

## 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://255.255.255.255/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
use. Delivery of Cisco cryptographic products does not imply
third-party authority to import, export, distribute or use encryption.
Importers, exporters, distributors and users are responsible for
the secure storage and handling of any cryptographic keys used.

```

```

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 runts, 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
```