

Setting up my VPS Environment (DigitalOcean)

```
root@cokezero:~# apt update; apt upgrade; reboot;
```

```
root@cokezero:~# script session.txt
```

```
Script started on 2025-08-05 13:17:43+00:00 [TERM="xterm-ghostty"  
TTY="/dev/pts/0" COLUMNS="78" LINES="29"]
```

```
root@cokezero:~# adduser jaiyen
```

```
info: Adding user `jaiyen' ...
```

```
info: Selecting UID/GID from range 1000 to 59999 ...
```

```
info: Adding new group `jaiyen' (1000) ...
```

```
info: Adding new user `jaiyen' (1000) with group `jaiyen (1000)' ...
```

```
info: Creating home directory `/home/jaiyen' ...
```

```
info: Copying files from `/etc/skel' ...
```

```
New password:
```

```
Retype new password:
```

```
passwd: password updated successfully
```

```
Changing the user information for jaiyen
```

```
Enter the new value, or press ENTER for the default
```

```
Full Name []: Saichon Jaiyen
```

```
Room Number []: 123
```

```
Work Phone []: 0900000000
```

```
Home Phone []: 0900000000
```

```
Other []:
```

```
Is the information correct? [Y/n]
```

```
info: Adding new user `jaiyen' to supplemental / extra groups  
`users' ...
```

```
info: Adding user `jaiyen' to group `users' ...
```

```
root@cokezero:~# usermod -aG sudo jaiyen
```

```
root@cokezero:~# su jaiyen
```

```
To run a command as administrator (user "root"), use "sudo  
<command>".
```

```
See "man sudo_root" for details.
```

```
jaiyen@cokezero:/root$ cd ~
```

```
jaiyen@cokezero:~$ ls -lhA
```

```
total 12K
```

```
-rw-r--r-- 1 jaiyen jaiyen 220 Aug  5 13:18 .bash_logout
```

```
-rw-r--r-- 1 jaiyen jaiyen 3.7K Aug  5 13:18 .bashrc
```

```
-rw-r--r-- 1 jaiyen jaiyen  0 Aug  5 13:18 .cloud-locale-test.skip
```

```
-rw-r--r-- 1 jaiyen jaiyen 807 Aug  5 13:18 .profile
```

```
jaiyen@cokezero:~$ echo "1 Process Management"
```

```
1 Process Management
```

```
jaiyen@cokezero:~$ lsb_release -a
```

No LSB modules are available.

Distributor ID: Ubuntu

Description: Ubuntu 24.04.1 LTS

Release: 24.04

Codename: noble

```
jaiyen@cokezero:~$ uname -r
```

6.8.0-71-generic

```
jaiyen@cokezero:~$ ls /boot
```

System.map-6.8.0-51-generic initrd.img-6.8.0-71-generic

System.map-6.8.0-71-generic initrd.img.old

config-6.8.0-51-generic lost+found

config-6.8.0-71-generic vmlinuz

efi vmlinuz-6.8.0-51-generic

grub vmlinuz-6.8.0-71-generic

initrd.img vmlinuz.old

initrd.img-6.8.0-51-generic

```
jaiyen@cokezero:~$ ls -lh /boot/vmlinuz-$(uname -r)
```

