

```
user@debian:~$ ping 192.168.1.1
```

```
PING 192.168.1.1 (192.168.1.1) 56(84) bytes of data.  
64 bytes from 192.168.1.1: icmp_req=1 ttl=64 time=2.85 ms  
64 bytes from 192.168.1.1: icmp_req=2 ttl=64 time=27.3 ms  
64 bytes from 192.168.1.1: icmp_req=3 ttl=64 time=0.924 ms  
^C
```

```
--- 192.168.1.1 ping statistics ---  
3 packets transmitted, 3 received, 0% packet loss, time 2007ms  
rtt min/avg/max/mdev = 0.924/10.368/27.332/12.021 ms
```

```
user@debian:~$ telnet 192.168.1.1
```

```
Trying 192.168.1.1...  
Connected to 192.168.1.1.  
Escape character is '^]'.  
BCM96338 ADSL Router  
(none) login: admin  
Password:
```

```
BusyBox v1.00 (2005.04.12-18:11+0000) Built-in shell (msh)  
Enter 'help' for a list of built-in commands.
```

```
# ls
```

```
bin      etc      linuxrc  proc     usr      webs  
dev      lib      mnt      sbin    var
```

```
# cat /proc/version
```

```
Linux version 2.6.8.1 (eugene@myatom) (gcc version 3.4.2) #1 Mon Dec 19 22:44:22  
MSK 2011
```

```
# cat /proc/cpuinfo
```

```
system type      : D-1P  
processor        : 0  
cpu model       : BCM6338 V1.0  
BogoMIPS        : 239.20  
wait instruction : no  
microsecond timers : yes  
tlb_entries     : 32  
extra interrupt vector : yes  
hardware watchpoint : no  
VCED exceptions : not available  
VCEI exceptions : not available
```

```
# cat /proc/cmdline
```

```
root=31:0 ro noinitrd
```

```
# cat /proc/filesystems
```

```
nodev rootfs  
nodev bdev  
nodev proc  
nodev sockfs  
nodev tmpfs  
nodev pipefs  
nodev squashfs  
nodev ramfs
```

```
# ps
```

```
PID  Uid      VmSize  Stat  Command
  1  admin    252     S     init
  2  admin           SW<   [ksoftirqd/0]
  3  admin           SW<   [events/0]
  4  admin           SW<   [khelper]
  5  admin           SW<   [kblockd/0]
  6  admin           SW     [pdflush]
  7  admin           SW     [pdflush]
  8  admin           SW     [kswapd0]
  9  admin           SW<   [aio/0]
 10  admin           SW     [mtdblockd]
 17  admin    300     S     -sh
 68  admin    156     S     pvc2684d
114  admin    232     S     igmp lo
126  admin    820     S     cfm
129  admin    252     S     dhcpcd
155  admin    948     S     cfm
156  admin    828     S     cfm
266  admin    304     S     -sh
282  admin    256     R     ps
```

```
# ls /dev
```

```
bcm          bcmvds10      mtdblock0     random         tty0
bcmaal20     brcmboard     null          si3215         tty1
bcmadsl0     console       port          slac           urandom
bcmatm0      initctl       ppp           tty            zero
bcmendpoint0 kmem          ptmx          tty0
bcmles0      log           ptyp0         tty1
bcmprof      mem           ptyp1         ttyS0
```

```
# ifconfig
```

```
br0          Link encap:Ethernet HWaddr 00:1B:11:E0:41:02
             inet addr:192.168.1.1 Bcast:192.168.1.255 Mask:255.255.255.0
             UP BROADCAST RUNNING ALLMULTI MULTICAST MTU:1500 Metric:1
             RX packets:744 errors:0 dropped:0 overruns:0 frame:0
             TX packets:190 errors:0 dropped:0 overruns:0 carrier:0
             collisions:0 txqueuelen:0
             RX bytes:57944 (56.5 KiB) TX bytes:15694 (15.3 KiB)

eth0         Link encap:Ethernet HWaddr 00:1B:11:E0:41:02
             UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
             RX packets:744 errors:0 dropped:0 overruns:0 frame:0
             TX packets:190 errors:0 dropped:0 overruns:0 carrier:0
             collisions:0 txqueuelen:1000
             RX bytes:71336 (69.6 KiB) TX bytes:16718 (16.3 KiB)
             Interrupt:23 Base address:0x2800

lo           Link encap:Local Loopback
             inet addr:127.0.0.1 Mask:255.0.0.0
             UP LOOPBACK RUNNING MTU:16436 Metric:1
             RX packets:0 errors:0 dropped:0 overruns:0 frame:0
             TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
             collisions:0 txqueuelen:0
             RX bytes:0 (0.0 B) TX bytes:0 (0.0 B)
```

```
# cat /etc/init.d/rcS
```

```
#! /bin/sh
```

```
PATH=/sbin:/bin
export PATH
```

```
mount -t proc proc /proc
/bin/mount -a
```

```
#!/sbin/inetd# cat /etc/inetd.conf
```

```
echo      stream  tcp      nowait  root    internal
echo      dgram   udp      wait    root    internal
discard  stream  tcp      nowait  root    internal
discard  dgram   udp      wait    root    internal
daytime  stream  tcp      nowait  root    internal
daytime  dgram   udp      wait    root    internal
chargen  stream  tcp      nowait  root    internal
chargen  dgram   udp      wait    root    internal
time     stream  tcp      nowait  root    internal
time     dgram   udp      wait    root    internal
ftp      stream  tcp      nowait  root    /bin/ftpd ftpd
telnet   stream  tcp      nowait  root    /bin/telnetd telnetd -L /bin/login
```

```
#
```