

EC2 Assignment:

Step1: Click on Launch Instance and give instance name.

Step 2: select an AMI image(Ubuntu)

Services Search [Alt+S] N. Virginia ravindrareddy0602

Launch an instance

Amazon EC2 allows you to create virtual machines, or instances, that run on the AWS Cloud. Quickly get started by following the simple steps below.

Name and tags

Name: [Add additional tags](#)

Application and OS Images (Amazon Machine Image)

An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. Search or Browse for AMIs if you don't see what you are looking for below.

My AMIs **Quick Start**

Amazon Linux macOS **Ubuntu** Windows Red Hat S [Browse more AMIs](#)

Amazon Machine Image (AMI)

Summary

Number of instances:

Software Image (AMI)
Canonical, Ubuntu, 22.04 LTS, ...[read more](#)
ami-0557a15b87f6559cf

Virtual server type (instance type)
t2.micro

Firewall (security group)
New security group

Storage (volumes)
1 volume(s) - 8 GiB

[Cancel](#) [Launch instance](#)

Step3: create key pair and download .pem file

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Instance type

t2.micro Free tier eligible

Family: t2 1 vCPU 1 GiB Memory

On-Demand Windows pricing: 0.0162 USD per Hour

On-Demand SUSE pricing: 0.0116 USD per Hour

On-Demand RHEL pricing: 0.0716 USD per Hour

On-Demand Linux pricing: 0.0116 USD per Hour

[Compare instance types](#)

Key pair (login)

You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair before you launch the instance.

Key pair name - required: [Create new key pair](#)

Network settings

VPC - required: (default) [Create new VPC](#)

Subnet: my_sub01 [Create new subnet](#)

VPC: vpc-04e5b2b9994a4d59c Owner: 717127684926 Availability Zone: us-east-1f

IP addresses available: 65531 CIDR: 172.31.0.0/16

Summary

Number of instances:

Software Image (AMI)
Canonical, Ubuntu, 22.04 LTS, ...[read more](#)
ami-0557a15b87f6559cf

Virtual server type (instance type)
t2.micro

Firewall (security group)
New security group

Storage (volumes)
1 volume(s) - 8 GiB

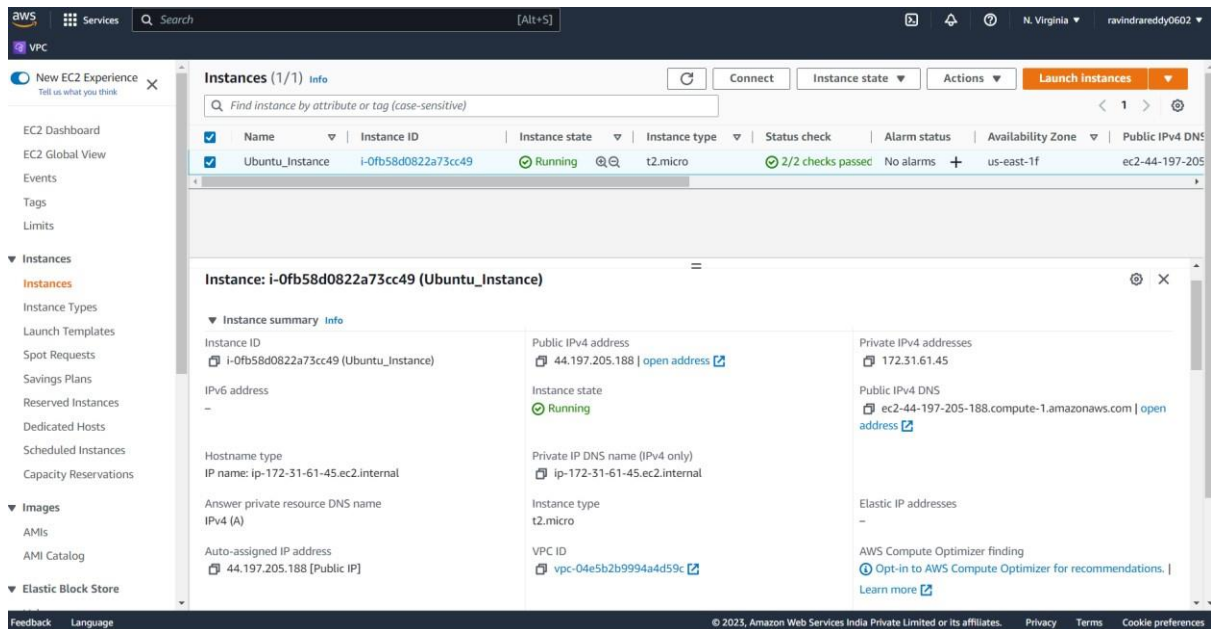
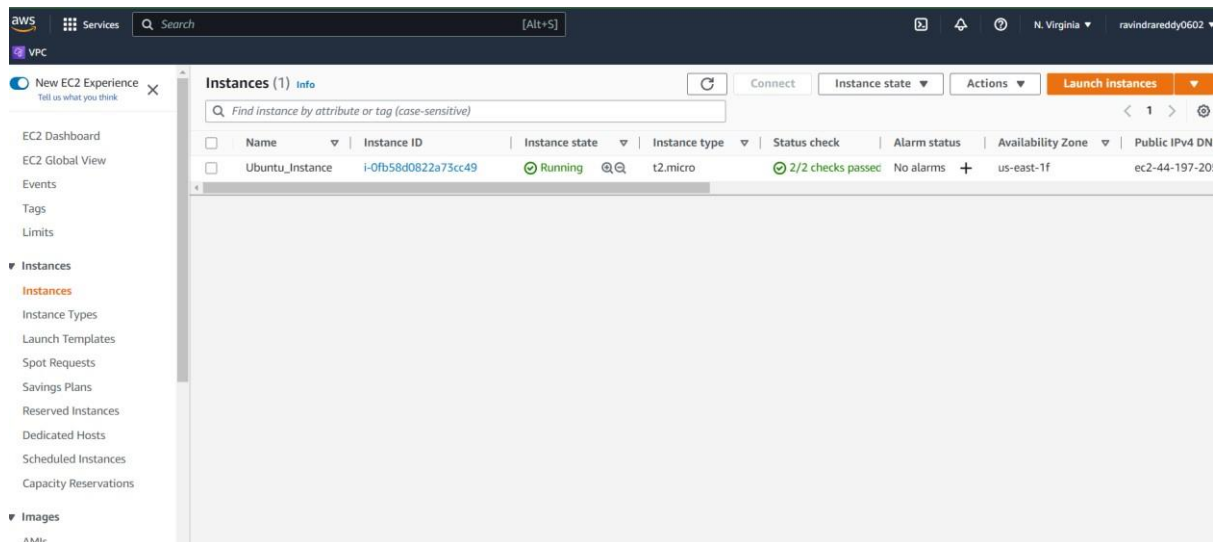
[Cancel](#) [Launch instance](#)

Step4: Select Default VPC and enable the Public Access.

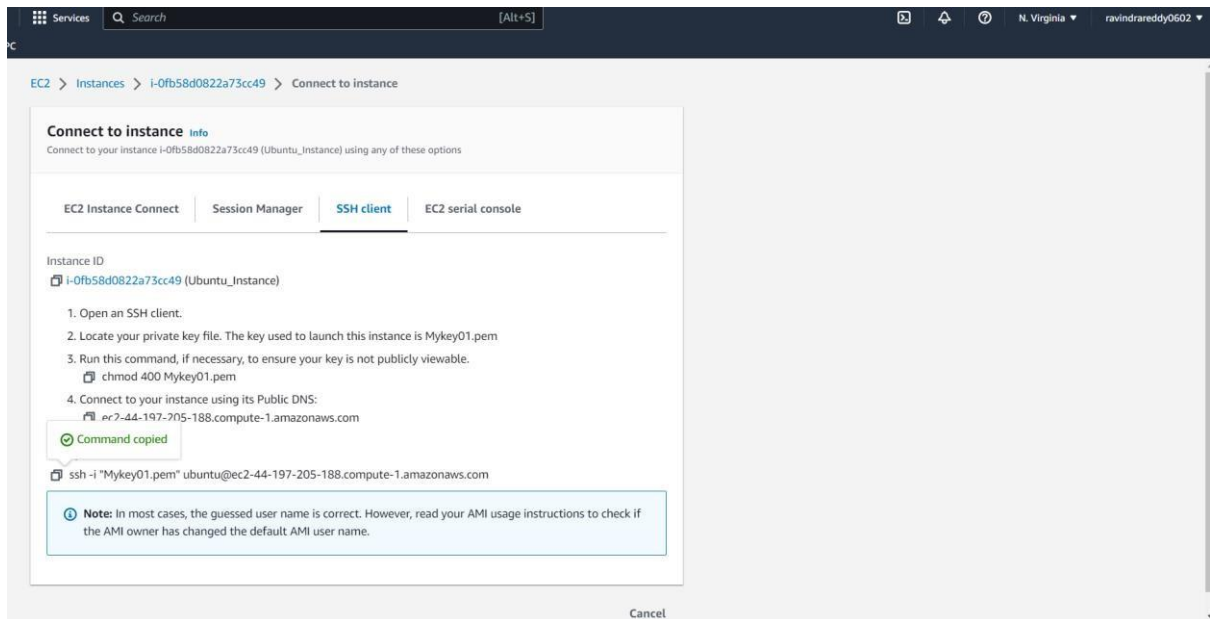
The screenshot shows the 'Launch instances' wizard in the AWS Management Console, specifically the 'Configure security' step. The 'Auto-assign public IP' dropdown is set to 'Enable'. Under 'Firewall (security groups)', the 'Create security group' radio button is selected. The 'Security group name' is 'launch-wizard-17'. The 'Description' is 'launch-wizard-17 created 2023-03-02T04:56:01.859Z'. There are two 'Inbound security groups rules' listed: 'Security group rule 1 (TCP, 22, 0.0.0.0/0)' and 'Security group rule 2 (TCP, 443, 0.0.0.0/16)'. For rule 2, the 'Type' is 'HTTPS', 'Protocol' is 'TCP', 'Port range' is '443', 'Source type' is 'Custom', and 'Source' is '0.0.0.0/16'. The 'Summary' panel on the right shows: 'Number of instances: 1', 'Software Image (AMI): Canonical, Ubuntu, 22.04 LTS', 'Virtual server type (instance type): t2.micro', 'Firewall (security group): New security group', and 'Storage (volumes): 1 volume(s) - 8 GiB'. At the bottom right, there are 'Cancel' and 'Launch instance' buttons.