-rw----- 1 root root 15M Jul 22 15:23

/boot/vmlinuz-6.8.0-71-generic

```
jaiyen@cokezero:~$ cat /proc/cpuinfo
```

processor : 0

vendor_id : GenuineIntel

cpu family : 6

model : 79

model name : D0-Regular

stepping : 1

microcode : 0x1

cpu MHz : 2294.608

cache size : 4096 KB

physical id : 0

siblings : 1

core id : 0

cpu cores : 1

apicid : 0

initial apicid : 0

fpu : yes

fpu_exception : yes

cpuid level : 13

wp : yes

flags : fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge
mca cmov pat pse36 clflush mmx fxsr sse sse2 ss syscall nx rdtscp lm
constant_tsc rep_good nopl xtopology cpuid tsc_known_freq pni
pclmulqdq vmx ssse3 fma cx16 pcid sse4_1 sse4_2 x2apic movbe popcnt
tsc_deadline_timer aes xsave avx f16c rdrand hypervisor lahf_lm abm
3dnowprefetch cpuid_fault pti ssbd ibrs ibpb tpr_shadow flexpriority
ept vpid ept_ad fsgsbase tsc_adjust bmi1 avx2 smep bmi2 erms invpcid
rdseed adx smap xsaveopt arat vnmi md_clear
vmx flags : vnmi preemption_timer invvpid ept_x_only ept_ad ept_1gb
flexpriority tsc_offset vtptr mtf vpic ept vpid unrestricted_guest
vpic_reg vid shadow_vmcs pml
bugs : cpu_meltdown spectre_v1 spectre_v2 spec_store_bypass
l1tf mds swaps itlb_multihit mmio_stale_data bhi
bogomips : 4589.21
clflush size : 64
cache_alignment : 64
address sizes : 40 bits physical, 48 bits virtual
power management:

```
jaiyen@cokezero:~$ nice -n 19 sleep 10
jaiyen@cokezero:~$ sleep 70
^Z
[1]+  Stopped                  sleep 70
jaiyen@cokezero:~$ fg
sleep 70
jaiyen@cokezero:~$ sleep 70 &
[1] 1266
jaiyen@cokezero:~$ jobs
[1]+  Running                  sleep 70 &
jaiyen@cokezero:~$ kill %1
jaiyen@cokezero:~$ jobs
[1]+  Terminated              sleep 70
jaiyen@cokezero:~$ sleep 70 &
[1] 1268
jaiyen@cokezero:~$ sleep 70 &
[2] 1269
jaiyen@cokezero:~$ sleep 70 &
[3] 1270
jaiyen@cokezero:~$ jobs
[1]   Running                  sleep 70 &
[2]-  Running                  sleep 70 &
```

```

[3]+  Running                  sleep 70 &
jaiyen@cokezero:~$ fg %2
sleep 70
[1]-  Done                     sleep 70
[3]   Done                     sleep 70
jaiyen@cokezero:~$ sleep 70 &
[4] 1274
jaiyen@cokezero:~$ sleep 70 &
[5] 1275
jaiyen@cokezero:~$ sleep 70 &
[6] 1276
jaiyen@cokezero:~$ jobs
[4]   Running                  sleep 70 &
[5]-  Running                  sleep 70 &
[6]+  Running                  sleep 70 &
jaiyen@cokezero:~$ kill %4
jaiyen@cokezero:~$ echo "slot 4 is the first this time"
slot 4 is the first this time
[4]   Terminated             sleep 70
jaiyen@cokezero:~$ kill %5
bash: kill: (1275) - No such process
[5]-  Done                     sleep 70
[6]+  Done                     sleep 70
jaiyen@cokezero:~$ kill %6
bash: kill: %6: no such job
jaiyen@cokezero:~$ echo "already done"
already done
jaiyen@cokezero:~$ jobs
jaiyen@cokezero:~$ cat /etc/passwd
root:x:0:0:root:/root:/bin/bash
daemon:x:1:1:daemon:/usr/sbin:/usr/sbin/nologin
bin:x:2:2:bin:/bin:/usr/sbin/nologin
sys:x:3:3:sys:/dev:/usr/sbin/nologin
sync:x:4:65534:sync:/bin:/bin/sync
games:x:5:60:games:/usr/games:/usr/sbin/nologin
man:x:6:12:man:/var/cache/man:/usr/sbin/nologin
lp:x:7:7:lp:/var/spool/lpd:/usr/sbin/nologin
mail:x:8:8:mail:/var/mail:/usr/sbin/nologin
news:x:9:9:news:/var/spool/news:/usr/sbin/nologin
uucp:x:10:10:uucp:/var/spool/uucp:/usr/sbin/nologin
proxy:x:13:13:proxy:/bin:/usr/sbin/nologin

