

```
RR>  
RR>  
RR>en  
RR#  
RR#
```

```
RR#  
RR#  
*Oct 2 04:57:03.684: %AMDP2_FE-6-EXCESSCOLL: Ethernet0/2 TDR=0, TRC=0  
RR#
```



```
!  
!  
!  
!  
!  
!  
!  
!  
!  
!  
!  
!  
interface Loopback0  
  ip address 4.4.4.4 255.255.255.255  
!  
interface Ethernet0/0  
  no ip address  
  shutdown  
!  
interface Ethernet0/1  
  no ip address  
  shutdown  
!  
interface Ethernet0/2  
  description connected to CORE_P  
  ip address 10.2.0.9 255.255.255.0  
!  
interface Ethernet0/3  
  no ip address  
  shutdown  
!  
interface Ethernet1/0  
  no ip address  
  shutdown  
!  
interface Ethernet1/1  
  no ip address  
  shutdown  
!  
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 100
network 4.4.4.4 0.0.0.0 area 0
network 10.0.0.0 0.255.255.255 area 0
!
router bgp 3549
bgp router-id 4.4.4.4
bgp log-neighbor-changes
neighbor 3.3.3.3 remote-as 3549
neighbor 3.3.3.3 update-source Loopback0
neighbor 5.5.5.5 remote-as 3549
neighbor 5.5.5.5 update-source Loopback0
!
address-family ipv4
neighbor 3.3.3.3 activate
neighbor 3.3.3.3 send-community both
neighbor 3.3.3.3 route-reflector-client
neighbor 5.5.5.5 activate
neighbor 5.5.5.5 send-community both
neighbor 5.5.5.5 route-reflector-client
exit-address-family
!
address-family vpnv4
neighbor 3.3.3.3 activate
neighbor 3.3.3.3 send-community both
neighbor 3.3.3.3 route-reflector-client
neighbor 5.5.5.5 activate
neighbor 5.5.5.5 send-community both
neighbor 5.5.5.5 route-reflector-client
exit-address-family
!
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
```

```
RR#
RR#show ip int brie
```

Interface	IP-Address	OK?	Method	Status	Protocol
Ethernet0/0	unassigned	YES	NVRAM	administratively down	down
Ethernet0/1	unassigned	YES	NVRAM	administratively down	down
Ethernet0/2	10.2.0.9	YES	NVRAM	up	up
Ethernet0/3	unassigned	YES	NVRAM	administratively down	down
Ethernet1/0	unassigned	YES	NVRAM	administratively down	down
Ethernet1/1	unassigned	YES	NVRAM	administratively down	down
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
Loopback0	4.4.4.4	YES	NVRAM	up	up

RR#

RR#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 [110/21] via 10.2.0.4, 1d22h, Ethernet0/2
4.0.0.0/32 is subnetted, 1 subnets
C      4.4.4.4 is directly connected, Loopback0
5.0.0.0/32 is subnetted, 1 subnets
O      5.5.5.5 [110/21] via 10.2.0.4, 1d22h, Ethernet0/2
10.0.0.0/8 is variably subnetted, 4 subnets, 2 masks
O      10.0.0.0/24 [110/20] via 10.2.0.4, 1d22h, Ethernet0/2
O      10.1.0.0/24 [110/20] via 10.2.0.4, 1d22h, Ethernet0/2
C      10.2.0.0/24 is directly connected, Ethernet0/2
L      10.2.0.9/32 is directly connected, Ethernet0/2

```

RR#

RR#show ip eigrp topology

RR#