodic downloaded static route, H - NHRP, l - LISP
a - application route
+ - replicated route, % - next hop override

Gateway of last resort is not set

```
3.0.0.0/32 is subnetted, 1 subnets
O    3.3.3.3 [110/11] via 10.0.0.3, 1d22h, Ethernet0/0
4.0.0.0/32 is subnetted, 1 subnets
O    4.4.4.4 [110/11] via 10.2.0.9, 1d22h, Ethernet0/2
5.0.0.0/32 is subnetted, 1 subnets
O    5.5.5.5 [110/11] via 10.1.0.5, 1d22h, Ethernet1/1
10.0.0.0/8 is variably subnetted, 6 subnets, 2 masks
C    10.0.0.0/24 is directly connected, Ethernet0/0
L    10.0.0.4/32 is directly connected, Ethernet0/0
C    10.1.0.0/24 is directly connected, Ethernet1/1
L    10.1.0.4/32 is directly connected, Ethernet1/1
C    10.2.0.0/24 is directly connected, Ethernet0/2
L    10.2.0.4/32 is directly connected, Ethernet0/2
```

CORE_P#

CORE_P#show run | s router

router ospf 1

router ospf 100

network 10.0.0.0 0.255.255.255 area 0

CORE_P#show ip eigrp topology

CORE_P#