Step5: Click on View Instances.

The screenshot shows the 'Launch instances' wizard in the AWS Management Console, specifically the 'Review and launch' step. A green 'Success' message states 'Successfully initiated launch of instance (i-0fb58d0822a73cc49)'. Below this, a 'Launch log' table shows the following steps and their status: 'Initializing requests' (Succeeded), 'Creating security groups' (Succeeded), 'Creating security group rules' (Succeeded), and 'Launch initiation' (Succeeded). The 'Next Steps - preview' section contains four cards: 'Create billing and free tier usage alerts', 'Connect to your instance' (with a 'Connect to instance' button), 'Connect an RDS database', and 'Create EBS snapshot policy'. At the bottom, there is a search bar and a pagination control showing page 1 of 6.



Step 6 : Click on Connect and go to SSH client and copy the SSH command.



Step 7: Change to the Directory where the .pem file is present.

Step 8: type ssh and paste the copied command.

```
ubuntu@ip-172-31-61-45: ~  
C:\Users\ravin\Downloads>ssh -i "Mykey01.pem" ubuntu@ec2-44-197-205-188.compute-1.amazonaws.com  
The authenticity of host 'ec2-44-197-205-188.compute-1.amazonaws.com (44.197.205.188)' can't be established.  
ED25519 key fingerprint is SHA256:kB88fWoGicuQArpszvAyHeKmtJqkFV96SqvJ0KNqio.  
This key is not known by any other names  
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes  
Warning: Permanently added 'ec2-44-197-205-188.compute-1.amazonaws.com' (ED25519) to the list of known hosts.  
Welcome to Ubuntu 22.04.1 LTS (GNU/Linux 5.15.0-1028-aws x86_64)  
  
* Documentation:  https://help.ubuntu.com  
* Management:    https://landscape.canonical.com  
* Support:        https://ubuntu.com/advantage  
  
System information as of Thu Mar  2 05:13:48 UTC 2023  
  
System load:  0.080078125      Processes:    95  
Usage of /:   19.8% of 7.57GB   Users logged in:  0  
Memory usage: 19%             IPv4 address for eth0: 172.31.61.45  
Swap usage:   0%  
  
Expanded Security Maintenance for Applications is not enabled.  
  
0 updates can be applied immediately.  
  
Enable ESM Apps to receive additional future security updates.  
See https://ubuntu.com/esm or run: sudo pro status  
  
The list of available updates is more than a week old.  
To check for new updates run: sudo apt update  
  
The programs included with the Ubuntu system are free software;  
the exact distribution terms for each program are described in the  
individual files in /usr/share/doc/*/copyright.  
  
Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by  
applicable law.  
  
To run a command as administrator (user "root"), use "sudo <command>".  
See "man sudo_root" for details.  
  
ubuntu@ip-172-31-61-45:~$
```

Step 9: install node js by using \$apt install nodejs

```

ubuntu@ip-172-31-61-45: ~$ sudo apt update
Hit:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy InRelease
Get:2 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates InRelease [119 kB]
Get:3 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports InRelease [107 kB]
Get:4 http://security.ubuntu.com/ubuntu jammy-security InRelease [110 kB]
Get:5 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 Packages [14.1 MB]
Get:6 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe Translation-en [5652 kB]
Get:7 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 c-n-f Metadata [286 kB]
Get:8 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/multiverse amd64 Packages [217 kB]
Get:9 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/multiverse Translation-en [112 kB]
Get:10 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/multiverse amd64 c-n-f Metadata [8372 B]
Get:11 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 Packages [938 kB]
Get:12 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main Translation-en [283 kB]
Get:13 http://security.ubuntu.com/ubuntu jammy-security/main amd64 Packages [646 kB]
Get:14 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 c-n-f Metadata [13.6 kB]
Get:15 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/restricted amd64 Packages [680 kB]
Get:16 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/restricted Translation-en [186 kB]
Get:17 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/restricted amd64 c-n-f Metadata [584 B]
Get:18 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/universe amd64 Packages [874 kB]
Get:19 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/universe Translation-en [171 kB]
Get:20 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/universe amd64 c-n-f Metadata [17.8 kB]
Get:21 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/multiverse amd64 Packages [9696 B]
Get:22 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/multiverse Translation-en [3260 B]
Get:23 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/multiverse amd64 c-n-f Metadata [444 B]
Get:24 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/main amd64 Packages [40.7 kB]
Get:25 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/main Translation-en [9800 B]
Get:26 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/main amd64 c-n-f Metadata [392 B]
Get:27 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/restricted amd64 c-n-f Metadata [116 B]
Get:28 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/universe amd64 Packages [19.5 kB]
Get:29 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/universe Translation-en [14.0 kB]
Get:30 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/universe amd64 c-n-f Metadata [392 B]
Get:31 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/multiverse amd64 c-n-f Metadata [116 B]
Get:32 http://security.ubuntu.com/ubuntu jammy-security/main Translation-en [135 kB]
Get:33 http://security.ubuntu.com/ubuntu jammy-security/main amd64 c-n-f Metadata [8524 B]
Get:34 http://security.ubuntu.com/ubuntu jammy-security/restricted amd64 Packages [582 kB]
Get:35 http://security.ubuntu.com/ubuntu jammy-security/restricted Translation-en [90.4 kB]
Get:36 http://security.ubuntu.com/ubuntu jammy-security/universe amd64 Packages [694 kB]
Get:37 http://security.ubuntu.com/ubuntu jammy-security/universe Translation-en [110 kB]
Get:38 http://security.ubuntu.com/ubuntu jammy-security/universe amd64 c-n-f Metadata [13.4 kB]
Get:39 http://security.ubuntu.com/ubuntu jammy-security/multiverse amd64 Packages [4960 B]
Get:40 http://security.ubuntu.com/ubuntu jammy-security/multiverse Translation-en [996 B]

```

```

Get:24 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/main amd64 Packages [40.7 kB]
Get:25 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/main Translation-en [9800 B]
Get:26 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/main amd64 c-n-f Metadata [392 B]
Get:27 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/restricted amd64 c-n-f Metadata [116 B]
Get:28 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/universe amd64 Packages [19.5 kB]
Get:29 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/universe Translation-en [14.0 kB]
Get:30 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/universe amd64 c-n-f Metadata [392 B]
Get:31 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/multiverse amd64 c-n-f Metadata [116 B]
Get:32 http://security.ubuntu.com/ubuntu jammy-security/main Translation-en [135 kB]
Get:33 http://security.ubuntu.com/ubuntu jammy-security/main amd64 c-n-f Metadata [8524 B]
Get:34 http://security.ubuntu.com/ubuntu jammy-security/restricted amd64 Packages [582 kB]
Get:35 http://security.ubuntu.com/ubuntu jammy-security/restricted Translation-en [90.4 kB]
Get:36 http://security.ubuntu.com/ubuntu jammy-security/universe amd64 Packages [694 kB]
Get:37 http://security.ubuntu.com/ubuntu jammy-security/universe Translation-en [110 kB]
Get:38 http://security.ubuntu.com/ubuntu jammy-security/universe amd64 c-n-f Metadata [13.4 kB]
Get:39 http://security.ubuntu.com/ubuntu jammy-security/multiverse amd64 Packages [4960 B]
Get:40 http://security.ubuntu.com/ubuntu jammy-security/multiverse Translation-en [996 B]
Get:41 http://security.ubuntu.com/ubuntu jammy-security/multiverse amd64 c-n-f Metadata [240 B]
Fetched 26.1 MB in 5s (5595 kB/s)
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
36 packages can be upgraded. Run 'apt list --upgradable' to see them.
ubuntu@ip-172-31-61-45: ~$

```



```
C:\Users\ravin\Downloads>ssh -i "Mykey01.pem" ubuntu@ec2-44-197-205-188.compute-1.amazonaws.com
ssh: Could not resolve hostname ssh: No such host is known.
```

```
C:\Users\ravin\Downloads>ssh -i "Mykey01.pem" ubuntu@ec2-44-197-205-188.compute-1.amazonaws.com
Welcome to Ubuntu 22.04.1 LTS (GNU/Linux 5.15.0-1028-aws x86_64)
```

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

System information as of Thu Mar 2 05:26:46 UTC 2023

System load:	0.0	Processes:	98
Usage of /:	22.4% of 7.57GB	Users logged in:	1
Memory usage:	23%	IPv4 address for eth0:	172.31.61.45
Swap usage:	0%		

```
* Introducing Expanded Security Maintenance for Applications.
  Receive updates to over 25,000 software packages with your
  Ubuntu Pro subscription. Free for personal use.
```

<https://ubuntu.com/aws/pro>

Expanded Security Maintenance for Applications is not enabled.

