

**1.curl:**The curl command transfers data to or from a network server using one of the supported protocols(HTTP,HTTPS,FTP,FTPS)

```
piya@piya-VirtualBox: ~/Desktop/IT-18020
piya@piya-VirtualBox:~$ cd Desktop
piya@piya-VirtualBox:~/Desktop$ cd IT-18020
piya@piya-VirtualBox:~/Desktop/IT-18020$ curl -V
curl 7.68.0 (x86_64-pc-linux-gnu) libcurl/7.68.0 OpenSSL/1.1.1f zlib/1.2.11 bro
tli/1.0.7 libidn2/2.2.0 libpsl/0.21.0 (+libidn2/2.2.0) libssh/0.9.3/openssl/zli
b nghttp2/1.40.0 librtmp/2.3
Release-Date: 2020-01-08
Protocols: dict file ftp ftps gopher http https imap imaps ldap ldaps pop3 pop3
s rtmp rtsp scp sftp smb smbs smtp smtps telnet tftp
Features: AsynchDNS brotli GSS-API HTTP2 HTTPS-proxy IDN IPv6 Kerberos Largefil
e libz NTLM NTLM_WB PSL SPNEGO SSL TLS-SRP UnixSockets
piya@piya-VirtualBox:~/Desktop/IT-18020$
```

**2.ping:**The ping command resolves the domain name into an IP address and starts sending ICMP packages to the destination.

```
piya@piya-VirtualBox: ~/Desktop/IT-18020
piya@piya-VirtualBox:~$ cd Desktop
piya@piya-VirtualBox:~/Desktop$ cd IT-18020
piya@piya-VirtualBox:~/Desktop/IT-18020$ ping -c 1 linuxize.com
PING linuxize.com (172.67.74.167) 56(84) bytes of data.
64 bytes from 172.67.74.167 (172.67.74.167): icmp_seq=1 ttl=54 time=66.3 ms

--- linuxize.com ping statistics ---
1 packets transmitted, 1 received, 0% packet loss, time 0ms
rtt min/avg/max/mdev = 66.299/66.299/66.299/0.000 ms
```

**3.wget:**This command is used for downloading files from the web.

```
piya@piya-VirtualBox:~/Desktop/IT-18020$ wget https://cdn.kernel.org/pub/linux/
kernel/v4.x/linux-4.17.2.tar.xz
--2020-11-18 13:01:11-- https://cdn.kernel.org/pub/linux/kernel/v4.x/linux-4.1
7.2.tar.xz
Resolving cdn.kernel.org (cdn.kernel.org)... 151.101.1.176, 151.101.65.176, 151
.101.129.176, ...
Connecting to cdn.kernel.org (cdn.kernel.org)|151.101.1.176|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 102167060 (97M) [application/x-xz]
Saving to: 'linux-4.17.2.tar.xz.2'

linux-4.17.2.tar.xz 100%[=====>] 97.43M 715KB/s in 2m 21s

2020-11-18 13:03:33 (709 KB/s) - 'linux-4.17.2.tar.xz.2' saved [102167060/10216
7060]

piya@piya-VirtualBox:~/Desktop/IT-18020$
```

**4.tc:**The tc command is used to display or modify traffic control settings.

```

piya@piya-VirtualBox:~/Desktop/IT-18020$ tc
Usage:  tc [ OPTIONS ] OBJECT { COMMAND | help }
        tc [-force] -batch filename
where  OBJECT := { qdisc | class | filter | chain |
                  action | monitor | exec }
        OPTIONS := { -V[ersion] | -s[tatistics] | -d[etails] | -r[aw] |
                     -o[neline] | -j[son] | -p[retty] | -c[olor] |
                     -b[atch] [filename] | -n[etns] name | -N[umeric] |
                     -nm | -nam[es] | { -cf | -conf } path }
piya@piya-VirtualBox:~/Desktop/IT-18020$