```

```

www-data:x:33:33:www-data:/var/www:/usr/sbin/nologin
backup:x:34:34:backup:/var/backups:/usr/sbin/nologin
list:x:38:38:Mailing List Manager:/var/list:/usr/sbin/nologin
irc:x:39:39:ircd:/run/ircd:/usr/sbin/nologin
_apt:x:42:65534::/nonexistent:/usr/sbin/nologin
nobody:x:65534:65534:nobody:/nonexistent:/usr/sbin/nologin
systemd-network:x:998:998:systemd Network
Management:/:/usr/sbin/nologin
systemd-timesync:x:996:996:systemd Time
Synchronization:/:/usr/sbin/nologin
dhcpcd:x:100:65534:DHCP Client Daemon,,,:/usr/lib/dhcpcd:/bin/false
messagebus:x:101:101::/nonexistent:/usr/sbin/nologin
syslog:x:102:102::/nonexistent:/usr/sbin/nologin
systemd-resolve:x:991:991:systemd Resolver:/:/usr/sbin/nologin
uidd:x:103:103::/run/uidd:/usr/sbin/nologin
tss:x:104:104:TPM software stack,,,:/var/lib/tpm:/bin/false
sshd:x:105:65534::/run/sshd:/usr/sbin/nologin
pollinate:x:106:1::/var/cache/pollinate:/bin/false
tcpdump:x:107:108::/nonexistent:/usr/sbin/nologin
landscape:x:108:109::/var/lib/landscape:/usr/sbin/nologin
fwupd-refresh:x:990:990:Firmware update
daemon:/var/lib/fwupd:/usr/sbin/nologin
polkitd:x:989:989:User for polkitd:/:/usr/sbin/nologin
jaiyen:x:1000:1000:Saichon
Jaiyen,123,0900000000,0900000000:/home/jaiyen:/bin/bash
jaiyen@cokezero:~$ cat /etc/passwd | grep home
jaiyen:x:1000:1000:Saichon
Jaiyen,123,0900000000,0900000000:/home/jaiyen:/bin/bash
jaiyen@cokezero:~$ uptime -p
up 1 hour, 1 minute
jaiyen@cokezero:~$ echo "2 Memory Management"
2 Memory Management
jaiyen@cokezero:~$ cat /proc/meminfo
MemTotal:          469352 kB
MemFree:            94372 kB
MemAvailable:      312148 kB
Buffers:            13840 kB
Cached:             209588 kB
SwapCached:         0 kB
Active:             122608 kB
Inactive:           134028 kB

```

Active(anon):	45080 kB
Inactive(anon):	980 kB
Active(file):	77528 kB
Inactive(file):	133048 kB
Unevictable:	30356 kB
Mlocked:	27284 kB
SwapTotal:	0 kB
SwapFree:	0 kB
Zswap:	0 kB
Zswapped:	0 kB
Dirty:	16 kB
Writeback:	0 kB
AnonPages:	63600 kB
Mapped:	64984 kB
Shmem:	4092 kB
KReclaimable:	19564 kB
Slab:	59788 kB
SReclaimable:	19564 kB
SUnreclaim:	40224 kB
KernelStack:	2096 kB
PageTables:	2636 kB
SecPageTables:	0 kB
NFS_Unstable:	0 kB
Bounce:	0 kB
WritebackTmp:	0 kB
CommitLimit:	234676 kB
Committed_AS:	314928 kB
VmallocTotal:	34359738367 kB
VmallocUsed:	18436 kB
VmallocChunk:	0 kB
Percpu:	512 kB
HardwareCorrupted:	0 kB
AnonHugePages:	0 kB
ShmemHugePages:	0 kB
ShmemPmdMapped:	0 kB
FileHugePages:	0 kB
FilePmdMapped:	0 kB
Unaccepted:	0 kB
HugePages_Total:	0
HugePages_Free:	0
HugePages_Rsvd:	0

```
HugePages_Surp:      0
Hugepagesize:       2048 kB
Hugetlb:            0 kB
DirectMap4k:       85868 kB
DirectMap2M:      438272 kB
```

```
jaiyen@cokezero:~$ free -h
```

	total	used	free	shared	buff/cache
available					
Mem:	458Mi	153Mi	92Mi	4.0Mi	237Mi
304Mi					
Swap:	0B	0B	0B		

```
jaiyen@cokezero:~$ echo "3 Storage Management"
```

