

Building configuration...

[OK]

R1#show run

Building configuration...

Current configuration : 5940 bytes

!

! Last configuration change at 12:33:36 UTC Mon Dec 21 2015

version 15.3

service timestamps debug datetime msec

service timestamps log datetime msec

no service password-encryption

!

hostname R1

!

boot-start-marker

boot-end-marker

!

!

!

no aaa new-model

!

ip cef

!

!

!

!

!

!

ip dhcp pool C\_10

network 10.1.10.0 255.255.255.0

dns-server 195.176.242.202 195.176.242.233

default-router 10.1.10.1

!

ip dhcp pool C\_20

network 10.1.20.0 255.255.255.0

dns-server 195.176.242.202 195.176.242.233

default-router 10.1.20.1

!

ip dhcp pool C\_30

network 10.1.30.0 255.255.255.0

dns-server 195.176.242.202 195.176.242.233

default-router 10.1.30.1

!

ip dhcp pool B\_10

network 10.2.10.0 255.255.255.0

dns-server 195.176.242.202 195.176.242.233

default-router 10.2.10.1

!

ip dhcp pool B\_20

network 10.2.20.0 255.255.255.0

dns-server 195.176.242.202 195.176.242.233

```
default-router 10.2.20.1
!
ip dhcp pool B_30
network 10.2.30.0 255.255.255.0
dns-server 195.176.242.202 195.176.242.233
default-router 10.2.30.1
!
ip dhcp pool S_10
network 10.3.10.0 255.255.255.0
dns-server 195.176.242.202 195.176.242.233
default-router 10.3.10.1
!
ip dhcp pool S_20
network 10.3.20.0 255.255.255.0
dns-server 195.176.242.202 195.176.242.233
default-router 10.3.20.1
!
ip dhcp pool S_30
network 10.3.30.0 255.255.255.0
dns-server 195.176.242.202 195.176.242.233
default-router 10.3.30.1
!
!
!
no ip domain lookup
ipv6 unicast-routing
ipv6 dhcp pool pool
dns-server 2001:620:100:1000::202
!
ipv6 cef
!
multilink bundle-name authenticated
!
!
!
license udi pid CISC01941/K9 sn FGL154627TB
license boot module c1900 technology-package datak9
!
!
!
redundancy
!
!
!
!
!
!
!
!
```

```
!  
interface Loopback0  
  ip address 10.1.0.1 255.255.255.252  
  ipv6 address 2001:620:3101:1001::1/64  
  ipv6 ospf 1 area 0  
!  
interface Embedded-Service-Engine0/0  
  no ip address  
  shutdown  
!  
interface GigabitEthernet0/0  
  ip address 10.1.40.1 255.255.255.252  
  ip nat inside  
  ip virtual-reassembly in  
  duplex auto  
  speed auto  
  ipv6 address FE80::1 link-local  
  ipv6 address 2001:620:3101:1040::1/64  
  ipv6 enable  
  ipv6 nd other-config-flag  
  ipv6 nd ra interval 10  
  ipv6 dhcp server pool  
  ipv6 ospf 1 area 0  
!  
interface GigabitEthernet0/1  
  ip address 10.1.40.5 255.255.255.252  
  ip nat inside  
  ip virtual-reassembly in  
  duplex auto  
  speed auto  
  ipv6 address FE80::1 link-local  
  ipv6 address 2001:620:3101:1041::1/64  
  ipv6 enable  
  ipv6 nd other-config-flag  
  ipv6 nd ra interval 10  
  ipv6 dhcp server pool  
  ipv6 ospf 1 area 0  
!  
interface FastEthernet0/0/0  
  ip address 195.176.242.1 255.255.255.240  
  ip nat outside  
  ip virtual-reassembly in  
  duplex auto  
  speed auto  
  ipv6 address 2001:620:100:1001::1/64  
!  
interface FastEthernet0/0/1  
  no ip address  
  shutdown  
  duplex auto  
  speed auto  
!  
interface Serial0/1/0  
  ip address 10.4.40.1 255.255.255.252
```

```
ip nat inside