```

**5.dig:**The dig command is used to gather DNS information

```

piya@piya-VirtualBox:~/Desktop/IT-18020$ dig

;; <<>> DiG 9.16.1-Ubuntu <<>>
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 10401
;; flags: qr rd ra; QUERY: 1, ANSWER: 13, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
;; EDNS: version: 0, flags::; udp: 65494
;; QUESTION SECTION:
;;
;; ANSWER SECTION:
.          70351    IN      NS      e.root-servers.net.
.          70351    IN      NS      b.root-servers.net.
.          70351    IN      NS      f.root-servers.net.
.          70351    IN      NS      i.root-servers.net.
.          70351    IN      NS      h.root-servers.net.
.          70351    IN      NS      l.root-servers.net.
.          70351    IN      NS      m.root-servers.net.
.          70351    IN      NS      a.root-servers.net.
.          70351    IN      NS      j.root-servers.net.
.          70351    IN      NS      c.root-servers.net.
.          70351    IN      NS      k.root-servers.net.
.          70351    IN      NS      d.root-servers.net.

;; Query time: 4 msec
;; SERVER: 127.0.0.53#53(127.0.0.53)
;; WHEN: বুধ নভেম্বর ১৮ ১৩:০৮:০৭ +০৬ ২০২০
;; MSG SIZE rcvd: 239

piya@piya-VirtualBox:~/Desktop/IT-18020$

```

**6.whois:**whois searches for an object in a WHOIS database

```

piya@piya-VirtualBox:~/Desktop/IT-18020$ whois
Usage: whois [OPTION]... OBJECT...

-h HOST, --host HOST      connect to server HOST
-p PORT, --port PORT      connect to PORT
-I                          query whois.iana.org and follow its referral
-H                          hide legal disclaimers
--verbose                  explain what is being done
--help                      display this help and exit
--version                  output version information and exit

These flags are supported by whois.ripe.net and some RIPE-like servers:
-l                          find the one level less specific match
-L                          find all levels less specific matches
-m                          find all one level more specific matches
-M                          find all levels of more specific matches
-c                          find the smallest match containing a mnt-irt attribute
-x                          exact match
-b                          return brief IP address ranges with abuse contact
-B                          turn off object filtering (show email addresses)
-G                          turn off grouping of associated objects
-d                          return DNS reverse delegation objects too
-i ATTR[,ATTR]...          do an inverse look-up for specified ATTRibutes
-T TYPE[,TYPE]...          only look for objects of TYPE
-K                          only primary keys are returned
-r                          turn off recursive look-ups for contact information

-R                          force to show local copy of the domain object even
                           if it contains referral
-a                          also search all the mirrored databases
-s SOURCE[,SOURCE]...      search the database mirrored from SOURCE
-g SOURCE:FIRST-LAST       find updates from SOURCE from serial FIRST to LAST
-t TYPE                     request template for object of TYPE
-v TYPE                     request verbose template for object
-q [version|sources|types] query specified server info

```

**7.ssh:**SSH stands for secure shell.It is used to surely connect to a remote system

```

piya@piya-VirtualBox:~/Desktop/IT-18020$ ssh
usage: ssh [-46AaCfGgKkMNnqsTtVvXxYy] [-B bind_interface]
          [-b bind_address] [-c cipher_spec] [-D [bind_address:]port]
          [-E log_file] [-e escape_char] [-F configfile] [-I pkcs11]
          [-i identity_file] [-J [user@]host[:port]] [-L address]
          [-l login_name] [-m mac_spec] [-O ctl_cmd] [-o option] [-p port]
          [-Q query_option] [-R address] [-S ctl_path] [-W host:port]
          [-w local_tun[:remote_tun]] destination [command]

```

**8.scp:**SCP stands for secure copy command.It is used to copy files/folders between servers in secure way.

```

piya@piya-VirtualBox:~/Desktop/IT-18020$ scp
usage: scp [-346BCpqRTv] [-c cipher] [-F ssh_config] [-i identity_file]
          [-J destination] [-l limit] [-o ssh_option] [-P port]
          [-S program] source ... target
piya@piya-VirtualBox:~/Desktop/IT-18020$