0 upgraded, 6 newly installed, 0 to remove and 36 not upgraded.

Need to get 13.7 MB of archives.

After this operation, 53.9 MB of additional disk space will be used.

Do you want to continue? [Y/n] y

```
Get:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 javascript-common all 11+nmul [5936 B]
Get:2 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 libjs-highlight.js all 9.18.5+dfsg1-1 [367 kB]
Get:3 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 libc-ares2 amd64 1.18.1-1build1 [44.9 kB]
Get:4 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 libnode72 amd64 12.22.9~dfsg-1ubuntu3 [10.8 MB]
Get:5 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 nodejs-doc all 12.22.9~dfsg-1ubuntu3 [2409 kB]
Get:6 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 nodejs amd64 12.22.9~dfsg-1ubuntu3 [122 kB]
Fetched 13.7 MB in 0s (45.0 MB/s)
Selecting previously unselected package javascript-common.
```

```
(Reading database ... 63605 files and directories currently installed.)
```

```
C:\Users\ravin\Downloads>ssh -i "Mykey01.pem" ubuntu@ec2-44-197-205-188.compute-1.amazonaws.com
ssh: Could not resolve hostname ssh: No such host is known.
```

```
C:\Users\ravin\Downloads>ssh -i "Mykey01.pem" ubuntu@ec2-44-197-205-188.compute-1.amazonaws.com
Welcome to Ubuntu 22.04.1 LTS (GNU/Linux 5.15.0-1028-aws x86_64)
```

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

System information as of Thu Mar 2 05:26:46 UTC 2023

System load:	0.0	Processes:	98
Usage of /:	22.4% of 7.57GB	Users logged in:	1
Memory usage:	23%	IPv4 address for eth0:	172.31.61.45
Swap usage:	0%		

```
* Introducing Expanded Security Maintenance for Applications.
  Receive updates to over 25,000 software packages with your
  Ubuntu Pro subscription. Free for personal use.
```

<https://ubuntu.com/aws/pro>

Expanded Security Maintenance for Applications is not enabled.

0 upgraded, 6 newly installed, 0 to remove and 36 not upgraded.

Need to get 13.7 MB of archives.

After this operation, 53.9 MB of additional disk space will be used.

Do you want to continue? [Y/n] y

```
Get:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 javascript-common all 11+nmul [5936 B]
Get:2 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 libjs-highlight.js all 9.18.5+dfsg1-1 [367 kB]
Get:3 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 libc-ares2 amd64 1.18.1-1build1 [44.9 kB]
Get:4 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 libnode72 amd64 12.22.9~dfsg-1ubuntu3 [10.8 MB]
Get:5 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 nodejs-doc all 12.22.9~dfsg-1ubuntu3 [2409 kB]
Get:6 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 nodejs amd64 12.22.9~dfsg-1ubuntu3 [122 kB]
Fetched 13.7 MB in 0s (45.0 MB/s)
Selecting previously unselected package javascript-common.
```

```
(Reading database ... 63605 files and directories currently installed.)
```

```

ubuntu@ip-172-31-61-45:~$ sudo apt install npm
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  adwaita-icon-theme at-spi2-core build-essential bzip2 cpp cpp-11 dconf-gsettings-backend dconf-service dpkg-dev fakeroot fontconfig fontconfig-config
  fonts-dejavu-core g++ g++-11 gcc gcc-11 gcc-11-base gsettings-desktop-schemas gtk-update-icon-cache gyp hicolor-icon-theme humanity-icon-theme
  libalgorithm-diff-perl libalgorithm-diff-xs-perl libalgorithm-merge-perl libasan6 libatk-bridge2.0-0 libatk1.0-0 libatk1.0-data libatomic1 libatspi2.0-0
  libauthen-sasl-perl libavahi-client3 libavahi-common-data libavahi-common3 libc-dev-bin libc-devtools libc6-dev libcairo-gobject2 libcairo2 libcc1-0
  libclone-perl libcolord2 libcrypt-dev libcups2 libdata-dump-perl libdatatriel libdconf1 libdeflate0 libdpkg-perl libdrm-amdgpu1 libdrm-intel1
  libdrm-nouveau2 libdrm-radeon1 libencode-locale-perl libepoxy0 libfakeroot libfile-basedir-perl libfile-desktopentry-perl libfile-fcntllock-perl
  libfile-listing-perl libfile-mimeinfo-perl libfont-afm-perl libfontconfig1 libfontenc1 libgcc-11-dev libgd3 libgdk-pixbuf-2.0-0 libgdk-pixbuf2.0-bin
  libgdk-pixbuf2.0-common libgl1 libgl1-amd-glx libgl1-mesa-dri libglapi-mesa libglvnd0 libglx-mesa0 libglx0 libgomp1 libgraphite2-3 libgtk-3-0
  libgtk-3-bin libgtk-3-common libgtkd-3-0 libharfbuzz0b libhtml-form-perl libhtml-format-perl libhtml-parser-perl libhtml-tagset-perl libhtml-tree-perl
  libhttp-cookies-perl libhttp-daemon-perl libhttp-date-perl libhttp-message-perl libhttp-negotiate-perl libice6 libio-html-perl libio-socket-ssl-perl
  libio-stringy-perl libipc-system-simple-perl libisl23 libitm1 libjbig0 libjpeg-turbo8 libjpeg8 libjs-events libjs-inherits libjs-is-typedarray libjs-psl
  libjs-source-map libjs-sprintf-js libjs-typedarray-to-buffer liblcms2-2 libllvm11 libllvm15 liblsan0 liblwp-mediatypes-perl liblwp-protocol-https-perl
  libmailtools-perl libmpc3 libnet-dbus-perl libnet-http-perl libnet-smtp-ssl-perl libnet-ssleay-perl libnode-dev libnotify-bin libnotify4 libnsl-dev
  libpango-1.0-0 libpangocairo-1.0-0 libpangoft2-1.0-0 libpciaccess0 libphobos2-ldc-shared98 libpixmap-1-0 libquadmath0 librsvg2-2 librsvg2-common
  libsensors-config libsensors5 libssl-dev libstdc++-11-dev libthai-data libthai0 libtie-ixhash-perl libtiff5 libtimedate-perl libtirpc-dev
  libtry-tiny-perl libtsan0 libubsan1 liburi-perl libuv1-dev libvte-2.91-0 libvte-2.91-common libvte3-3 libwayland-client0 libwayland-cursor0
  libwayland-egl1 libwebp7 libwww-perl libwww-robotrules-perl libx11-protocol-perl libx11-xcb1 libxaw7 libxcb-dri2-0 libxcb-dri3-0 libxcb-glx0
  libxcb-present0 libxcb-render0 libxcb-shape0 libxcb-shm0 libxcb-sync1 libxcb-xfixes0 libxcomposite1 libxcursor1 libxdamage1 libxfixes3 libxft2 libxi6
  libxinerama1 libxkbcommon0 libxkbfile1 libxml-parser-perl libxml-twig-perl libxml-yajl libxml-yajl libxmu6 libxpm4 libxrandr2 libxrender1 libxshmfence1
  libxt6 libxtst6 libxv1 libxxf86dga libxxf86vm linux-libc-dev lto-disabled-list make manpages-dev node-abab node-abbrev node-agent-base node-ansi-regex
  node-ansi-styles node-ansistyles node-aproba node-archy node-are-we-there-yet node-argparse node-arrify node-asap node-async node-async-mutex node-balanced-match
  node-brace-expansion node-builtins node-cacache node-chalk node-chownr node-clean-yaml-object node-cli-table node-clone node-color-convert
  node-color-name node-colors node-columnify node-commander node-console-control-strings node-copy-concurrently node-core-util-is
  node-coveralls node-cssom node-cssstyle node-debug node-decompress-response node-defaults node-delayed-stream node-delegates node-depd node-diff
  node-encoding node-end-of-stream node-err-code node-escape-string-regexp node-esprima node-events node-fancy-log node-fetch node-fs.realpath node-fs-write-stream-atomic
  node-fs.realpath node-function-bind node-gauge node-get-stream node-glob node-got node-graceful-fs node-growl node-husky node-has-flag node-has-unicode
  node-hosted-git-info node-https-proxy-agent node-iconv-lite node-iferr node-imurmurhash node-indent-string node-inflight node-inherits node-ini
  node-ip node-ip-regex node-is-buffer node-is-plain-obj node-is-typedarray node-isarray node-isexe node-js-yaml node-jsdom node-json-buffer
  node-json-parse-better-errors node-jsonparse node-kind-of node-lcov-parse node-lodash-packages node-log-driver node-lowercase-keys node-lru-cache
  node-lru-cache node-mime node-mime-types node-mimic-response node-minimatch node-minimist node-minipass node-mkdirp node-move-concurrently node-mute-stream
  node-mute-stream node-negotiator node-nopt node-normalize-package-data node-npm-bundled node-npm-package-arg node-npmlog node-object-assign node-once
  node-opener node-osenv node-p-cancelable node-p-map node-path-is-absolute node-process-nextick-args node-promise-inflight node-promise-retry node-promzard
  node-psl node-pump node-punycode node-quick-lru node-read node-read-package-json node-readable-stream node-resolve node-retry node-rimraf node-run-queue
  node-safe-buffer node-sax node-sax node-set-blocking node-signal-exit node-slash node-slice-ansi node-source-map node-source-map-support node-spdx-correct
  node-spdx-exceptions node-spdx-expression-parse node-spdx-license-ids node-sprintf-js node-sri node-stack-utils node-stealthy-require node-string-decoder
  node-string-width node-strip-ansi node-strip-ansi node-supports-color node-tap node-tap-mocha-reporter node-tap-parser node-tar node-text-table
  node-time-stamp node-tmatch node-tough-cookie node-typedarray-to-buffer node-unique-filename node-universalify