3 Storage Management

```
jaiyen@cokezero:~$ touch myfile.txt
```

```
jaiyen@cokezero:~$ ls
```

```
myfile.txt
```

```
jaiyen@cokezero:~$ mv myfile.txt samefile.txt
```

```
jaiyen@cokezero:~$ ls
```

```
samefile.txt
```

```
jaiyen@cokezero:~$ rm samefile.txt
```

```
jaiyen@cokezero:~$ ls
```

```
jaiyen@cokezero:~$ mkdir myfolder
```

```
jaiyen@cokezero:~$ mv myfolder samefolder
```

```
jaiyen@cokezero:~$ rm -r samefolder
```

```
jaiyen@cokezero:~$ ls
```

```
jaiyen@cokezero:~$ touch secrets.txt
```

```
jaiyen@cokezero:~$ ls -l secrets.txt
```

```
-rw-rw-r-- 1 jaiyen jaiyen 0 Aug  5 13:35 secrets.txt
```

```
jaiyen@cokezero:~$ chmod 400 secrets.txt
```

```
jaiyen@cokezero:~$ ls -l secrets.txt
```

```
-r----- 1 jaiyen jaiyen 0 Aug  5 13:35 secrets.txt
```

```
jaiyen@cokezero:~$ touch myfile.txt
```

```
jaiyen@cokezero:~$ ls -l myfile.txt
```

```
-rw-rw-r-- 1 jaiyen jaiyen 0 Aug  5 13:36 myfile.txt
```

```
jaiyen@cokezero:~$ sudo chown root:root myfile.txt
```

```
[sudo] password for jaiyen:
```

```
jaiyen@cokezero:~$ ls -l myfile.txt
```

```
-rw-rw-r-- 1 root root 0 Aug  5 13:36 myfile.txt
```

```
jaiyen@cokezero:~$ mkdir myfolder
```

```
jaiyen@cokezero:~$ ln -s myfolder mysymlink
```

```
jaiyen@cokezero:~$ ls -l
total 4
-rw-rw-r-- 1 root    root      0 Aug  5 13:36 myfile.txt
drwxrwxr-x 2 jaiyen jaiyen 4096 Aug  5 13:37 myfolder
lrwxrwxrwx 1 jaiyen jaiyen   8 Aug  5 13:37 mysymlink -> myfolder
-r----- 1 jaiyen jaiyen   0 Aug  5 13:35 secrets.txt
jaiyen@cokezero:~$ df -h
Filesystem      Size  Used Avail Use% Mounted on
tmpfs           46M   1008K   45M   3% /run
/dev/vda1       8.7G   2.1G   6.6G  24% /
tmpfs           230M     0   230M   0% /dev/shm
tmpfs           5.0M     0   5.0M   0% /run/lock
/dev/vda16      881M   112M   707M  14% /boot
/dev/vda15      105M    6.2M    99M   6% /boot/efi
tmpfs           46M    12K    46M   1% /run/user/0
jaiyen@cokezero:~$ du -h /usr/share/dict/american-english
du: cannot access '/usr/share/dict/american-english': No such file
or directory
jaiyen@cokezero:~$ sudo apt install wamerican
```

The following NEW packages will be installed:

wamerican

0 upgraded, 1 newly installed, 0 to remove and 3 not upgraded.

```
jaiyen@cokezero:~$ du -h /usr/share/dict/american-english
964K /usr/share/dict/american-english
jaiyen@cokezero:~$ lsblk -f
NAME FSTYPE FSVER LABEL                UUID
FSAVAIL FSUSE% MOUNTPOINTS
vda
└─vda1
|   ext4   1.0   cloudimg-rootfs
ef43644d-1314-401f-a83c-5323ff539f61   6.6G   24% /
└─vda14
|
└─vda15
|   vfat   FAT32  UEFI                5FF1-2838
98.2M   6% /boot/efi
└─vda16
    ext4   1.0   BOOT
4e31b68c-9b6b-42a3-87d3-351edda72121  706.8M  13% /boot
```


vdb iso966 config-2 2025-08-05-12-21-42-00

```
jaiyen@cokezero:~$ sudo fsck -N /vda/vda1
```

fsck from util-linux 2.39.3

```
[/usr/sbin/fsck.ext2 (1) -- /vda/vda1] fsck.ext2 /vda/vda1
```

```
jaiyen@cokezero:~$ sudo find / -name "myfile.txt"
```

/home/jaiyen/myfile.txt

```
jaiyen@cokezero:~$ find . -name "myfile.txt"
```

./myfile.txt

```
jaiyen@cokezero:~$ echo "4 User Management"
```

4 User Management

```
jaiyen@cokezero:~$ passwd
```

Changing password for jaiyen.