```

**9.rsync:**Rsync is a most commonly used command for copying and synchronizing files and directories.



```

piya@piya-VirtualBox: ~/Desktop/IT-18020$ rsync
rsync version 3.1.3 protocol version 31
Copyright (C) 1996-2018 by Andrew Tridgell, Wayne Davison, and others.
Web site: http://rsync.samba.org/
Capabilities:
    64-bit files, 64-bit inums, 64-bit timestamps, 64-bit long ints,
    socketpairs, hardlinks, symlinks, IPv6, batchfiles, inplace,
    append, ACLs, xattrs, iconv, symtimes, prealloc

rsync comes with ABSOLUTELY NO WARRANTY. This is free software, and you
are welcome to redistribute it under certain conditions. See the GNU
General Public Licence for details.

rsync is a file transfer program capable of efficient remote update
via a fast differencing algorithm.

Usage: rsync [OPTION]... SRC [SRC]... DEST
       or rsync [OPTION]... SRC [SRC]... [USER@]HOST:DEST
       or rsync [OPTION]... SRC [SRC]... [USER@]HOST::DEST
       or rsync [OPTION]... SRC [SRC]... rsync://[USER@]HOST[:PORT]/DEST
       or rsync [OPTION]... [USER@]HOST:SRC [DEST]
       or rsync [OPTION]... [USER@]HOST::SRC [DEST]
       or rsync [OPTION]... rsync://[USER@]HOST[:PORT]/SRC [DEST]
The ':' usages connect via remote shell, while '::' & 'rsync://' usages connect
to an rsync daemon, and require SRC or DEST to start with a module name.

```

```

Options
-v, --verbose                increase verbosity
--info=FLAGS                fine-grained informational verbosity
--debug=FLAGS               fine-grained debug verbosity
--msgs2stderr               special output handling for debugging
-q, --quiet                 suppress non-error messages
--no-motd                   suppress daemon-mode MOTD (see manpage caveat)
-c, --checksum              skip based on checksum, not mod-time & size
-a, --archive                archive mode; equals -rlptgoD (no -H,-A,-X)
--no-OPTION                 turn off an implied OPTION (e.g. --no-D)
-r, --recursive             recurse into directories
-R, --relative              use relative path names
--no-implied-dirs           don't send implied dirs with --relative
-b, --backup                make backups (see --suffix & --backup-dir)
--backup-dir=DIR            make backups into hierarchy based in DIR
--suffix=SUFFIX             set backup suffix (default ~ w/o --backup-dir)
-u, --update                skip files that are newer on the receiver
--inplace                   update destination files in-place (SEE MAN PAGE)
--append                    append data onto shorter files
--append-verify              like --append, but with old data in file checksum
-d, --dirs                  transfer directories without recursing
-l, --links                 copy symlinks as symlinks
-L, --copy-links             transform symlink into referent file/dir
--copy-unsafe-links          only "unsafe" symlinks are transformed
--safe-links                 ignore symlinks that point outside the source tree
--munge-links                munge symlinks to make them safer (but unusable)

```

-k, --copy-dirlinks	transform symlink to a dir into referent dir
-K, --keep-dirlinks	treat symlinked dir on receiver as dir
-H, --hard-links	preserve hard links
-p, --perms	preserve permissions
-E, --executability	preserve the file's executability
--chmod=CHMOD	affect file and/or directory permissions
-A, --acls	preserve ACLs (implies --perms)
-X, --xattrs	preserve extended attributes
-o, --owner	preserve owner (super-user only)
-g, --group	preserve group
--devices	preserve device files (super-user only)
--copy-devices	copy device contents as regular file
--specials	preserve special files
-D	same as --devices --specials
-t, --times	preserve modification times
-O, --omit-dir-times	omit directories from --times
-J, --omit-link-times	omit symlinks from --times
--super	receiver attempts super-user activities
--fake-super	store/recover privileged attrs using xattrs
-S, --sparse	turn sequences of nulls into sparse blocks
--preallocate	allocate dest files before writing them
-n, --dry-run	perform a trial run with no changes made
-W, --whole-file	copy files whole (without delta-xfer algorithm)
--checksum-choice=STR	choose the checksum algorithms
-x, --one-file-system	don't cross filesystem boundaries
-B, --block-size=SIZE	force a fixed checksum block-size