```

```

need to get 192 MB of archives.
After this operation, 607 MB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 hicolor-icon-theme all 0.17-2 [9976 B]
Get:2 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libgdk-pixbuf2.0-common all 2.42.8+dfsg-1ubuntu0.2 [5530 B]
Get:3 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 libjpeg-turbo8 amd64 2.1.2-0ubuntu1 [134 kB]
Get:4 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 libjpeg8 amd64 8c-2ubuntu10 [2264 B]
Get:5 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 libdeflate0 amd64 1.10-2 [70.9 kB]
Get:6 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libjbig0 amd64 2.1-3.1ubuntu0.22.04.1 [29.2 kB]
Get:7 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 libwebp7 amd64 1.2.2-2 [206 kB]
Get:8 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libtiff5 amd64 4.3.0-6ubuntu0.3 [183 kB]
Get:9 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libgdk-pixbuf-2.0-0 amd64 2.42.8+dfsg-1ubuntu0.2 [148 kB]
Get:10 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 gtk-update-icon-cache amd64 3.24.33-1ubuntu2 [31.4 kB]
Get:11 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 humanity-icon-theme all 0.6.16 [1282 kB]
Get:12 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 ubuntu-mono all 20.10-0ubuntu2 [153 kB]
Get:13 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 adwaita-icon-theme all 41.0-1ubuntu1 [3444 kB]
Get:14 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 libx16 amd64 2:1.8-1build1 [32.6 kB]
Get:15 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 libatspi2.0-0 amd64 2.44.0-3 [80.9 kB]
Get:16 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 x11-common all 1:7.7+23ubuntu2 [23.4 kB]
Get:17 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 libxtst6 amd64 2:1.2.3-1build4 [13.4 kB]
Get:18 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 libdconf1 amd64 0.40.0-3 [40.5 kB]
Get:19 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 dconf-service amd64 0.40.0-3 [28.5 kB]
Get:20 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 dconf-gsettings-backend amd64 0.40.0-3 [22.8 kB]
Get:21 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 session-migration amd64 0.3.6 [9774 B]
Get:22 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 gsettings-desktop-schemas all 42.0-1ubuntu1 [31.1 kB]
Get:23 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 at-spi2-core amd64 2.44.0-3 [54.4 kB]
Get:24 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libc-dev-bin amd64 2.35-0ubuntu3.1 [20.4 kB]
Get:25 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 linux-libc-dev amd64 5.15.0-67.74 [1329 kB]
Get:26 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 libcrypt-dev amd64 1:4.4.27-1 [112 kB]
Get:27 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 rpcsvc-proto amd64 1.4.2-0ubuntu6 [68.5 kB]
Get:28 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libtirpc-dev amd64 1.3.2-2ubuntu0.1 [192 kB]
Get:29 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 libnsl-dev amd64 1.3.0-2build2 [71.3 kB]
Get:30 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libc6-dev amd64 2.35-0ubuntu3.1 [2099 kB]
Get:31 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 gcc-11-base amd64 11.3.0-1ubuntu1-22.04 [20.8 kB]
Get:32 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 libisl23 amd64 0.24-2build1 [727 kB]
Get:33 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 libmpc3 amd64 1.2.1-2build1 [46.9 kB]
Get:34 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 cpp-11 amd64 11.3.0-1ubuntu1-22.04 [9967 kB]
Get:35 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 cpp amd64 4:11.2.0-1ubuntu1 [27.7 kB]
Get:36 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libcc1-0 amd64 12.1.0-2ubuntu1-22.04 [47.4 kB]
Get:37 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libgomp1 amd64 12.1.0-2ubuntu1-22.04 [126 kB]
Get:38 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libitm1 amd64 12.1.0-2ubuntu1-22.04 [30.2 kB]

