**2.Create an EC2 instance for a reactjs application and deploy the application and provide the public ip for it,also enable the cloud monitoring on this instance.**

## ▼ Network settings  Info

**VPC - required** Info

vpc-0659d6bd8d4f1f217 (default)
172.31.0.0/16

**Subnet** Info

No preference

Create new subnet ☑

**Auto-assign public IP** Info

Enable

**Firewall (security groups)** Info

A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.

● Create security group        ○ Select existing security group

### ▼ Summary

**Number of instances** Info

1

**Software Image (AMI)**
Amazon Linux 2 Kernel 5.10 AMI...read more
ami-030cf0a1edb8636ab

**Virtual server type (instance type)**
t2.micro

**Firewall (security group)**
New security group

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

---

**Firewall (security groups)** Info

A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.

● Create security group        ○ Select existing security group

**Security group name - required**

all_traffic

This security group will be added to all network interfaces. The name can't be edited after the security group is created. Max length is 255 characters. Valid characters: a-z, A-Z, 0-9, spaces, and ._-:/()#,@[]+=&;{}!$*

**Description - required** Info

launch-wizard-3 created 2023-03-22T10:51:58.704Z

**Inbound security groups rules**

▼ Security group rule 1 (All, All, 0.0.0.0/0)                    [Remove]

**Type** Info
All traffic

**Protocol** Info
All

**Port range** Info
All

**Source type** Info
Anywhere

**Source** Info
Add CIDR, prefix list or security

**Description - optional** Info
e.g. SSH for admin desktop

0.0.0.0/0 ✕

⚠ Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.                    ✕

### ▼ Summary

**Number of instances** Info

1

**Software Image (AMI)**
Amazon Linux 2 Kernel 5.10 AMI...read more
ami-030cf0a1edb8636ab

**Virtual server type (instance type)**
t2.micro

**Firewall (security group)**
New security group

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

ⓘ **Free tier:** In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is unavailable) instance usage on free tier AMIs per month, 30 GiB of EBS storage, 2 million IOs, 1 GB of      ✕

Cancel                    **Launch instance**

---

Anywhere        Add CIDR, prefix list or security        e.g. SSH for admin desktop

0.0.0.0/0 ✕

⚠ Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.                    ✕

[Add security group rule]

## ▼ Configure storage  Info                    Advanced

1x   8   GiB   gp2        Root volume  (Not encrypted)

ⓘ Free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage        ✕

[Add new volume]

0 x File systems                    Edit

▶ Advanced details  Info

### ▼ Summary

**Number of instances** Info

1

**Software Image (AMI)**
Amazon Linux 2 Kernel 5.10 AMI...read more
ami-030cf0a1edb8636ab

**Virtual server type (instance type)**
t2.micro

**Firewall (security group)**
New security group

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

ⓘ **Free tier:** In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is unavailable) instance usage on free tier AMIs per month, 30 GiB of EBS storage, 2 million IOs, 1 GB of

Cancel                    **Launch instance**

---

EC2 > Instances > Launch an instance

✓ **Success**
Successfully initiated launch of instance (i-0155002099f5a033f)

▼ **Launch log**

| | |
|---|---|
| Initializing requests | Succeeded |
| Creating security groups | Succeeded |
| Creating security group rules | Succeeded |
| Launch initiation | Succeeded |

**New EC2 Experience**
Tell us what you think ✕

EC2 Dashboard
EC2 Global View
Events
Tags
Limits

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

▼ Images
   AMIs
   AMI Catalog

▼ Elastic Block Store

**Instances (1/5) Info**    Connect ❘ Instance state ▾ ❘ Actions ▾ ❘ **Launch instances** ▾

Q Find instance by attribute or tag (case-sensitive)
〈 1 〉 ⚙

| | Name ▾ | Instance ID | Instance state ▾ | Instance type ▾ | Status check | Alarm status | Availability Zone ▾ | Public IPv4 DNS ▾ |
|---|---|---|---|---|---|---|---|---|
| ☐ | reactjs | i-0cd6f2664a94ba9dd | ⊘ Running ⊕⊖ | t2.micro | ⊘ 2/2 checks passed | No alarms ➕ | ap-northeast-1c | ec2-43-207-194-136.ap... |
| ☑ | react_app | i-0155002099f5a033f | ⊘ Running ⊕⊖ | t2.micro | ⊘ Initializing | No alarms ➕ | ap-northeast-1c | ec2-13-231-141-164.ap... |