-e, --rsh=COMMAND	specify the remote shell to use
--rsync-path=PROGRAM	specify the rsync to run on the remote machine
--existing	skip creating new files on receiver
--ignore-existing	skip updating files that already exist on receiver
--remove-source-files	sender removes synchronized files (non-dirs)
--del	an alias for --delete-during
--delete	delete extraneous files from destination dirs
--delete-before	receiver deletes before transfer, not during
--delete-during	receiver deletes during the transfer
--delete-delay	find deletions during, delete after
--delete-after	receiver deletes after transfer, not during
--delete-excluded	also delete excluded files from destination dirs
--ignore-missing-args	ignore missing source args without error
--delete-missing-args	delete missing source args from destination
--ignore-errors	delete even if there are I/O errors
--force	force deletion of directories even if not empty
--max-delete=NUM	don't delete more than NUM files
--max-size=SIZE	don't transfer any file larger than SIZE
--min-size=SIZE	don't transfer any file smaller than SIZE
--partial	keep partially transferred files
--partial-dir=DIR	put a partially transferred file into DIR
--delay-updates	put all updated files into place at transfer's end
-m, --prune-empty-dirs	prune empty directory chains from the file-list
--numeric-ids	don't map uid/gid values by user/group name
--usermap=STRING	custom username mapping
--groupmap=STRING	custom groupname mapping



```

--chown=USER:GROUP      simple username/groupname mapping
--timeout=SECONDS       set I/O timeout in seconds
--contimeout=SECONDS    set daemon connection timeout in seconds
-I, --ignore-times      don't skip files that match in size and mod-time
-M, --remote-option=OPTION  send OPTION to the remote side only
   --size-only          skip files that match in size
-@, --modify-window=NUM  set the accuracy for mod-time comparisons
-T, --temp-dir=DIR       create temporary files in directory DIR
-y, --fuzzy             find similar file for basis if no dest file
   --compare-dest=DIR    also compare destination files relative to DIR
   --copy-dest=DIR       ... and include copies of unchanged files
   --link-dest=DIR       hardlink to files in DIR when unchanged
-z, --compress          compress file data during the transfer
   --compress-level=NUM  explicitly set compression level
   --skip-compress=LIST  skip compressing files with a suffix in LIST
-C, --cvs-exclude       auto-ignore files the same way CVS does
-f, --filter=RULE        add a file-filtering RULE
-F                       same as --filter='dir-merge /.rsync-filter'
                       repeated: --filter='- .rsync-filter'
   --exclude=PATTERN     exclude files matching PATTERN
   --exclude-from=FILE    read exclude patterns from FILE
   --include=PATTERN     don't exclude files matching PATTERN
   --include-from=FILE    read include patterns from FILE
   --files-from=FILE      read list of source-file names from FILE
-0, --from0             all *-from/filter files are delimited by 0s
-s, --protect-args      no space-splitting; only wildcard special-chars

```

```

-s, --protect-args      no space-splitting; only wildcard special-chars
--address=ADDRESS       bind address for outgoing socket to daemon
--port=PORT             specify double-colon alternate port number
--sockopts=OPTIONS      specify custom TCP options
--blocking-io           use blocking I/O for the remote shell
--stats                give some file-transfer stats
-8, --8-bit-output      leave high-bit chars unescaped in output
-h, --human-readable    output numbers in a human-readable format
   --progress           show progress during transfer
-P                     same as --partial --progress
-i, --itemize-changes   output a change-summary for all updates
   --out-format=FORMAT  output updates using the specified FORMAT
   --log-file=FILE      log what we're doing to the specified FILE
   --log-file-format=FMT log updates using the specified FMT
   --password-file=FILE read daemon-access password from FILE
   --list-only          list the files instead of copying them
   --bwlimit=RATE       limit socket I/O bandwidth
   --stop-at=y-m-dTh:m Stop rsync at year-month-dayThour:minute
   --time-limit=MINS    Stop rsync after MINS minutes have elapsed
   --outbuf=N|L|B       set output buffering to None, Line, or Block
   --write-batch=FILE   write a batched update to FILE
   --only-write-batch=FILE like --write-batch but w/o updating destination
   --read-batch=FILE    read a batched update from FILE
   --protocol=NUM       force an older protocol version to be used
   --iconv=CONVERT_SPEC request charset conversion of filenames
   --checksum-seed=NUM  set block/file checksum seed (advanced)

```

```

--checksum-seed=NUM    set block/file checksum seed (advanced)
--noatime              do not alter atime when opening source files
-4, --ipv4             prefer IPv4
-6, --ipv6             prefer IPv6
--version              print version number
(-h) --help            show this help (-h is --help only if used alone)

Use "rsync --daemon --help" to see the daemon-mode command-line options.
Please see the rsync(1) and rsyncd.conf(5) man pages for full documentation.
See http://rsync.samba.org/ for updates, bug reports, and a
rsync error: syntax or usage error (code 1) at main.c(1580) t=3.1.3]