Current password:

New password:

Retype new password:

passwd: password updated successfully

```
jaiyen@cokezero:~$ who
```

root pts/0 2025-08-05 13:17 (49.229.187.161)

```
jaiyen@cokezero:~$ w
```

13:44:14 up 1:12, 1 user, load average: 0.01, 0.03, 0.00

USER	TTY	FROM	LOGIN@	IDLE	JCPU	PCPU	WHAT
root		49.229.187.161	13:17	5:45	0.00s	3.42s	

sshd: root@pt

```
jaiyen@cokezero:~$ sudo passwd root
```

New password:

Retype new password:

passwd: password updated successfully

```
jaiyen@cokezero:~$ sudo adduser newuser
```

info: Adding user `newuser' ...

info: Selecting UID/GID from range 1000 to 59999 ...

info: Adding new group `newuser' (1001) ...

info: Adding new user `newuser' (1001) with group `newuser (1001)'

...

info: Creating home directory `/home/newuser' ...

info: Copying files from `/etc/skel' ...

New password:

Retype new password:

passwd: password updated successfully

Changing the user information for newuser

Enter the new value, or press ENTER for the default

Full Name []: Newton Userman

Room Number []:

Work Phone []:

Home Phone []:

Other []:

Is the information correct? [Y/n]

info: Adding new user `newuser' to supplemental / extra groups
`users' ...

info: Adding user `newuser' to group `users' ...

jaiyen@cokezero:~\$ sudo usermod -aG sudo newuser

jaiyen@cokezero:~\$ sudo deluser newuser

info: Removing crontab ...

info: Removing user `newuser' ...

jaiyen@cokezero:~\$ echo "5 Network Management"

5 Network Management

jaiyen@cokezero:~\$ ftp -p ftp.broadinstitute.org

Connected to ftp02.broadinstitute.org.

220 FTP Server ready.

Name (ftp.broadinstitute.org:root): gsapubftp-anonymous

331 Anonymous login ok, send your complete email address as your
password

Password:

230 Anonymous access granted, restrictions apply

Remote system type is UNIX.

Using binary mode to transfer files.

No entry for terminal type "xterm-ghostty";

using dumb terminal settings.

ftp> cd bundle

250 CWD command successful

ftp> cd hg38

250 CWD command successful

ftp> bi

200 Type set to I

ftp> prompt

Interactive mode off.

ftp> get Homo_sapiens_assembly38.dict

local: Homo_sapiens_assembly38.dict remote:

Homo_sapiens_assembly38.dict

229 Entering Extended Passive Mode (|||63534|)

150 Opening BINARY mode data connection for

Homo_sapiens_assembly38.dict (581712 bytes)

```

0% |           | 0 0.00 KiB/s
--:-- ETA
66% |*****| 378 KiB 378.92 KiB/s
00:00 ETA
100% |*****| 568 KiB 406.45 KiB/s
00:00 ETA
226 Transfer complete
581712 bytes received in 00:01 (351.29 KiB/s)
ftp> bye
221 Goodbye.
jaiyen@cokezero:~$ ls -l
total 576
-rw-rw-r-- 1 jaiyen jaiyen 581712 Jan  6 2016
Homo_sapiens_assembly38.dict
-rw-rw-r-- 1 root root 0 Aug  5 13:36 myfile.txt
drwxrwxr-x 2 jaiyen jaiyen 4096 Aug  5 13:37 myfolder
lrwxrwxrwx 1 jaiyen jaiyen 8 Aug  5 13:37 mysymlink -> myfolder
-r----- 1 jaiyen jaiyen 0 Aug  5 13:35 secrets.txt
jaiyen@cokezero:~$ ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN
group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
        valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host noprefixroute
        valid_lft forever preferred_lft forever
2: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel
state UP group default qlen 1000
    link/ether e6:c1:26:d9:a6:b3 brd ff:ff:ff:ff:ff:ff
    altname enp0s3
    altname ens3
    inet 159.223.76.157/20 brd 159.223.79.255 scope global eth0
        valid_lft forever preferred_lft forever
    inet 10.15.0.5/16 brd 10.15.255.255 scope global eth0
        valid_lft forever preferred_lft forever
    inet6 fe80::e4c1:26ff:fed9:a6b3/64 scope link
        valid_lft forever preferred_lft forever
3: eth1: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel
state UP group default qlen 1000
    link/ether b6:63:ea:4e:d7:90 brd ff:ff:ff:ff:ff:ff
    altname enp0s4