**Instance: i-0155002099f5a033f (react_app)** ⚙ ✕

**Details** ❘ Security ❘ Networking ❘ Storage ❘ Status checks ❘ Monitoring ❘ Tags

▼ Instance summary Info

Instance ID
📋 i-0155002099f5a033f (react_app)

IPv6 address
–

Hostname type
IP name: ip-172-31-3-190.ap-northeast-1.compute.internal

Answer private resource DNS name

Public IPv4 address
📋 13.231.141.164 | open address 🔗

Instance state
⊘ Running

Private IP DNS name (IPv4 only)
📋 ip-172-31-3-190.ap-northeast-1.compute.internal

Instance type

Private IPv4 addresses
📋 172.31.3.190

Public IPv4 DNS
📋 ec2-13-231-141-164.ap-northeast-1.compute.amazonaws.com | open address 🔗

Elastic IP addresses

---

```
    _|  _|  )
   _|  (  _/   Amazon Linux 2 AMI
   ___|\___|___|

https://aws.amazon.com/amazon-linux-2/
10 package(s) needed for security, out of 11 available
Run "sudo yum update" to apply all updates.
[ec2-user@ip-172-31-3-190 ~]$ sudo yum update
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
Resolving Dependencies
--> Running transaction check
---> Package kernel.x86_64 0:5.10.173-154.642.amzn2 will be installed
---> Package libxml2.x86_64 0:2.9.1-6.amzn2.5.6 will be updated
---> Package libxml2.x86_64 0:2.9.1-6.amzn2.5.7 will be an update
---> Package libxml2-python.x86_64 0:2.9.1-6.amzn2.5.6 will be updated
---> Package libxml2-python.x86_64 0:2.9.1-6.amzn2.5.7 will be an update
---> Package mtr.x86_64 2:0.92-2.amzn2 will be updated
---> Package mtr.x86_64 2:0.92-2.amzn2.0.1 will be an update
---> Package python3.x86_64 0:3.7.16-1.amzn2.0.1 will be updated
---> Package python3.x86_64 0:3.7.16-1.amzn2.0.2 will be an update
---> Package python3-libs.x86_64 0:3.7.16-1.amzn2.0.1 will be updated
---> Package python3-libs.x86_64 0:3.7.16-1.amzn2.0.2 will be an update
---> Package vim-common.x86_64 2:9.0.1314-1.amzn2.0.1 will be updated
---> Package vim-common.x86_64 2:9.0.1367-1.amzn2.0.1 will be an update
---> Package vim-data.noarch 2:9.0.1314-1.amzn2.0.1 will be updated
---> Package vim-data.noarch 2:9.0.1367-1.amzn2.0.1 will be an update
---> Package vim-enhanced.x86_64 2:9.0.1314-1.amzn2.0.1 will be updated
---> Package vim-enhanced.x86_64 2:9.0.1367-1.amzn2.0.1 will be an update
---> Package vim-filesystem.noarch 2:9.0.1314-1.amzn2.0.1 will be updated
```

i-0155002099f5a033f (react_app)    ✕
PublicIPs: 13.231.141.164   PrivateIPs: 172.31.3.190

---

```
---> Package vim-enhanced.x86_64 2:9.0.1314-1.amzn2.0.1 will be updated
---> Package vim-enhanced.x86_64 2:9.0.1367-1.amzn2.0.1 will be an update
---> Package vim-filesystem.noarch 2:9.0.1314-1.amzn2.0.1 will be updated
---> Package vim-filesystem.noarch 2:9.0.1367-1.amzn2.0.1 will be an update
---> Package vim-minimal.x86_64 2:9.0.1314-1.amzn2.0.1 will be updated
---> Package vim-minimal.x86_64 2:9.0.1367-1.amzn2.0.1 will be an update
--> Finished Dependency Resolution

Dependencies Resolved

================================================================================
 Package              Arch        Version                   Repository      Size
================================================================================
Installing:
 kernel               x86_64      5.10.173-154.642.amzn2    amzn2extra-kernel-5.10  33 M
Updating:
 libxml2              x86_64      2.9.1-6.amzn2.5.7         amzn2-core      661 k
 libxml2-python       x86_64      2.9.1-6.amzn2.5.7         amzn2-core      246 k
 mtr                  x86_64      2:0.92-2.amzn2.0.1        amzn2-core       89 k
 python3              x86_64      3.7.16-1.amzn2.0.2        amzn2-core       72 k
 python3-libs         x86_64      3.7.16-1.amzn2.0.2        amzn2-core      9.8 M
 vim-common           x86_64      2:9.0.1367-1.amzn2.0.1    amzn2-core      7.9 M
 vim-data             noarch      2:9.0.1367-1.amzn2.0.1    amzn2-core       79 k
 vim-enhanced         x86_64      2:9.0.1367-1.amzn2.0.1    amzn2-core      1.6 M
 vim-filesystem       noarch      2:9.0.1367-1.amzn2.0.1    amzn2-core       73 k
 vim-minimal          x86_64      2:9.0.1367-1.amzn2.0.1    amzn2-core      742 k

Transaction Summary
================================================================================
Install   1 Package
```