```

```
ubuntu@ip-172-31-61-45: ~$ curl -s http://us-east-1.ec2.archive.ubuntu.com/ubuntu | grep jammy-updates/main amd64
Get:39 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libatomic1 amd64 12.1.0-2ubuntu1-22.04 [10.4 kB]
Get:40 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libasan6 amd64 11.3.0-1ubuntu1-22.04 [2284 kB]
Get:41 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 liblsan0 amd64 12.1.0-2ubuntu1-22.04 [1069 kB]
Get:42 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libtsan0 amd64 11.3.0-1ubuntu1-22.04 [2262 kB]
Get:43 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libubsan1 amd64 12.1.0-2ubuntu1-22.04 [976 kB]
Get:44 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libquadmath0 amd64 12.1.0-2ubuntu1-22.04 [154 kB]
Get:45 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libgcc-11-dev amd64 11.3.0-1ubuntu1-22.04 [2517 kB]
Get:46 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 gcc-11 amd64 11.3.0-1ubuntu1-22.04 [20.1 MB]
Get:47 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 gcc amd64 4:11.2.0-1ubuntu1 [5112 B]
Get:48 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libstdc++-11-dev amd64 11.3.0-1ubuntu1-22.04 [2087 kB]
Get:49 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 g++-11 amd64 11.3.0-1ubuntu1-22.04 [11.4 MB]
Get:50 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 g++ amd64 4:11.2.0-1ubuntu1 [1412 B]
Get:51 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 make amd64 4.3-4.1build1 [180 kB]
Get:52 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libdpkg-perl all 1.21.1ubuntu2.1 [237 kB]
Get:53 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 bzip2 amd64 1.0.8-5build1 [34.8 kB]
Get:54 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 lto-disabled-list all 24 [12.5 kB]
Get:55 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 dpkg-dev all 1.21.1ubuntu2.1 [922 kB]
Get:56 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 build-essential amd64 12.9ubuntu3 [4744 B]
Get:57 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 libfakeroot amd64 1.28-1ubuntu1 [31.5 kB]
Get:58 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 fakeroot amd64 1.28-1ubuntu1 [60.4 kB]
Get:59 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 fonts-dejavu-core all 2.37-2build1 [1041 kB]
Get:60 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 fontconfig-config all 2.13.1-4.2ubuntu5 [29.1 kB]
Get:61 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 libfontconfig1 amd64 2.13.1-4.2ubuntu5 [131 kB]
Get:62 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 fontconfig amd64 2.13.1-4.2ubuntu5 [177 kB]
Get:63 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 gyp all 0.1+20210831gitd6c5dd5-5 [238 kB]
Get:64 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 libalgorithm-diff-perl all 1.201-1 [41.8 kB]
Get:65 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 libalgorithm-diff-xs-perl amd64 0.04-6build3 [11.9 kB]
Get:66 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 libalgorithm-merge-perl all 0.08-3 [12.0 kB]
Get:67 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 libatk1.0-data all 2.36.0-3build1 [2824 B]
Get:68 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 libatk1.0-0 amd64 2.36.0-3build1 [51.9 kB]
Get:69 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 libatk-bridge2.0-0 amd64 2.38.0-3 [66.6 kB]
Get:70 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 libavahi-common-data amd64 0.8-Subuntu5 [23.9 kB]
Get:71 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 libavahi-common3 amd64 0.8-Subuntu5 [23.7 kB]
Get:72 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 libavahi-client3 amd64 0.8-Subuntu5 [28.1 kB]
Get:73 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libxpm4 amd64 1:3.5.12-1ubuntu0.22.04.1 [36.4 kB]
Get:74 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 libgd3 amd64 2.3.0-2ubuntu2 [129 kB]
Get:75 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libc-devtools amd64 2.35-0ubuntu3.1 [28.9 kB]
```

```
ubuntu@ip-172-31-61-45: ~$ curl -s http://us-east-1.ec2.archive.ubuntu.com/ubuntu | grep jammy/universe amd64
Get:308 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 node-string-width all 4.2.3+~cs13.2.3-1 [11.4 kB]
Get:309 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 node-wide-align all 1.1.3-4 [4228 B]
Get:310 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 node-gauge all 4.0.2-1 [16.3 kB]
Get:311 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 node-end-of-stream all 1.4.4+~1.4.1-1 [5340 B]
Get:312 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 node-pump all 3.0.0-5 [5160 B]
Get:313 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 node-get-stream all 6.0.1-1 [7324 B]
Get:314 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 node-lowercase-keys all 2.0.0-2 [3754 B]
Get:315 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 node-json-buffer all 3.0.1-1 [3812 B]
Get:316 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 node-p-cancelable all 2.1.1-1 [7358 B]
Get:317 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 node-quick-lru all 5.1.1-1 [5532 B]
Get:318 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 node-got all 11.8.3+~cs58.7.37-1 [122 kB]
Get:319 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 node-has-flag all 4.0.0-2 [4228 B]
Get:320 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 node-hosted-git-info all 4.0.2-1 [9006 B]
Get:321 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 node-ip all 1.1.5+~1.1.0-1 [8140 B]
Get:322 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 node-ip-regex all 4.3.0+~4.1.1-1 [5254 B]
Get:323 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 node-is-typedarray all 1.0.0-4 [2072 B]
Get:324 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 node-isexe all 2.0.0+~2.0.1-4 [6102 B]
Get:325 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 node-json-parse-better-errors all 1.0.2+~cs3.3.1-1 [7328 B]
Get:326 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 node-encoding all 0.1.13-2 [4366 B]
Get:327 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 node-jsonparse all 1.3.1-10 [8060 B]
Get:328 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 node-minipass all 3.1.6+~cs8.7.18-1 [32.9 kB]
Get:329 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 node-npm-bundled all 1.1.2-1 [6228 B]
Get:330 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 node-osenv all 0.1.5+~0.1.0-1 [5896 B]
Get:331 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 node-validate-npm-package-name all 3.0.0-4 [5058 B]
Get:332 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 node-npm-package-arg all 8.1.5-1 [8132 B]
Get:333 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 node-object-assign all 4.1.1-6 [4754 B]
Get:334 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 xdg-utils all 1.1.3-4.1ubuntu3-22.04.1 [61.9 kB]
Get:335 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 node-opener all 1.5.2+~1.4.0-1 [6000 B]
Get:336 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 node-retry all 0.13.1+~0.12.1-1 [11.5 kB]
Get:337 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 node-promise-retry all 2.0.1-2 [5010 B]
Get:338 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 node-promzard all 0.3.0-2 [6888 B]
Get:339 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 node-set-blocking all 2.0.0-2 [3766 B]
Get:340 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 node-slash all 3.0.0-2 [3922 B]
Get:341 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 libjs-source-map all 0.7.0+~dfsg2+really.0.6.1-9 [93.9 kB]
Get:342 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 node-source-map all 0.7.0+~dfsg2+really.0.6.1-9 [33.6 kB]
Get:343 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 node-source-map-support all 0.5.21+~ds+~0.5.4-1 [14.2 kB]
Get:344 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 node-spx-license-ids all 3.0.11-1 [7306 B]
```



```
ubuntu@ip-172-31-61-45: ~$ sudo dpkg --get-selections | grep -v install | xargs dpkg --purge
Setting up node-coveralls (3.1.1-1) ...
Setting up libwww-perl (6.61-1) ...
Setting up adwaita-icon-theme (41.0-1ubuntu1) ...
update-alternatives: using /usr/share/icons/Adwaita/cursor.theme to provide /usr/share/icons/default/index.theme (x-cursor-theme) in auto mode
Setting up liblwp-protocol-https-perl (6.10-1) ...
Setting up libxml-parser-perl:amd64 (2.46-3build1) ...
Setting up libxml-twig-perl (1:3.52-1) ...
Setting up libnet-dbus-perl (1.2.0-1build3) ...
Setting up humanity-icon-theme (0.6.16) ...
Setting up ubuntu-mono (20.10-0ubuntu2) ...
Processing triggers for man-db (2.10.2-1) ...

Processing triggers for libgl1:amd64 (2.72.4-0ubuntu1) ...#####
Setting up libgtk-3-0:amd64 (3.24.33-1ubuntu2) ...
Processing triggers for libc-bin (2.35-0ubuntu3.1) ...
Setting up libgtk-3-bin (3.24.33-1ubuntu2) ...
Setting up libvte-2.91-0:amd64 (0.68.0-1) ...
Setting up libvte-2-0:amd64 (3.10.0-1ubuntu1) ...
Setting up at-spi2-core (2.44.0-3) ...
Setting up libgtk-3-0:amd64 (3.10.0-1ubuntu1) ...
Setting up tilix (1.9.4-2build1) ...
update-alternatives: using /usr/bin/tilix.wrapper to provide /usr/bin/x-terminal-emulator (x-terminal-emulator) in auto mode
Processing triggers for libgdk-pixbuf-2.0-0:amd64 (2.42.8+dfsg-1ubuntu0.2) ...
Processing triggers for libc-bin (2.35-0ubuntu3.1) ...
Scanning processes...
Scanning linux images...

Running kernel seems to be up-to-date.

No services need to be restarted.

No containers need to be restarted.

No user sessions are running outdated binaries.

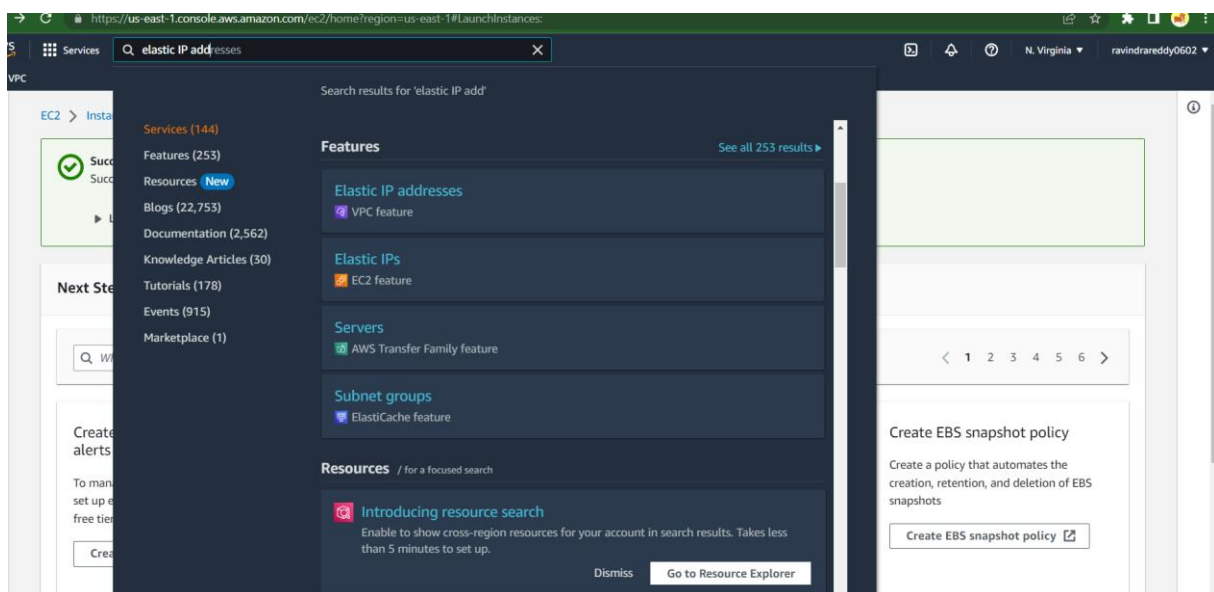
No VM guests are running outdated hypervisor (qemu) binaries on this host.
ubuntu@ip-172-31-61-45:~$
```

Step 10: check the status of node js by using node -v command.

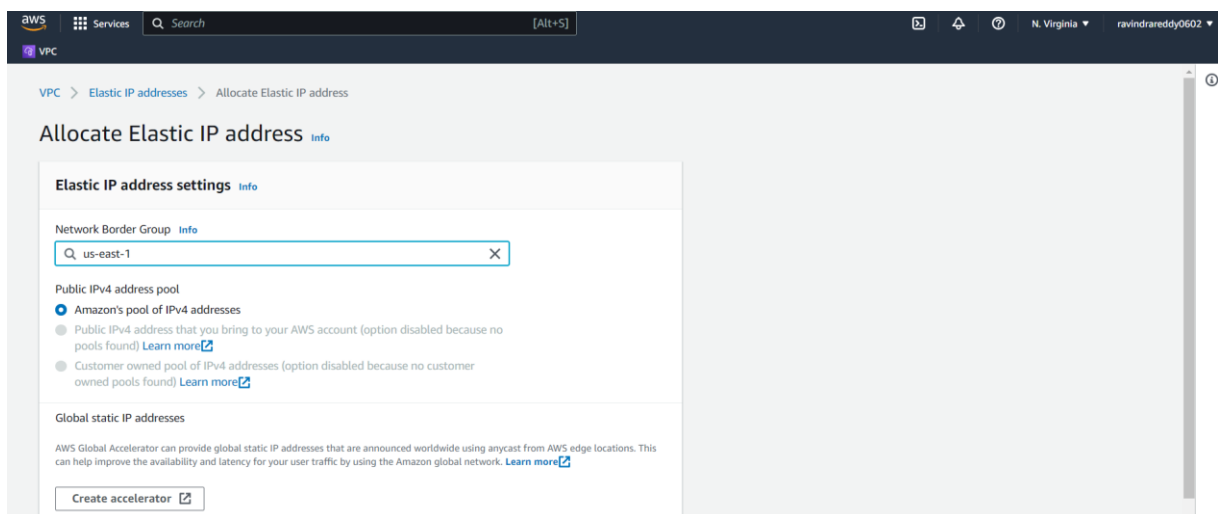
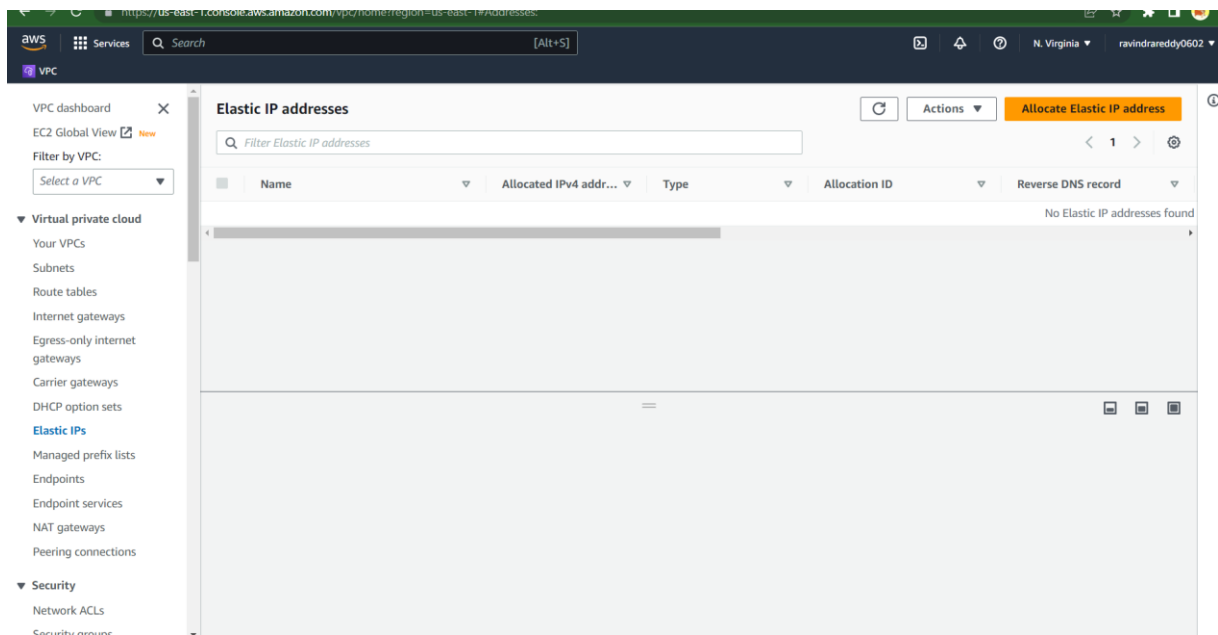
```
ubuntu@ip-172-31-61-45:~$ node -v
v12.22.9
ubuntu@ip-172-31-61-45:~$
```