ip virtual-reassembly in
ipv6 address FE80::1 link-local
ipv6 address 2001:620:3101:4041::1/64
ipv6 enable
ipv6 nd other-config-flag
ipv6 dhcp server pool
ipv6 ospf 1 area 0
clock rate 128000
!
interface Serial0/1/1
no ip address
shutdown
clock rate 2000000
!
router ospf 1
network 10.1.0.0 0.0.0.3 area 0
network 10.1.40.0 0.0.0.3 area 0
network 10.1.40.4 0.0.0.3 area 0
network 10.4.40.0 0.0.0.3 area 0
default-information originate
!
ip forward-protocol nd
!
no ip http server
no ip http secure-server
!
ip nat pool chur10 195.176.242.17 195.176.242.17 netmask
255.255.255.240
ip nat pool chur20 195.176.242.18 195.176.242.18 netmask
255.255.255.240
ip nat pool chur30 195.176.242.19 195.176.242.19 netmask
255.255.255.240
ip nat pool chur99 195.176.242.20 195.176.242.20 netmask
255.255.255.240
ip nat pool buchs10 195.176.242.21 195.176.242.21 netmask
255.255.255.240
ip nat pool buchs20 195.176.242.22 195.176.242.22 netmask
255.255.255.240
ip nat pool buchs30 195.176.242.23 195.176.242.23 netmask
255.255.255.240
ip nat pool buchs99 195.176.242.24 195.176.242.24 netmask
255.255.255.240
ip nat pool stgallen10 195.176.242.25 195.176.242.25 netmask
255.255.255.240
ip nat pool stgallen20 195.176.242.26 195.176.242.26 netmask
255.255.255.240
ip nat pool stgallen30 195.176.242.27 195.176.242.27 netmask
255.255.255.240
ip nat pool stgallen99 195.176.242.28 195.176.242.28 netmask
255.255.255.240
ip nat inside source list 101 pool chur10 overload
ip nat inside source list 102 pool chur20 overload
ip nat inside source list 103 pool chur30 overload
```

```

ip nat inside source list 104 pool chur99 overload
ip nat inside source list 105 pool buchs10 overload
ip nat inside source list 106 pool buchs20 overload
ip nat inside source list 107 pool buchs30 overload
ip nat inside source list 108 pool buchs99 overload
ip nat inside source list 109 pool stgallen10 overload
ip nat inside source list 110 pool stgallen20 overload
ip nat inside source list 111 pool stgallen30 overload
ip nat inside source list 112 pool stgallen99 overload
ip route 0.0.0.0 0.0.0.0 195.176.242.14
!
ipv6 route ::/0 FastEthernet0/0/0 2001:620:100:1001::FFFF
ipv6 router ospf 1
  default-information originate
!
!
!
access-list 101 permit ip 10.1.10.0 0.0.0.255 any
access-list 102 permit ip 10.1.20.0 0.0.0.255 any
access-list 103 permit ip 10.1.30.0 0.0.0.255 any
access-list 104 permit ip 10.1.99.0 0.0.0.255 any
access-list 105 permit ip 10.2.10.0 0.0.0.255 any
access-list 106 permit ip 10.2.20.0 0.0.0.255 any
access-list 107 permit ip 10.2.30.0 0.0.0.255 any
access-list 108 permit ip 10.2.99.0 0.0.0.255 any
access-list 109 permit ip 10.3.10.0 0.0.0.255 any
access-list 110 permit ip 10.3.20.0 0.0.0.255 any
access-list 111 permit ip 10.3.30.0 0.0.0.255 any
access-list 112 permit ip 10.3.99.0 0.0.0.255 any
!
control-plane
!
!
!
line con 0
line aux 0
line 2
  no activation-character
  no exec
  transport preferred none
  transport input all
  transport output lat pad telnet rlogin lapb-ta mop udptn v120 ssh
  stopbits 1
line vty 0 4
  login
  transport input all
!
scheduler allocate 20000 1000
!
end

```