

## Assignment – 6

```
R1#show ip interface
FastEthernet0/0 is administratively down, line protocol is down
  Internet protocol processing disabled
FastEthernet1/0 is administratively down, line protocol is down
  Internet protocol processing disabled
FastEthernet1/1 is administratively down, line protocol is down
  Internet protocol processing disabled
FastEthernet2/0 is administratively down, line protocol is down
  Internet protocol processing disabled
FastEthernet2/1 is administratively down, line protocol is down
  Internet protocol processing disabled
Serial3/0 is administratively down, line protocol is down
  Internet protocol processing disabled
Serial3/1 is administratively down, line protocol is down
  Internet protocol processing disabled
Serial3/2 is administratively down, line protocol is down
  Internet protocol processing disabled
Serial3/3 is administratively down, line protocol is down
  Internet protocol processing disabled
```

```
!
R1#show run
Building configuration...

Current configuration : 1305 bytes
!
version 15.2
service timestamps debug datetime msec
service timestamps log datetime msec
!
hostname R1
!
boot-start-marker
boot-end-marker
!
!
!
no aaa new-model
no ip icmp rate-limit unreachable
ip cef
!
!
!
!
!
no ip domain lookup
```

```
R1#show running-config
Building configuration...

Current configuration : 1305 bytes
!
version 15.2
service timestamps debug datetime msec
service timestamps log datetime msec
!
hostname R1
!
boot-start-marker
boot-end-marker
!
!
!
no aaa new-model
no ip icmp rate-limit unreachable
ip cef
!
!
!
!
!
```

```
R1#show startup-config
Using 402 out of 522232 bytes!
!
service timestamps debug datetime msec
service timestamps log datetime msec
no service password-encryption
!
hostname R1
!
ip cef
no ip domain-lookup
no ip icmp rate-limit unreachable
ip tcp synwait 5
no cdp log mismatch duplex
!
line con 0
  exec-timeout 0 0
  logging synchronous
  privilege level 15
  no login
line aux 0
  exec-timeout 0 0
  logging synchronous
  privilege level 15
```

```

R1#show version
Cisco IOS Software, 7200 Software (C7200-ADVIPSERVICESK9-M), Version 15.2(4)S5, RELEASE SOFTWARE (fc1)
Technical Support: http://www.cisco.com/techsupport
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Compiled Thu 20-Feb-14 06:51 by prod_rel_team

ROM: ROMMON Emulation Microcode
BOOTLDR: 7200 Software (C7200-ADVIPSERVICESK9-M), Version 15.2(4)S5, RELEASE SOFTWARE (fc1)

R1 uptime is 18 minutes
System returned to ROM by unknown reload cause - suspect boot_data[BOOT_COUNT] 0x0, BOOT_COUNT 0, BOOTDATA 19
System image file is "tftp://255.255.255/unknown"
Last reload reason: Unknown reason

This product contains cryptographic features and is subject to United
States and local country laws governing import, export, transfer and
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third-party authority to import, export, distribute or use encryption.
Importers, exporters, distributors and users are responsible for

```

```

R1#show memory

          Head      Total(b)      Used(b)      Free(b)      Lowest(b)  Largest(b)

I/O memory

Address      Bytes      Prev      Next Ref      PrevF      NextF Alloc PC  what
0E000000 0000028320 00000000 0E006ED0 000 6549DDCC 0      61E27ABC (coalesced)
0E006ED0 0000000272 0E000000 0E007010 001 ----- ----- 62D50888 *Packet Data*
0E007010 0000000272 0E006ED0 0E007150 001 ----- ----- 62D50888 *Packet Data*
0E007150 0000000272 0E007010 0E007290 001 ----- ----- 62D50888 *Packet Data*
0E007290 0000000272 0E007150 0E0073D0 001 ----- ----- 62D50888 *Packet Data*
0E0073D0 0000000272 0E007290 0E007510 001 ----- ----- 62D50888 *Packet Data*
0E007510 0000000272 0E0073D0 0E007650 001 ----- ----- 62D50888 *Packet Data*
0E007650 0000000272 0E007510 0E007790 001 ----- ----- 62D50888 *Packet Data*
0E007790 0000000272 0E007650 0E0078D0 001 ----- ----- 62D50888 *Packet Data*

Transient memory

Address      Bytes      Prev      Next Ref      PrevF      NextF Alloc PC  what
7D000000 0000000304 00000000 7D000160 000 0      0      62043AAC (coalesced)
7D000160 0000005004 7D000000 7D00151C 001 ----- ----- 61E4CDC0 Watcher Info
7D00151C 0000005004 7D000160 7D0028D8 001 ----- ----- 61E4CDC0 Watcher Info
7D0028D8 0016766712 7D00151C 00000000 000 0      0      61FC25E4 (coalesced)

```

```
R1#show interfaces
FastEthernet0/0 is administratively down, line protocol is down
  Hardware is DEC21140, address is ca01.07ec.0000 (bia ca01.07ec.0000)
  MTU 1500 bytes, BW 100000 Kbit/sec, DLY 100 usec,
    reliability 255/255, txload 1/255, rxload 1/255
  Encapsulation ARPA, loopback not set
  Keepalive set (10 sec)
  Full-duplex, 100Mb/s, 100BaseTX/FX
  ARP type: ARPA, ARP Timeout 04:00:00
  Last input never, output 00:21:30, output hang never
  Last clearing of "show interface" counters never
  Input queue: 0/75/0/0 (size/max/drops/flushes); Total output drops: 0
  Queueing strategy: fifo
  Output queue: 0/40 (size/max)
  5 minute input rate 0 bits/sec, 0 packets/sec
  5 minute output rate 0 bits/sec, 0 packets/sec
    0 packets input, 0 bytes
      Received 0 broadcasts (0 IP multicasts)
      0 runs, 0 giants, 0 throttles
      0 input errors, 0 CRC, 0 frame, 0 overrun, 0 ignored
      0 watchdog
      0 input packets with dribble condition detected
    0 packets output, 0 bytes, 0 underruns
    0 output errors, 0 collisions, 0 interface resets
```

```
PC1> ip 10.128.20.1 255.255.0.0 10.128.20.254
Checking for duplicate address...
PC1 : 10.128.20.1 255.255.0.0 gateway 10.128.20.254
```

```
PC1> show ip
```

```
NAME       : PC1[1]
IP/MASK     : 10.128.20.1/16
GATEWAY     : 10.128.20.254
DNS         :
MAC         : 00:50:79:66:68:00
LPORT      : 10004
RHOST:PORT  : 127.0.0.1:10005
MTU         : 1500
```