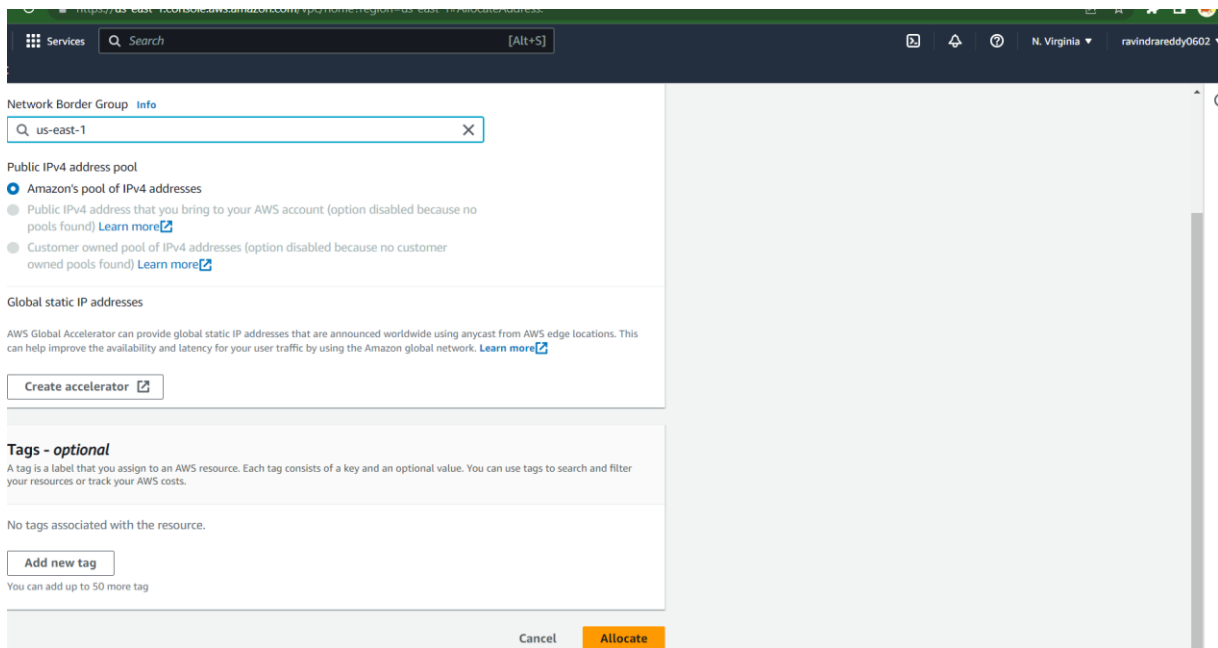
Configuring Elastic ip address:

1.select the Elastic Ip address and click on allocate Ip address.

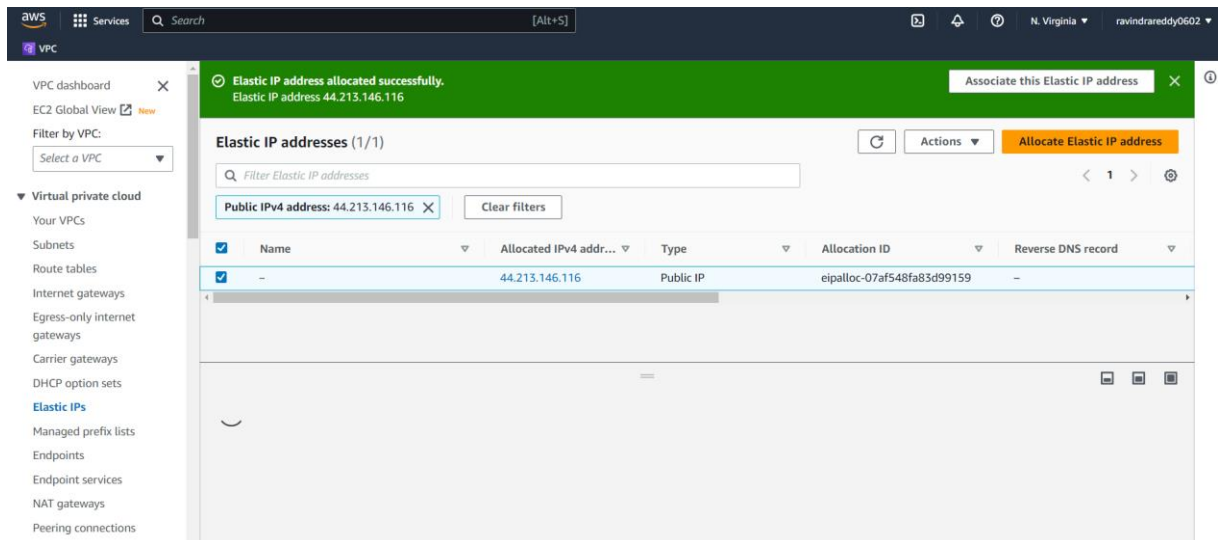


2. Add the tags to the elastic ip and click allocate





3.Now click on associate this elastic ip address and select the instance.



4.Give the Private IP address.

aws Services Search [Alt+S] N. Virginia ravindrareddy0602

VPC > Elastic IP addresses > Associate Elastic IP address

Associate Elastic IP address [info](#)

Choose the instance or network interface to associate to this Elastic IP address (44.213.146.116)

Elastic IP address: 44.213.146.116

Resource type
Choose the type of resource with which to associate the Elastic IP address.

☒ Instance
☐ Network interface

⚠ If you associate an Elastic IP address with an instance that already has an Elastic IP address associated, the previously associated Elastic IP address will be disassociated, but the address will still be allocated to your account. [Learn more](#)

If no private IP address is specified, the Elastic IP address will be associated with the primary private IP address.

Instance

✕ 🔄

Private IP address
The private IP address with which to associate the Elastic IP address.

5.Go to instance summary page, there we can find allocated IP addresses.

aws Services Search [Alt+S] N. Virginia ravindrareddy0602

VPC

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EC2 Global View
Events
Tags
Limits

▼ Instances

- Instances
- Instance Types
- Launch Templates
- Spot Requests
- Savings Plans
- Reserved Instances
- Dedicated Hosts
- Scheduled Instances
- Capacity Reservations

▼ Images

- AMIs
- AMI Catalog

▼ Elastic Block Store

Instances (1/1) [info](#)

Find instance by attribute or tag (case-sensitive)

<input checked="" type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DN
<input checked="" type="checkbox"/>	Ubuntu_instance	i-0c2e6f840324d3403	Running	t2.micro	2/2 checks passed	No alarms	us-east-1b	-

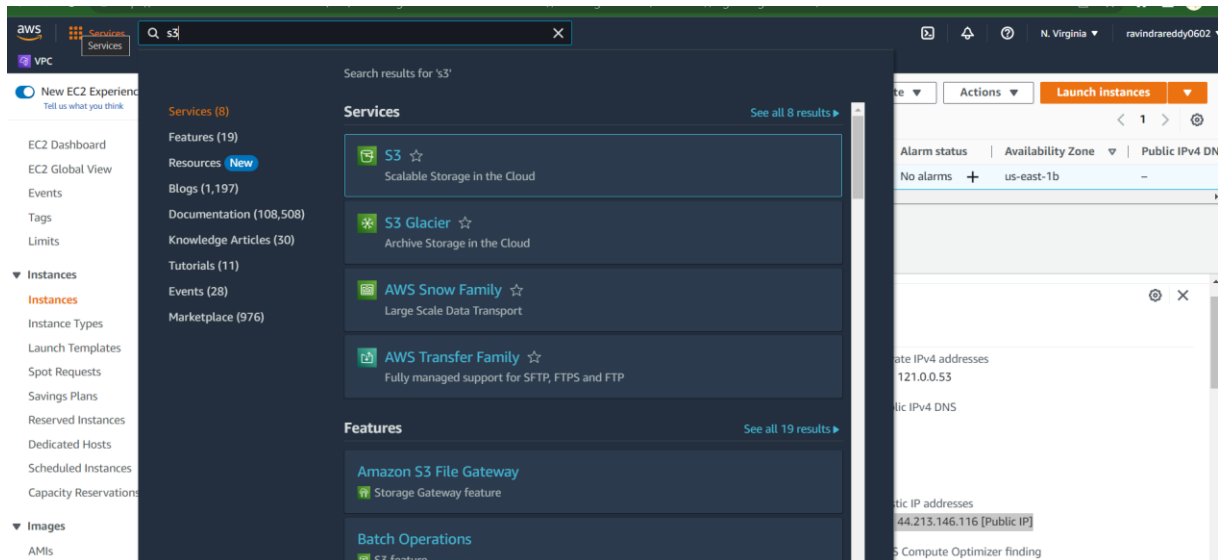
Instance: i-0c2e6f840324d3403 (Ubuntu_instance)