i-0155002099f5a033f (react_app)    ✕
PublicIPs: 13.231.141.164   PrivateIPs: 172.31.3.190

```
===============================================================================================
Install   1 Package
Upgrade  10 Packages

Total download size: 54 M
Is this ok [y/d/N]: y
Downloading packages:
Delta RPMs disabled because /usr/bin/applydeltarpm not installed.
(1/11): libxml2-python-2.9.1-6.amzn2.5.7.x86_64.rpm                              | 246 kB  00:00:00
(2/11): libxml2-2.9.1-6.amzn2.5.7.x86_64.rpm                                     | 661 kB  00:00:00
(3/11): mtr-0.92-2.amzn2.0.1.x86_64.rpm                                          |  89 kB  00:00:00
(4/11): python3-3.7.16-1.amzn2.0.2.x86_64.rpm                                    |  72 kB  00:00:00
(5/11): vim-common-9.0.1367-1.amzn2.0.1.x86_64.rpm                               | 7.9 MB  00:00:00
(6/11): vim-data-9.0.1367-1.amzn2.0.1.noarch.rpm                                 |  79 kB  00:00:00
(7/11): vim-enhanced-9.0.1367-1.amzn2.0.1.x86_64.rpm                             | 1.6 MB  00:00:00
(8/11): python3-libs-3.7.16-1.amzn2.0.2.x86_64.rpm                               | 9.8 MB  00:00:00
(9/11): vim-filesystem-9.0.1367-1.amzn2.0.1.noarch.rpm                           |  73 kB  00:00:00
(10/11): vim-minimal-9.0.1367-1.amzn2.0.1.x86_64.rpm                             | 742 kB  00:00:00
(11/11): kernel-5.10.173-154.642.amzn2.x86_64.rpm                                |  33 MB  00:00:00
-----------------------------------------------------------------------------------------------
Total                                                                  67 MB/s |  54 MB  00:00:00
Running transaction check
Running transaction test
Transaction test succeeded
Running transaction
  Updating   : 2:vim-data-9.0.1367-1.amzn2.0.1.noarch                                      1/21
  Updating   : python3-libs-3.7.16-1.amzn2.0.2.x86_64                                      2/21
  Updating   : python3-3.7.16-1.amzn2.0.2.x86_64                                           3/21
  Updating   : libxml2-2.9.1-6.amzn2.5.7.x86_64                                            4/21
  Updating   : 2:vim-filesystem-9.0.1367-1.amzn2.0.1.noarch                                5/21
```

i-0155002099f5a033f (react_app)                                                              ✕

