

show running-config

Current configuration : 1537 bytes

```
version 12.2
service timestamps debug uptime
service timestamps log uptime
service password-encryption

hostname R3_R18

no logging buffered
no logging console
no logging monitor

username cisco privilege 15 password 7 104D000A0618
ip subnet-zero

fax interface-type fax-mail
mta receive maximum-recipients 0

interface Loopback0
ip address 10.5.18.254 255.255.255.0

interface FastEthernet0/0
ip address 55.0.0.1 255.255.255.0
duplex auto
speed auto

interface Serial0/0
no ip address
shutdown
no fair-queue
clockrate 2000000

interface Serial0/1
no ip address
shutdown
clockrate 2000000

interface FastEthernet1/0
ip address 100.1.5.1 255.255.255.252
duplex auto
speed auto

router ospf 1
log-adjacency-changes
passive-interface FastEthernet1/0
network 10.5.18.0 0.0.0.255 area 0
network 55.0.0.0 0.0.0.255 area 0

router bgp 5
no synchronization
bgp log-neighbor-changes
network 100.1.5.0 mask 255.255.255.252
neighbor 10.1.19.254 remote-as 1
neighbor 10.1.19.254 ebgp-multihop 2
neighbor 10.1.19.254 update-source Loopback0
neighbor 10.1.19.254 next-hop-self
neighbor 10.5.20.254 remote-as 5
neighbor 10.5.20.254 update-source Loopback0
neighbor 10.5.20.254 next-hop-self
no auto-summary

ip classless
ip route 10.1.19.254 255.255.255.255 FastEthernet1/0
ip http server
ip pim bidir-enable

call rsvp-sync

mgcp profile default

dial-peer cor custom

line con 0
```

```
login local
line aux 0
line vty 0 4
login local
line vty 5 15
login local
```

```
end
```

show ip route

Codes: C - connected, S - static, I - IGRP, 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, E - EGP
i - IS-IS, 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

Gateway of last resort is not set

10.0.0.0/24 is subnetted, 1 subnets
C 10.5.18.0 is directly connected, Loopback0

show ipv6 route

IPv6 Routing Table - 0 entries

Codes: C - Connected, L - Local, S - Static, R - RIP, B - BGP

I1 - ISIS L1, I2 - ISIS L2, IA - ISIS interarea

Timers: Uptime/Expires

show ip int brief

```
Interface IP-Address OK? Method Status Protocol
FastEthernet0/0 55.0.0.1 YES manual up down
Serial0/0 unassigned YES unset administratively down down
Serial0/1 unassigned YES unset administratively down down
FastEthernet1/0 100.1.5.1 YES manual up down
Loopback0 10.5.18.254 YES manual up up
```

show ipv6 int brief

```
FastEthernet0/0 [up/down]
unassigned
Serial0/0 [administratively down/down]
unassigned
Serial0/1 [administratively down/down]
unassigned
FastEthernet1/0 [up/down]
unassigned
Loopback0 [up/up]
unassigned
```

show cdp neighbors

Capability Codes: R - Router, T - Trans Bridge, B - Source Route Bridge
S - Switch, H - Host, I - IGMP, r - Repeater

Device ID Local Intrfce Holdtme Capability Platform Port ID

show ipv6 ospf 10

```
^  
% Invalid input detected at '^' marker.
```


show ipv6 ospf 10 neighbor

```
^  
% Invalid input detected at '^' marker.
```

show ip bgp summary

BGP router identifier 10.5.18.254, local AS number 5
BGP table version is 127, main routing table version 127

Neighbor	V	AS	MsgRcvd	MsgSent	TblVer	InQ	OutQ	Up/Down	State/PfxRcd
10.1.19.254	4	1	82	103	0	0	0	1w5d	Active
10.5.20.254	4	5	342	279	0	0	0	1w5d	Active

show access-lists

show version

```
Cisco Internetwork Operating System Software
IOS (tm) 3600 Software (C3620-J1S3-M), Version 12.2(8)T5, RELEASE SOFTWARE (fc1)
TAC Support: http://www.cisco.com/tac
Copyright (c) 1986-2002 by cisco Systems, Inc.
Compiled Thu 20-Jun-02 14:17 by ccai
Image text-base: 0x60008930, data-base: 0x616F8000

ROM: System Bootstrap, Version 11.1(20)AA2, EARLY DEPLOYMENT RELEASE SOFTWARE (fc1)

R3_R18 uptime is 2 weeks, 5 days, 11 hours, 36 minutes
System returned to ROM by reload
System image file is "flash:c3620-j1s3-mz.122-8.T5.bin"

cisco 3620 (R4700) processor (revision 0x81) with 59392K/6144K bytes of memory.
Processor board ID 28506413
R4700 CPU at 80Mhz, Implementation 33, Rev 1.0
Bridging software.
X.25 software, Version 3.0.0.
TN3270 Emulation software.
2 FastEthernet/IEEE 802.3 interface(s)
2 Serial(sync/async) network interface(s)
DRAM configuration is 32 bits wide with parity disabled.
29K bytes of non-volatile configuration memory.
32768K bytes of processor board System flash (Read/Write)

Configuration register is 0x2102
```