▼ Instance summary [info](#)

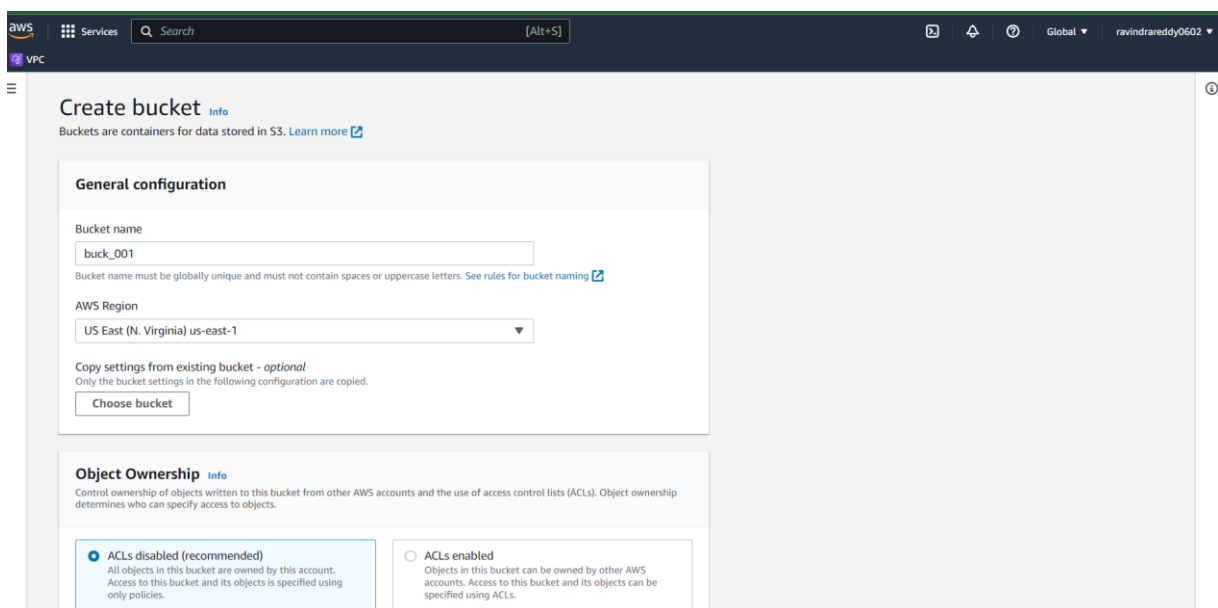
Instance ID i-0c2e6f840324d3403 (Ubuntu_instance)	Public IPv4 address 44.213.146.116 open address	Private IPv4 addresses 121.0.0.53
IPv6 address -	Instance state Running	Public IPv4 DNS -
Hostname type IP name: ip-121-0-0-53.ec2.internal	Private IP DNS name (IPv4 only) ip-121-0-0-53.ec2.internal	Elastic IP addresses 44.213.146.116 [Public IP]
Answer private resource DNS name IPv4 (A)	Instance type t2.micro	AWS Compute Optimizer finding Opt-in to AWS Compute Optimizer for recommendations. Learn more
Auto-assigned IP address -	VPC ID vpc-07b630f4105201cc2 (VPC001)	

Create an S3 Bucket and upload an object to it and show the object URL for Reference.

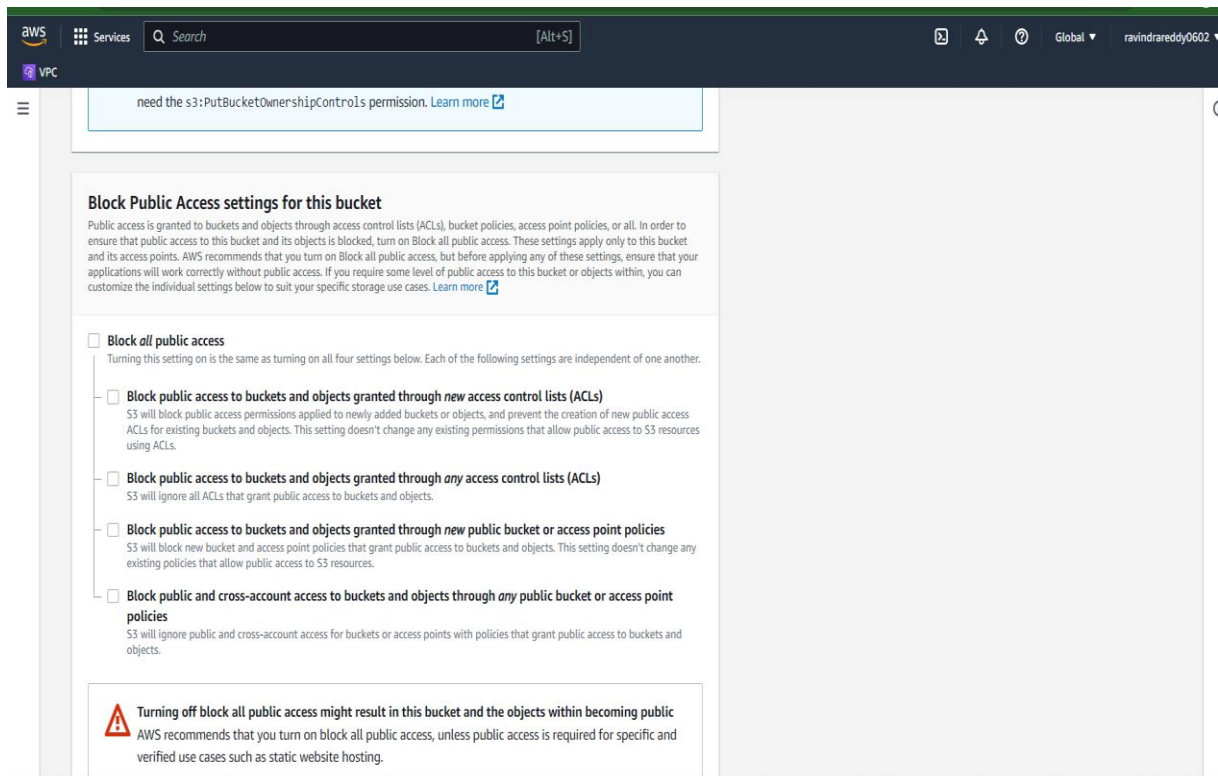
1.Go to service and select S3.



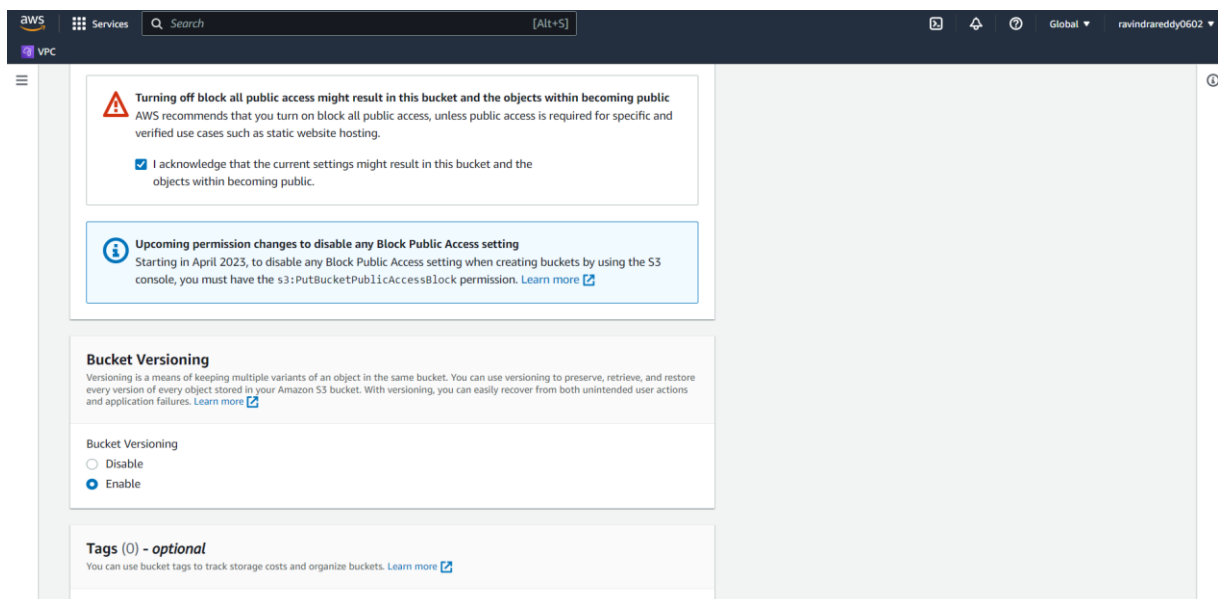
2.click on create bucket and give the name of the bucket.