PublicIPs: 13.231.141.164   PrivateIPs: 172.31.3.190

```
  Updating   : 2:mtr-0.92-2.amzn2.0.1.x86_64                                              10/21
  Installing : kernel-5.10.173-154.642.amzn2.x86_64                                       11/21
  Cleanup    : python3-libs-3.7.16-1.amzn2.0.1.x86_64                                     12/21
  Cleanup    : python3-3.7.16-1.amzn2.0.1.x86_64                                          13/21
  Cleanup    : 2:vim-minimal-9.0.1314-1.amzn2.0.1.x86_64                                  14/21
  Cleanup    : libxml2-python-2.9.1-6.amzn2.5.6.x86_64                                    15/21
  Cleanup    : 2:vim-enhanced-9.0.1314-1.amzn2.0.1.x86_64                                 16/21
  Cleanup    : 2:vim-common-9.0.1314-1.amzn2.0.1.x86_64                                   17/21
  Cleanup    : 2:vim-data-9.0.1314-1.amzn2.0.1.noarch                                     18/21
  Cleanup    : 2:vim-filesystem-9.0.1314-1.amzn2.0.1.noarch                               19/21
  Cleanup    : libxml2-2.9.1-6.amzn2.5.6.x86_64                                           20/21
  Cleanup    : 2:mtr-0.92-2.amzn2.x86_64                                                  21/21
  Verifying  : python3-3.7.16-1.amzn2.0.2.x86_64                                           1/21
  Verifying  : 2:vim-common-9.0.1367-1.amzn2.0.1.x86_64                                    2/21
  Verifying  : 2:vim-filesystem-9.0.1367-1.amzn2.0.1.noarch                               3/21
  Verifying  : kernel-5.10.173-154.642.amzn2.x86_64                                        4/21
  Verifying  : 2:vim-enhanced-9.0.1367-1.amzn2.0.1.x86_64                                  5/21
  Verifying  : python3-libs-3.7.16-1.amzn2.0.2.x86_64                                      6/21
  Verifying  : libxml2-python-2.9.1-6.amzn2.5.7.x86_64                                     7/21
  Verifying  : 2:vim-minimal-9.0.1367-1.amzn2.0.1.x86_64                                   8/21
  Verifying  : 2:mtr-0.92-2.amzn2.0.1.x86_64                                               9/21
  Verifying  : 2:vim-data-9.0.1367-1.amzn2.0.1.noarch                                     10/21
  Verifying  : libxml2-2.9.1-6.amzn2.5.7.x86_64                                           11/21
  Verifying  : libxml2-python-2.9.1-6.amzn2.5.6.x86_64                                    12/21
  Verifying  : 2:vim-filesystem-9.0.1314-1.amzn2.0.1.noarch                               13/21
  Verifying  : 2:vim-minimal-9.0.1314-1.amzn2.0.1.x86_64                                  14/21
  Verifying  : 2:vim-common-9.0.1314-1.amzn2.0.1.x86_64                                   15/21
  Verifying  : libxml2-2.9.1-6.amzn2.5.6.x86_64                                           16/21
  Verifying  : 2:vim-enhanced-9.0.1314-1.amzn2.0.1.x86_64                                 17/21
  Verifying  : python3-libs-3.7.16-1.amzn2.0.1.x86_64                                     18/21
```

```
  Verifying  : 2:mtr-0.92-2.amzn2.x86_64                                                  20/21
  Verifying  : python3-3.7.16-1.amzn2.0.1.x86_64                                          21/21

Installed:
  kernel.x86_64 0:5.10.173-154.642.amzn2

Updated:
  libxml2.x86_64 0:2.9.1-6.amzn2.5.7           libxml2-python.x86_64 0:2.9.1-6.amzn2.5.7   mtr.x86_64 2:0.92-2.amzn2.0.1      python3.x86_64 0:3.7.16-1.amzn2.0.2
  python3-libs.x86_64 0:3.7.16-1.amzn2.0.2     vim-common.x86_64 2:9.0.1367-1.amzn2.0.1    vim-data.noarch 2:9.0.1367-1.amzn2.0.1   vim-enhanced.x86_64 2:9.0.1367-1.amzn2.0.1
  vim-filesystem.noarch 2:9.0.1367-1.amzn2.0.1  vim-minimal.x86_64 2:9.0.1367-1.amzn2.0.1

Complete!
[ec2-user@ip-172-31-3-190 ~]$ sudo yum install node. js
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
No package node. available.
Resolving Dependencies
--> Running transaction check
---> Package js.x86_64 1:1.8.5-20.amzn2 will be installed
--> Finished Dependency Resolution

Dependencies Resolved

==================================================================================================
 Package           Arch              Version                  Repository              Size
==================================================================================================
Installing:
 js                x86_64            1:1.8.5-20.amzn2          amzn2-core             2.4 M

Transaction Summary
```

i-0155002099f5a033f (react_app)                                                              ✕

PublicIPs: 13.231.141.164   PrivateIPs: 172.31.3.190

```
Transaction Summary
================================================================================
Install  1 Package

Total download size: 2.4 M
Installed size: 7.0 M
Is this ok [y/d/N]: y
Downloading packages:
js-1.8.5-20.amzn2.x86_64.rpm                                    | 2.4 MB  00:00:00
Running transaction check
Running transaction test
Transaction test succeeded
Running transaction
  Installing : 1:js-1.8.5-20.amzn2.x86_64                                    1/1
  Verifying  : 1:js-1.8.5-20.amzn2.x86_64                                    1/1

Installed:
  js.x86_64 1:1.8.5-20.amzn2

Complete!
[ec2-user@ip-172-31-3-190 ~]$ yum install --lts
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
Usage: yum [options] COMMAND

List of Commands:

check          Check for problems in the rpmdb
check-update   Check for available package updates
clean          Remove cached data
deplist        List a package's dependencies
```