```

```

    altname ens4
    inet 10.104.0.2/20 brd 10.104.15.255 scope global eth1
        valid_lft forever preferred_lft forever
    inet6 fe80::b463:eaff:fe4e:d790/64 scope link
        valid_lft forever preferred_lft forever
jaiyen@cokezero:~$ dig google.com +short
142.251.10.101
142.251.10.100
142.251.10.138
142.251.10.139
142.251.10.113
142.251.10.102
jaiyen@cokezero:~$ dig google.com

; <<>> DiG 9.18.30-0ubuntu0.24.04.2-Ubuntu <<>> google.com
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 28999
;; flags: qr rd ra; QUERY: 1, ANSWER: 6, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 65494
;; QUESTION SECTION:
;google.com.                IN      A

;; ANSWER SECTION:
google.com.                 208     IN      A       142.251.10.138
google.com.                 208     IN      A       142.251.10.113
google.com.                 208     IN      A       142.251.10.139
google.com.                 208     IN      A       142.251.10.101
google.com.                 208     IN      A       142.251.10.102
google.com.                 208     IN      A       142.251.10.100

;; Query time: 0 msec
;; SERVER: 127.0.0.53#53(127.0.0.53) (UDP)
;; WHEN: Tue Aug 05 13:52:46 UTC 2025
;; MSG SIZE rcvd: 135

jaiyen@cokezero:~$ ip link
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN
mode DEFAULT group default qlen 1000

```

```
link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
2: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel
state UP mode DEFAULT group default qlen 1000
    link/ether e6:c1:26:d9:a6:b3 brd ff:ff:ff:ff:ff:ff
    altname enp0s3
    altname ens3
3: eth1: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel
state UP mode DEFAULT group default qlen 1000
    link/ether b6:63:ea:4e:d7:90 brd ff:ff:ff:ff:ff:ff
    altname enp0s4
    altname ens4
```

```
jaiyen@cokezero:~$ ping google.com
```

```
PING google.com (142.251.10.102) 56(84) bytes of data.
64 bytes from sd-in-f102.1e100.net (142.251.10.102): icmp_seq=1
ttl=107 time=1.68 ms
64 bytes from sd-in-f102.1e100.net (142.251.10.102): icmp_seq=2
ttl=107 time=1.10 ms
64 bytes from sd-in-f102.1e100.net (142.251.10.102): icmp_seq=3
ttl=107 time=1.04 ms
64 bytes from sd-in-f102.1e100.net (142.251.10.102): icmp_seq=4
ttl=107 time=1.04 ms
64 bytes from sd-in-f102.1e100.net (142.251.10.102): icmp_seq=5
ttl=107 time=1.01 ms
64 bytes from sd-in-f102.1e100.net (142.251.10.102): icmp_seq=6
ttl=107 time=0.985 ms
64 bytes from sd-in-f102.1e100.net (142.251.10.102): icmp_seq=7
ttl=107 time=0.993 ms
64 bytes from sd-in-f102.1e100.net (142.251.10.102): icmp_seq=8
ttl=107 time=1.03 ms
64 bytes from sd-in-f102.1e100.net (142.251.10.102): icmp_seq=9
ttl=107 time=1.02 ms
64 bytes from sd-in-f102.1e100.net (142.251.10.102): icmp_seq=10
ttl=107 time=1.01 ms
```

```
^C
```

```
--- google.com ping statistics ---
10 packets transmitted, 10 received, 0% packet loss, time 9012ms
rtt min/avg/max/mdev = 0.985/1.090/1.684/0.199 ms
```

```
jaiyen@cokezero:~$ sudo apt install at
```

The following NEW packages will be installed:

at

0 upgraded, 1 newly installed, 0 to remove and 3 not upgraded.

```
jaiyen@cokezero:~$ sudo systemctl enable --now atd
```

