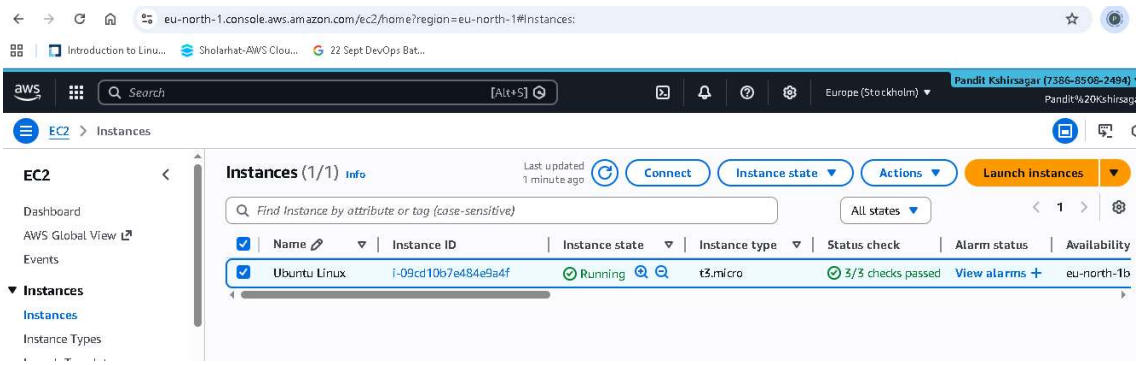
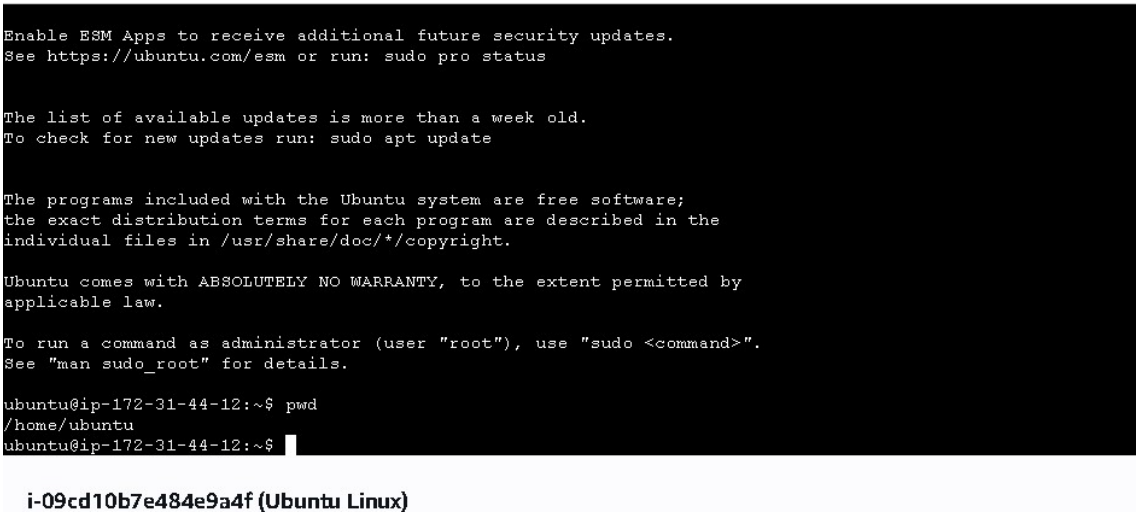
Installation Ubuntu Linux on AWS console



Terminal Access and directory



i-09cd10b7e484e9a4f (Ubuntu Linux)

Creating directory Using mkdir and touch command

```
  -v, --verbose     print a message for each created directory
  -Z                   set SELinux security context of each created directory
                         to the default type
      --context[=CTX]  like -Z, or if CTX is specified then set the SELinux
                         or SMACK security context to CTX
      --help        display this help and exit
      --version     output version information and exit

GNU coreutils online help: <https://www.gnu.org/software/coreutils/>
Report any translation bugs to <https://translationproject.org/team/>
Full documentation <https://www.gnu.org/software/coreutils/mkdir>
or available locally via: info '(coreutils) mkdir invocation'
ubuntu@ip-172-31-44-12:~$ mkdir pandit
ubuntu@ip-172-31-44-12:~$ ls
pandit
ubuntu@ip-172-31-44-12:~$ touch
touch: missing file operand
Try 'touch --help' for more information.
ubuntu@ip-172-31-44-12:~$ touch kshirsagar
ubuntu@ip-172-31-44-12:~$ ls
kshirsagar  pandit
ubuntu@ip-172-31-44-12:~$
```

Locating Directory Using ls command

```
ubuntu@ip-172-31-44-12:~$ ls
kshirsagar  pandit
ubuntu@ip-172-31-44-12:~$
```

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Remove Directory by rmdir

```
ubuntu@ip-172-31-44-12:~$ rmdir pandit
ubuntu@ip-172-31-44-12:~$ ls
kshirsagar
ubuntu@ip-172-31-44-12:~$
```

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System Monitoring Basics commands df -h, top,htop,

```
ubuntu@ip-172-31-44-12:~$ df -h
Filesystem        Size  Used Avail Use% Mounted on
/dev/root         6.8G  1.8G  5.0G  27% /
tmpfs             458M     0  458M   0% /dev/shm
tmpfs             183M  872K  182M   1% /run
tmpfs             5.0M     0  5.0M   0% /run/lock
efivarfs          128K  3.6K  120K   3% /sys/firmware/efi/efivars
/dev/nvme0n1p16   881M   89M  730M  11% /boot
/dev/nvme0n1p15   105M  6.2M   99M   6% /boot/efi
tmpfs              92M   12K   92M   1% /run/user/1000
ubuntu@ip-172-31-44-12:~$
```

i-09cd10b7e484e9a4f (Ubuntu Linux)