```

**10.ngrep:** It can be used to analyze and search network packets for a given regex pattern or string.

```

piya@piya-VirtualBox:~/Desktop/IT-18020$ sudo ngrep port 80
[sudo] password for piya:
interface: enp0s3 (10.0.2.0/255.255.255.0)
filter: ( port 80 ) and ((ip || ip6) || (vlan && (ip || ip6)))
####
T 35.222.85.5:80 -> 10.0.2.15:54784 [AS] #4
..
##
T 10.0.2.15:54784 -> 35.222.85.5:80 [AP] #6
GET / HTTP/1.1..Host: connectivity-check.ubuntu.com..Accept: /*.*..Connecti
on: close....
#
T 35.222.85.5:80 -> 10.0.2.15:54784 [A] #7
.....
#
T 35.222.85.5:80 -> 10.0.2.15:54784 [AP] #8
HTTP/1.1 204 No Content..Date: Wed, 18 Nov 2020 07:36:37 GMT..Server: Apac
he/2.4.18 (Ubuntu)..X-NetworkManager-Status: online..Connection: close....
##
T 35.222.85.5:80 -> 10.0.2.15:54784 [AF] #10
.....
##
T 35.222.85.5:80 -> 10.0.2.15:54784 [A] #12
.....

```

**11.ifconfig:** This command is used to configure the kernel-resident networking interfaces

```

piya@piya-VirtualBox:~$ ifconfig
enp0s3: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.0.2.15 netmask 255.255.255.0 broadcast 10.0.2.255
    inet6 fe80::82ee:ba8c:3085:6617 prefixlen 64 scopeid 0x20<link>
    ether 08:00:27:29:d4:bb txqueuelen 1000 (Ethernet)
    RX packets 102146 bytes 113011754 (113.0 MB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 25536 bytes 1607427 (1.6 MB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
    inet 127.0.0.1 netmask 255.0.0.0
    inet6 ::1 prefixlen 128 scopeid 0x10<host>
    loop txqueuelen 1000 (Local Loopback)
    RX packets 1575 bytes 94464 (94.4 KB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 1575 bytes 94464 (94.4 KB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

piya@piya-VirtualBox:~$

```

**12.tcpdump:** It is used to capture and analyze network traffic going through our system.

**13.wireshark:**

```

piya@piya-VirtualBox:~$ tcpdump
tcpdump: enp0s3: You don't have permission to capture on that device
(socket: Operation not permitted)
piya@piya-VirtualBox:~$ wireshark
14:21:14.735      Warn Could not compile "of" in colorfilters file "/home/p
i
ya/.wireshark/colorfilters".
"of" is neither a field nor a protocol name.
14:21:14.735      Warn Could not compile "Checksum Errors" in colorfilters
file "/home/piya/.wireshark/colorfilters".
Neither "cdp.checksum_bad" nor "1" are field or protocol names.

```

**14.route:** Route command is used to show/manipulate the IP routing table.

```

piya@piya-VirtualBox:~$ route
Kernel IP routing table
Destination      Gateway          Genmask         Flags Metric Ref    Use Iface
default          _gateway        0.0.0.0         UG      100    0      0 enp0s3
10.0.2.0         0.0.0.0         255.255.255.0   U       100    0      0 enp0s3
link-local       0.0.0.0         255.255.0.0     U       1000   0      0 enp0s3
piya@piya-VirtualBox:~$ █

```

**15.ip:** ip command is used to assign an address to a network interface.

```

piya@piya-VirtualBox:~$ ip
Usage: ip [ OPTIONS ] OBJECT { COMMAND | help }
       ip [ -force ] -batch filename
where  OBJECT := { link | address | addrlabel | route | rule | neigh | ntable |
                  tunnel | tuntap | maddress | mroute | mrule | monitor | xfrm
                  |
                  netns | l2tp | fou | macsec | tcp_metrics | token | netconf
| ila |
                  vrf | sr | nexthop }
       OPTIONS := { -V[ersion] | -s[tatistics] | -d[etails] | -r[esolve] |
                   -h[uman-readable] | -iec | -j[son] | -p[retty] |
                   -f[amily] { inet | inet6 | mpls | bridge | link } |
                   -4 | -6 | -I | -D | -M | -B | -O |
                   -l[oops] { maximum-addr-flush-attempts } | -br[ief] |
                   -o[neline] | -t[imestamp] | -ts[hort] | -b[atch] [filename]
                  |
                   -rc[vbuf] [size] | -n[etns] name | -N[umeric] | -a[ll] |
                   -c[olor]}
piya@piya-VirtualBox:~$ █

