

R0

```
hostname R0
!
ip cef
!
no ip domain lookup
!
ipv6 unicast-routing
ipv6 cef
!
interface Loopback0
 ip address 10.10.0.0 255.255.255.255
 ipv6 address 2009:1000::/128
 ipv6 eigrp 100
!
interface FastEthernet0/0
 description connection to R1
 ip address 10.10.1.1 255.255.255.252
 ip ospf authentication message-digest
 ip ospf message-digest-key 1 md5 ipexpert
 duplex half
 ipv6 enable
 ipv6 eigrp 100
!
interface FastEthernet1/0
 description connection to R2
 ip address 10.10.2.1 255.255.255.252
 ip ospf authentication message-digest
 ip ospf message-digest-key 1 md5 ipexpert
 duplex half
 ipv6 enable
 ipv6 eigrp 100
!
interface FastEthernet2/0
 description connection to R3
 ip address 10.10.3.1 255.255.255.252
 ip ospf authentication message-digest
 ip ospf message-digest-key 1 md5 ipexpert
 duplex half
 ipv6 enable
 ipv6 eigrp 100
!
router ospf 100
 log-adjacency-changes
 area 0 authentication message-digest
 network 10.0.0.0 0.255.255.255 area 0
!
ipv6 router eigrp 100
 no shutdown
!
```