i-0155002099f5a033f (react_app)                                          ✕

PublicIPs: 13.231.141.164   PrivateIPs: 172.31.3.190

```
distribution-synchronization Synchronize installed packages to the latest available versions
downgrade         downgrade a package
erase             Remove a package or packages from your system
fs                Acts on the filesystem data of the host, mainly for removing docs/lanuages for minimal hosts.
fssnapshot        Creates filesystem snapshots, or lists/deletes current snapshots.
groups            Display, or use, the groups information
help              Display a helpful usage message
history           Display, or use, the transaction history
info              Display details about a package or group of packages
install           Install a package or packages on your system
langavailable     Check available languages
langinfo          List languages information
langinstall       Install appropriate language packs for a language
langlist          List installed languages
langremove        Remove installed language packs for a language
list              List a package or groups of packages
load-transaction  load a saved transaction from filename
makecache         Generate the metadata cache
provides          Find what package provides the given value
reinstall         reinstall a package
repo-pkgs         Treat a repo. as a group of packages, so we can install/remove all of them
repolist          Display the configured software repositories
search            Search package details for the given string
shell             Run an interactive yum shell
swap              Simple way to swap packages, instead of using shell
update            Update a package or packages on your system
update-minimal    Works like upgrade, but goes to the 'newest' package match which fixes a problem that affects your system
updateinfo        Acts on repository update information
upgrade           Update packages taking obsoletes into account
version           Display a version for the machine and/or available repos.
```

i-0155002099f5a033f (react_app)                                          ✕

PublicIPs: 13.231.141.164   PrivateIPs: 172.31.3.190

```
updateinfo      Acts on repository update information
upgrade         Update packages taking obsoletes into account
version         Display a version for the machine and/or available repos.


Command line error: no such option: --lts
[ec2-user@ip-172-31-3-190 ~]$ curl -o- https://raw.githubusercontent.com/nvm-sh/nvm/v0.39.3/install.sh | bash
  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
                                 Dload  Upload   Total   Spent    Left  Speed
100 15916  100 15916    0     0   387k      0 --:--:-- --:--:-- --:--:--  388k
=> Downloading nvm as script to '/home/ec2-user/.nvm'

=> Appending nvm source string to /home/ec2-user/.bashrc
=> Appending bash_completion source string to /home/ec2-user/.bashrc
=> Close and reopen your terminal to start using nvm or run the following to use it now:

export NVM_DIR="$HOME/.nvm"
[ -s "$NVM_DIR/nvm.sh" ] && \. "$NVM_DIR/nvm.sh"  # This loads nvm
[ -s "$NVM_DIR/bash_completion" ] && \. "$NVM_DIR/bash_completion"  # This loads nvm bash_completion
[ec2-user@ip-172-31-3-190 ~]$ . ~/.nvm/nvm.sh
[ec2-user@ip-172-31-3-190 ~]$ nvm install --lts
Installing latest LTS version.
Downloading and installing node v18.15.0...
Downloading https://nodejs.org/dist/v18.15.0/node-v18.15.0-linux-x64.tar.xz...
#################################################################################################################### 100.0%
Computing checksum with sha256sum
Checksums matched!
Now using node v18.15.0 (npm v)
Creating default alias: default -> lts/* (-> v18.15.0)
[ec2-user@ip-172-31-3-190 ~]$ nvm install 16
```

i-0155002099f5a033f (react_app)                                          ✕

PublicIPs: 13.231.141.164   PrivateIPs: 172.31.3.190

```
Now using node v18.15.0 (npm v)
Creating default alias: default -> lts/* (-> v18.15.0)
[ec2-user@ip-172-31-3-190 ~]$ nvm install 16
Downloading and installing node v16.19.1...
Downloading https://nodejs.org/dist/v16.19.1/node-v16.19.1-linux-x64.tar.xz...
################################################################################################################################### 100.0%
Computing checksum with sha256sum
Checksums matched!
Now using node v16.19.1 (npm v8.19.3)
[ec2-user@ip-172-31-3-190 ~]$ node --version
v16.19.1
[ec2-user@ip-172-31-3-190 ~]$ npx create-react-app myapp
Need to install the following packages:
  create-react-app@5.0.1
Ok to proceed? (y) y
npm WARN deprecated tar@2.2.2: This version of tar is no longer supported, and will not receive security updates. Please upgrade asap.

Creating a new React app in /home/ec2-user/myapp.

Installing packages. This might take a couple of minutes.
Installing react, react-dom, and react-scripts with cra-template...


added 1419 packages in 1m

231 packages are looking for funding
  run `npm fund` for details
Git repo not initialized Error: Command failed: git --version
    at checkExecSyncError (node:child_process:861:11)
    at execSync (node:child_process:932:15)
```

i-0155002099f5a033f (react_app)                                                    ✕