Synchronizing state of atd.service with SysV service script with /usr/lib/systemd/systemd-sysv-install.

```
Executing: /usr/lib/systemd/systemd-sysv-install enable atd
```

```
jaiyen@cokezero:~$ date
```

Tue Aug 5 13:55:23 UTC 2025

```
jaiyen@cokezero:~$ echo "wget https://cache111.com/test.zip" | at 13:56
```

warning: commands will be executed using /bin/sh

job 1 at Tue Aug 5 13:56:00 2025

```
jaiyen@cokezero:~$ date
```

Tue Aug 5 13:55:56 UTC 2025

```
jaiyen@cokezero:~$ ls -l
```

total 576

-rw-rw-r-- 1 jaiyen jaiyen 581712 Jan 6 2016

Homo_sapiens_assembly38.dict

-rw-rw-r-- 1 root root 0 Aug 5 13:36 myfile.txt

drwxrwxr-x 2 jaiyen jaiyen 4096 Aug 5 13:37 myfolder

lrwxrwxrwx 1 jaiyen jaiyen 8 Aug 5 13:37 mysymlink -> myfolder

-r----- 1 jaiyen jaiyen 0 Aug 5 13:35 secrets.txt

```
jaiyen@cokezero:~$ ls -l
```

total 580

-rw-rw-r-- 1 jaiyen jaiyen 581712 Jan 6 2016

Homo_sapiens_assembly38.dict

-rw-rw-r-- 1 root root 0 Aug 5 13:36 myfile.txt

drwxrwxr-x 2 jaiyen jaiyen 4096 Aug 5 13:37 myfolder

lrwxrwxrwx 1 jaiyen jaiyen 8 Aug 5 13:37 mysymlink -> myfolder

-r----- 1 jaiyen jaiyen 0 Aug 5 13:35 secrets.txt

-rw-rw-r-- 1 jaiyen jaiyen 181 Aug 4 16:12 test.zip

```
jaiyen@cokezero:~$ nohup bash -c 'sleep $(( $(date -d "today 13:59" +%s) - $(date +%s) )) && wget https://cache111.com/test.zip' &
```

[1] 2228

```
jaiyen@cokezero:~$ rm test.zip
```

```
jaiyen@cokezero:~$ ls -l
```

total 576

-rw-rw-r-- 1 jaiyen jaiyen 581712 Jan 6 2016

Homo_sapiens_assembly38.dict

```
-rw-rw-r-- 1 root    root          0 Aug  5 13:36 myfile.txt
drwxrwxr-x 2 jaiyen  jaiyen    4096 Aug  5 13:37 myfolder
lrwxrwxrwx 1 jaiyen  jaiyen      8 Aug  5 13:37 mysymlink -> myfolder
-rw----- 1 jaiyen  jaiyen      0 Aug  5 13:57 nohup.out
-r----- 1 jaiyen  jaiyen      0 Aug  5 13:35 secrets.txt
```

```
jaiyen@cokezero:~$ date
```

```
Tue Aug  5 13:58:55 UTC 2025
```

```
jaiyen@cokezero:~$ ls -l
```

```
total 584
```

```
-rw-rw-r-- 1 jaiyen  jaiyen 581712 Jan  6 2016
```

```
Homo_sapiens_assembly38.dict
```

```
-rw-rw-r-- 1 root    root          0 Aug  5 13:36 myfile.txt
```

```
drwxrwxr-x 2 jaiyen  jaiyen    4096 Aug  5 13:37 myfolder
```

```
lrwxrwxrwx 1 jaiyen  jaiyen      8 Aug  5 13:37 mysymlink -> myfolder
```

```
-rw----- 1 jaiyen  jaiyen    431 Aug  5 13:59 nohup.out
```

```
-r----- 1 jaiyen  jaiyen      0 Aug  5 13:35 secrets.txt
```

```
-rw-rw-r-- 1 jaiyen  jaiyen    181 Aug  4 16:12 test.zip
```

```
[1]+  Done                               nohup bash -c 'sleep $(( $(date -d
```

```
"today 13:59" +%s) - $(date +%s) )) && wget
```

```
https://cache111.com/test.zip'
```

```
jaiyen@cokezero:~$ exit
```

```
exit
```

```
Script done on 2025-08-05 14:00:57+00:00 [COMMAND_EXIT_CODE="0"]
```