```

**16.sysctl:** sysctl command reads the information from the /proc/sys directory.



```

piya@piya-VirtualBox:~$ sysctl
Usage:
  sysctl [options] [variable[=value] ...]

Options:
  -a, --all                display all variables
  -A                        alias of -a
  -X                        alias of -a
      --deprecated         include deprecated parameters to listing
  -b, --binary             print value without new line
  -e, --ignore             ignore unknown variables errors
  -N, --names              print variable names without values
  -n, --values             print only values of the given variable(s)
  -p, --load[=<file>]     read values from file
  -f                        alias of -p
      --system             read values from all system directories
  -r, --pattern <expression>
                          select setting that match expression
  -q, --quiet              do not echo variable set
  -w, --write              enable writing a value to variable
  -o                        does nothing
  -x                        does nothing
  -d                        alias of -h

  -h, --help              display this help and exit
  -V, --version            output version information and exit

For more details see sysctl(8).

```

**17.nc:** It is used for reading, writing, redirecting data across a network.

```

piya@piya-VirtualBox:~$ nc
usage: nc [-46CDdFhklNnrStUuvZz] [-I length] [-i interval] [-M ttl]
          [-m minttl] [-O length] [-P proxy_username] [-p source_port]
          [-q seconds] [-s source] [-T keyword] [-V rtable] [-W recvlimit] [-w
timeout]
          [-X proxy_protocol] [-x proxy_address[:port]]           [destination]
          [port]
piya@piya-VirtualBox:~$ █

```

**18.socat:** The socat command shuffles data between two locations.

```

piya@piya-VirtualBox:~$ socat
2020/11/18 14:37:16 socat[6531] E exactly 2 addresses required (there are 0); u
se option "-h" for help
piya@piya-VirtualBox:~$ socat - TCP4:www.example.com:80
piya@piya-VirtualBox:~$ █

```

**19.telnet:** This command used to create a remote connection with a system over a TCP/IP network.

```

piya@piya-VirtualBox:~/Desktop/IT-18020$ telnet
telnet> h
Commands may be abbreviated.  Commands are:

close          close current connection
logout         forcibly logout remote user and close the connection
display        display operating parameters
mode           try to enter line or character mode ('mode ?' for more)
open           connect to a site
quit           exit telnet
send           transmit special characters ('send ?' for more)
set            set operating parameters ('set ?' for more)
unset          unset operating parameters ('unset ?' for more)
status         print status information
toggle         toggle operating parameters ('toggle ?' for more)
slc            set treatment of special characters

z              suspend telnet
environ        change environment variables ('environ ?' for more)
telnet> █

```

**20.netstat:**It is used to connect to list out all the network connections on a system.

```

piya@piya-VirtualBox:~/Desktop/IT-18020$ netstat -a | more
Active Internet connections (servers and established)

```

Proto	Recv-Q	Send-Q	Local Address	Foreign Address	State
tcp	0	0	localhost:domain	0.0.0.0:*	LISTEN
tcp	0	0	0.0.0.0:ssh	0.0.0.0:*	LISTEN
tcp	0	0	localhost:ipp	0.0.0.0:*	LISTEN
tcp	0	0	0.0.0.0:6654	0.0.0.0:*	LISTEN
tcp6	0	0	:::ssh	:::*	LISTEN
tcp6	0	0	ip6-localhost:ipp	:::*	LISTEN
udp	0	0	0.0.0.0:631	0.0.0.0:*	
udp	0	0	0.0.0.0:mdns	0.0.0.0:*	
udp	0	0	0.0.0.0:52750	0.0.0.0:*	
udp	0	0	localhost:domain	0.0.0.0:*	
udp	0	0	piya-VirtualBox:bootpc	_gateway:bootps	ESTABLISHED
udp6	0	0	:::47327	:::*	
udp6	0	0	:::mdns	:::*	
raw6	0	0	:::ipv6-icmp	:::*	7

```

Active UNIX domain sockets (servers and established)

```