PublicIPs: 13.231.141.164  PrivateIPs: 172.31.3.190

```
[ec2-user@ip-172-31-3-190 ~]$ sudo yum install git
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
amzn2-core                                                                                                        | 3.7 kB  00:00:00
Resolving Dependencies
--> Running transaction check
---> Package git.x86_64 0:2.39.2-1.amzn2.0.1 will be installed
--> Processing Dependency: perl-Git = 2.39.2-1.amzn2.0.1 for package: git-2.39.2-1.amzn2.0.1.x86_64
--> Processing Dependency: git-core-doc = 2.39.2-1.amzn2.0.1 for package: git-2.39.2-1.amzn2.0.1.x86_64
--> Processing Dependency: git-core = 2.39.2-1.amzn2.0.1 for package: git-2.39.2-1.amzn2.0.1.x86_64
--> Processing Dependency: perl(Term::ReadKey) for package: git-2.39.2-1.amzn2.0.1.x86_64
--> Processing Dependency: perl(Git::I18N) for package: git-2.39.2-1.amzn2.0.1.x86_64
--> Processing Dependency: perl(Git) for package: git-2.39.2-1.amzn2.0.1.x86_64
--> Running transaction check
---> Package git-core.x86_64 0:2.39.2-1.amzn2.0.1 will be installed
---> Package git-core-doc.noarch 0:2.39.2-1.amzn2.0.1 will be installed
---> Package perl-Git.noarch 0:2.39.2-1.amzn2.0.1 will be installed
--> Processing Dependency: perl(Error) for package: perl-Git-2.39.2-1.amzn2.0.1.noarch
---> Package perl-TermReadKey.x86_64 0:2.30-20.amzn2.0.2 will be installed
--> Running transaction check
---> Package perl-Error.noarch 1:0.17020-2.amzn2 will be installed
--> Finished Dependency Resolution

Dependencies Resolved

================================================================================================================================
 Package                    Arch                  Version                       Repository                   Size
================================================================================================================================
Installing:
 git                        x86_64                2.39.2-1.amzn2.0.1            amzn2-core                   65 k
Installing for dependencies:
```

i-0155002099f5a033f (react_app)                                                    ✕

PublicIPs: 13.231.141.164  PrivateIPs: 172.31.3.190

```
 git-core-doc                     noarch         2.39.2-1.amzn2.0.1          amzn2-core         3.0 M
 perl-Error                       noarch         1:0.17020-2.amzn2           amzn2-core          32 k
 perl-Git                         noarch         2.39.2-1.amzn2.0.1          amzn2-core          41 k
 perl-TermReadKey                 x86_64         2.30-20.amzn2.0.2           amzn2-core          31 k

Transaction Summary
================================================================================================================================
Install  1 Package (+5 Dependent packages)

Total download size: 12 M
Installed size: 43 M
Is this ok [y/d/N]: y
Downloading packages:
(1/6): git-2.39.2-1.amzn2.0.1.x86_64.rpm                                               |  65 kB  00:00:00
(2/6): git-core-2.39.2-1.amzn2.0.1.x86_64.rpm                                          | 8.8 MB  00:00:00
(3/6): git-core-doc-2.39.2-1.amzn2.0.1.noarch.rpm                                      | 3.0 MB  00:00:00
(4/6): perl-Error-0.17020-2.amzn2.noarch.rpm                                           |  32 kB  00:00:00
(5/6): perl-Git-2.39.2-1.amzn2.0.1.noarch.rpm                                          |  41 kB  00:00:00
(6/6): perl-TermReadKey-2.30-20.amzn2.0.2.x86_64.rpm                                   |  31 kB  00:00:00
--------------------------------------------------------------------------------------------------------------------------------
Total                                                                        41 MB/s |  12 MB  00:00:00
Running transaction check
Running transaction test
Transaction test succeeded
Running transaction
  Installing : git-core-2.39.2-1.amzn2.0.1.x86_64                                                    1/6
  Installing : git-core-doc-2.39.2-1.amzn2.0.1.noarch                                                2/6
  Installing : 1:perl-Error-0.17020-2.amzn2.noarch                                                   3/6
  Installing : perl-TermReadKey-2.30-20.amzn2.0.2.x86_64                                             4/6
  Installing : perl-Git-2.39.2-1.amzn2.0.1.noarch                                                    5/6
```

i-0155002099f5a033f (react_app)                                                    ✕