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```
Welcome to Ubuntu 24.04.3 LTS (GNU/Linux 6.14.0-1015-aws x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:     https://landscape.canonical.com
 * Support:        https://ubuntu.com/pro

 System information as of Thu Jan 15 14:25:35 UTC 2026

  System load:  0.0               Temperature:           -273.1 C
  Usage of /:   26.3% of 6.71GB   Processes:             112
  Memory usage: 22%               Users logged in:       0
  Swap usage:   0%                IPv4 address for ens5: 172.31.44.12


Expanded Security Maintenance for Applications is not enabled.

0 updates can be applied immediately.

Enable ESM Apps to receive additional future security updates.
top - 14:27:35 up 22 min,  1 user,  load average: 0.00, 0.00, 0.00
Tasks: 106 total,   1 running, 105 sleeping,   0 stopped,   0 zombie
%Cpu(s):  0.0 us,  0.2 sy,  0.0 ni, 99.8 id,  0.0 wa,  0.0 hi,  0.0 si,  0.0 st
```

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```
  0[                                                      0.0%] Tasks: 30, 40 thr, 77 kthr; 1 running
  1[|                                                     0.7%] Load average: 0.00 0.00 0.00
Mem[||||||||||||||||||||||||||||||||||||||||||||||||||| 192M/914M] Uptime: 00:24:30
Swp[                                                      0K/0K]

  Main   I/O
    PID USER       PRI  NI  VIRT   RES   SHR S  CPU%▽MEM%   TIME+  Command
      1 root        20   0 22512 13584  9488 S   0.0  1.5  0:01.51 /sbin/init
    129 root        19  -1 50432 14008 12984 S   0.0  1.5  0:00.23 /usr/lib/systemd/systemd-journald
    190 root        RT   0  282M 27172  8740 S   0.0  2.9  0:00.05 /sbin/multipathd -d -s
    202 root        20   0 26488  8104  5032 S   0.0  0.9  0:00.22 /usr/lib/systemd/systemd-udevd
    203 root        20   0  282M 27172  8740 S   0.0  2.9  0:00.00 /sbin/multipathd -d -s
    204 root        RT   0  282M 27172  8740 S   0.0  2.9  0:00.00 /sbin/multipathd -d -s
    205 root        RT   0  282M 27172  8740 S   0.0  2.9  0:00.00 /sbin/multipathd -d -s
    206 root        RT   0  282M 27172  8740 S   0.0  2.9  0:00.00 /sbin/multipathd -d -s
    207 root        RT   0  282M 27172  8740 S   0.0  2.9  0:00.08 /sbin/multipathd -d -s
    208 root        RT   0  282M 27172  8740 S   0.0  2.9  0:00.00 /sbin/multipathd -d -s
    329 systemd-re  20   0 21592 12664 10488 S   0.0  1.4  0:00.15 /usr/lib/systemd/systemd-resolved
    531 systemd-ne  20   0 22408  9848  8696 S   0.0  1.1  0:00.04 /usr/lib/systemd/systemd-networkd
    593 root        20   0  2720  1984  1856 S   0.0  0.2  0:00.00 /usr/sbin/acpid
F1Help  F2Setup F3SearchF4FilterF5Tree  F6SortByF7Nice -F8Nice +F9Kill  F10Quit
```

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```
ubuntu@ip-172-31-44-12:~$ htop
ubuntu@ip-172-31-44-12:~$ free -m
               total        used        free      shared  buff/cache   available
Mem:             914         347         345           2         379         566
Swap:              0           0           0
ubuntu@ip-172-31-44-12:~$
```

i-09cd10b7e484e9a4f (Ubuntu Linux)

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Command for finding Ubuntu version and Operating system details.

```
ubuntu@ip-172-31-44-12:~$ cat /etc/os-release
PRETTY_NAME="Ubuntu 24.04.3 LTS"
NAME="Ubuntu"
VERSION_ID="24.04"
VERSION="24.04.3 LTS (Noble Numbat)"
VERSION_CODENAME=noble
ID=ubuntu
ID_LIKE=debian
HOME_URL="https://www.ubuntu.com/"
SUPPORT_URL="https://help.ubuntu.com/"
BUG_REPORT_URL="https://bugs.launchpad.net/ubuntu/"
PRIVACY_POLICY_URL="https://www.ubuntu.com/legal/terms-and-policies/privacy-policy"
UBUNTU_CODENAME=noble
LOGO=ubuntu-logo
ubuntu@ip-172-31-44-12:~$ lsb_release -a
No LSB modules are available.
Distributor ID: Ubuntu
Description:    Ubuntu 24.04.3 LTS
Release:        24.04
Codename:       noble
ubuntu@ip-172-31-44-12:~$
```

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```
ubuntu@ip-172-31-44-12:~$ ls -ltr
total 0
-rwxrwxrwx 1 ubuntu ubuntu 0 Jan 15 14:13 kshirsagar
ubuntu@ip-172-31-44-12:~$
```

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```
Last login: Thu Jan 15 14:29:10 2026 from 13.48.4.202
ubuntu@ip-172-31-44-12:~$ ls
Shree.txt  kshirsagar  shree
ubuntu@ip-172-31-44-12:~$
```

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