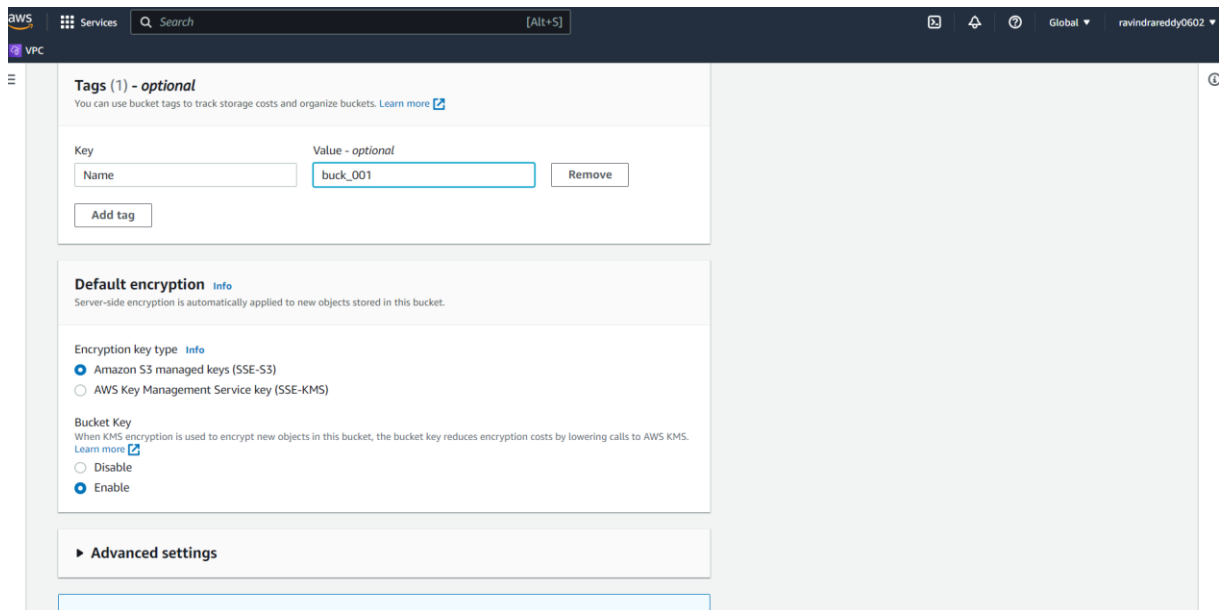
3.Now unmark “block all public access”



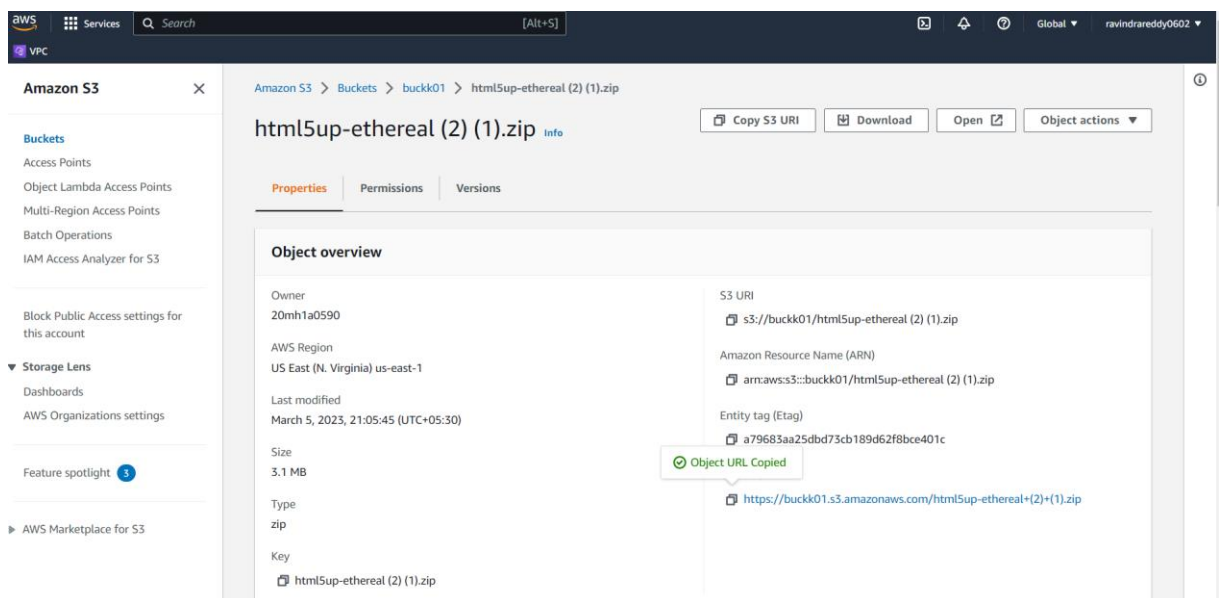
5. Enable the caution and also enable bucket versioning.



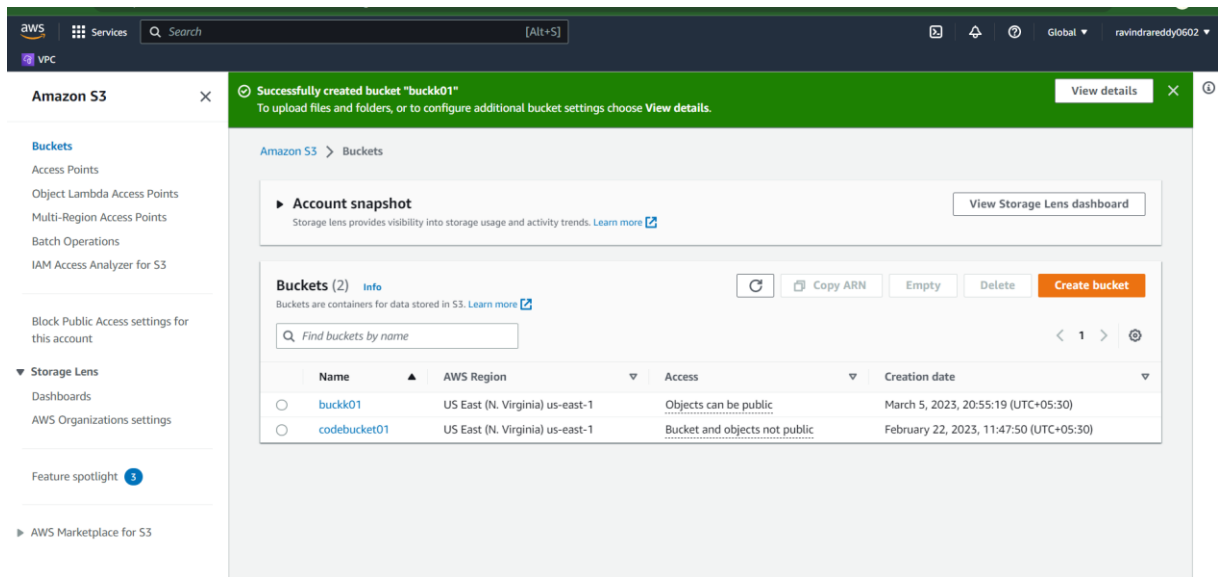
6. Add the tags and click on create bucket.



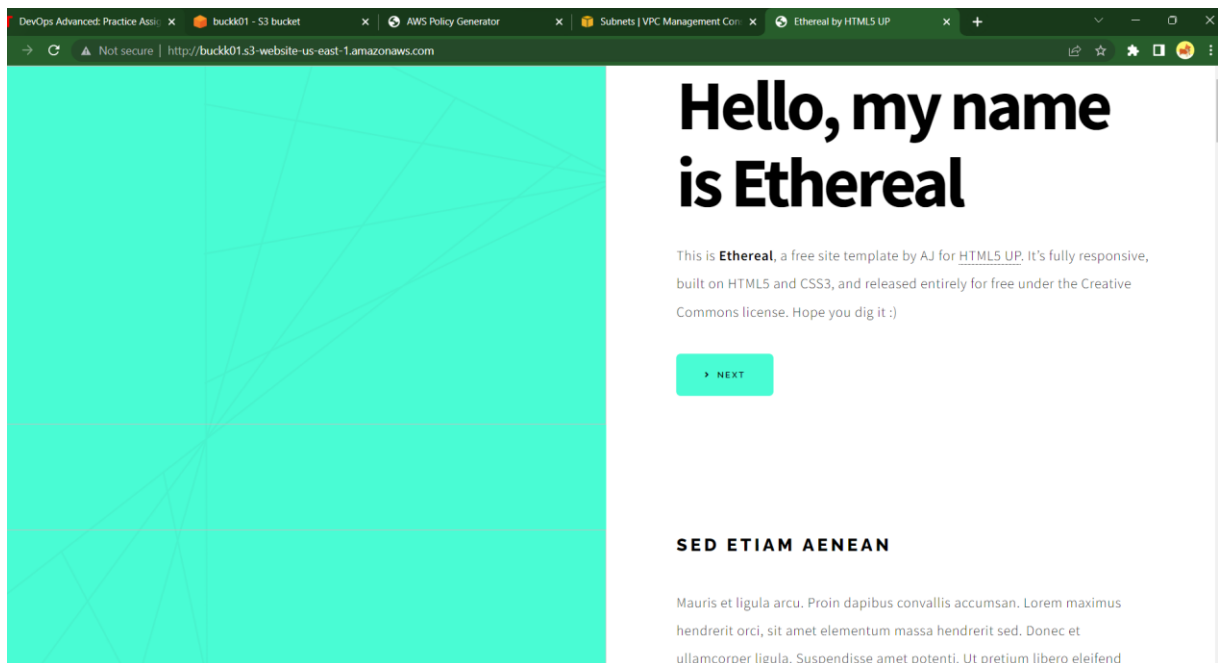
7. Now upload the required and folders . Click on upload.



8. Now enable the static web hosting.



*In the static web hosting we can find the URL. Now copy and paste the URL in the browser.



*The object reference Url is

<http://buckk01.s3-website-us-east-1.amazonaws.com>