PublicIPs: 13.231.141.164  PrivateIPs: 172.31.3.190

```
Verifying   : perl-TermReadKey-2.30-20.amzn2.0.2.x86_64                                                     1/6
Verifying   : perl-Git-2.39.2-1.amzn2.0.1.noarch                                                            2/6
Verifying   : git-core-doc-2.39.2-1.amzn2.0.1.noarch                                                        3/6
Verifying   : git-core-2.39.2-1.amzn2.0.1.x86_64                                                            4/6
Verifying   : 1:perl-Error-0.17020-2.amzn2.noarch                                                           5/6
Verifying   : git-2.39.2-1.amzn2.0.1.x86_64                                                                 6/6

Installed:
  git.x86_64 0:2.39.2-1.amzn2.0.1

Dependency Installed:
  git-core.x86_64 0:2.39.2-1.amzn2.0.1      git-core-doc.noarch 0:2.39.2-1.amzn2.0.1      perl-Error.noarch 1:0.17020-2.amzn2      perl-Git.noarch 0:2.39.2-1.amzn2.0.1
  perl-TermReadKey.x86_64 0:2.30-20.amzn2.0.2

Complete!
[ec2-user@ip-172-31-3-190 ~]$ git clone https://github.com/snehal-herovired/Devops_Batch_Aditya
Cloning into 'Devops_Batch_Aditya'...
remote: Enumerating objects: 5485, done.
remote: Total 5485 (delta 0), reused 0 (delta 0), pack-reused 5485
Receiving objects: 100% (5485/5485), 452.67 MiB | 23.00 MiB/s, done.
Resolving deltas: 100% (736/736), done.
[ec2-user@ip-172-31-3-190 ~]$ ls
Devops_Batch_Aditya  myapp
[ec2-user@ip-172-31-3-190 ~]$ cd Devops_Batch_Aditya
[ec2-user@ip-172-31-3-190 Devops_Batch_Aditya]$ ls
amazonreact          cloud_computing.png       github.png        LearningGIt       nodejs         somelinuxcommand.png   virtualization.png
Amazon static webpage  CLoud introducttion.txt   Docker.txt        Jenkins.png       linuxCommand.txt  pythonflask    Untitled.png
ci-cd_bash_cron.png   DockerDesktop.png         Git and github.txt  leanring.txt      New Text Document.txt  sample.py    virtualization_linux.txt
[ec2-user@ip-172-31-3-190 Devops_Batch_Aditya]$ cd amazonreact
[ec2-user@ip-172-31-3-190 amazonreact]$ ls
```

i-0155002099f5a033f (react_app)                                                                                  ✕

PublicIPs: 13.231.141.164   PrivateIPs: 172.31.3.190

```
ci-cd_bash_cron.png    DockerDesktop.png       Git and github.txt  leanring.txt  New Text Document.txt  sample.py    virtualization_linux.txt
[ec2-user@ip-172-31-3-190 Devops_Batch_Aditya]$ cd amazonreact
[ec2-user@ip-172-31-3-190 amazonreact]$ ls
package.json  package-lock.json  public  README.md  src
[ec2-user@ip-172-31-3-190 amazonreact]$ npm run build

> amazonreact@0.1.0 build
> react-scripts build

sh: react-scripts: command not found
[ec2-user@ip-172-31-3-190 amazonreact]$ npm install
npm WARN old lockfile
npm WARN old lockfile The package-lock.json file was created with an old version of npm,
npm WARN old lockfile so supplemental metadata must be fetched from the registry.
npm WARN old lockfile
npm WARN old lockfile This is a one-time fix-up, please be patient...
npm WARN old lockfile
npm WARN deprecated stable@0.1.8: Modern JS already guarantees Array#sort() is a stable sort, so this library is deprecated. See the compatibility table on MDN: https://developer.mozilla.or
g/en-US/docs/Web/JavaScript/Reference/Global_Objects/Array/sort#browser_compatibility
npm WARN deprecated rollup-plugin-terser@7.0.2: This package has been deprecated and is no longer maintained. Please use @rollup/plugin-terser
npm WARN deprecated w3c-hr-time@1.0.2: Use your platform's native performance.now() and performance.timeOrigin.
npm WARN deprecated sourcemap-codec@1.4.8: Please use @jridgewell/sourcemap-codec instead
npm WARN deprecated svgo@1.3.2: This SVGO version is no longer supported. Upgrade to v2.x.x.

added 1469 packages, and audited 1470 packages in 37s

226 packages are looking for funding
  run `npm fund` for details

8 high severity vulnerabilities
```

i-0155002099f5a033f (react_app)                                                                                  ✕

PublicIPs: 13.231.141.164   PrivateIPs: 172.31.3.190

```
sh: react-scripts: command not found
[ec2-user@ip-172-31-3-190 amazonreact]$ npm install
npm WARN old lockfile
npm WARN old lockfile The package-lock.json file was created with an old version of npm,
npm WARN old lockfile so supplemental metadata must be fetched from the registry.
npm WARN old lockfile
npm WARN old lockfile This is a one-time fix-up, please be patient...
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npm WARN deprecated stable@0.1.8: Modern JS already guarantees Array#sort() is a stable sort, so this library is deprecated. See the compatibility table on MDN: https://developer.mozilla.or
g/en-US/docs/Web/JavaScript/Reference/Global_Objects/Array/sort#browser_compatibility
npm WARN deprecated rollup-plugin-terser@7.0.2: This package has been deprecated and is no longer maintained. Please use @rollup/plugin-terser
npm WARN deprecated w3c-hr-time@1.0.2: Use your platform's native performance.now() and performance.timeOrigin.
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added 1469 packages, and audited 1470 packages in 37s

226 packages are looking for funding
  run `npm fund` for details

8 high severity vulnerabilities

To address issues that do not require attention, run:
  npm audit fix

To address all issues (including breaking changes), run:
  npm audit fix --force

Run `npm audit` for details.
[ec2-user@ip-172-31-3-190 amazonreact]$
```

i-0155002099f5a033f (react_app)                                                                                  ✕

PublicIPs: 13.231.141.164   PrivateIPs: 172.31.3.190

```
npm WARN old lockfile This is a one-time fix-up, please be patient...
npm WARN old lockfile
npm WARN deprecated stable@0.1.8: Modern JS already guarantees Array#sort() is a stable sort, so this library is deprecated. See the compatibility table on MDN: https://developer.mozilla.or
g/en-US/docs/Web/JavaScript/Reference/Global_Objects/Array/sort#browser_compatibility
npm WARN deprecated rollup-plugin-terser@7.0.2: This package has been deprecated and is no longer maintained. Please use @rollup/plugin-terser
npm WARN deprecated w3c-hr-time@1.0.2: Use your platform's native performance.now() and performance.timeOrigin.
npm WARN deprecated sourcemap-codec@1.4.8: Please use @jridgewell/sourcemap-codec instead
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8 high severity vulnerabilities

To address issues that do not require attention, run:
  npm audit fix

To address all issues (including breaking changes), run:
  npm audit fix --force

Run `npm audit` for details.
[ec2-user@ip-172-31-3-190 amazonreact]$ npm run build

> amazonreact@0.1.0 build
> react-scripts build

Creating an optimized production build...
```

i-0155002099f5a033f (react_app)                                                                                                                                        ✕

PublicIPs: 13.231.141.164   PrivateIPs: 172.31.3.190

---

```
> amazonreact@0.1.0 build
> react-scripts build

Creating an optimized production build...
Compiled with warnings.

[eslint]
src/components/Subheader/Subheader.js
  Line 11:9:   'hoverstyle' is assigned a value but never used      no-unused-vars
  Line 15:11:  'handleHoverin' is assigned a value but never used   no-unused-vars
  Line 18:11:  'handleHoverout' is assigned a value but never used  no-unused-vars

Search for the keywords to learn more about each warning.
To ignore, add // eslint-disable-next-line to the line before.

File sizes after gzip:

  59.6 kB  build/static/js/main.5f8ae29d.js
  855 B    build/static/css/main.059d7354.css

The project was built assuming it is hosted at /.
You can control this with the homepage field in your package.json.

The build folder is ready to be deployed.
You may serve it with a static server:

  npm install -g serve
  serve -s build

Find out more about deployment here:
```
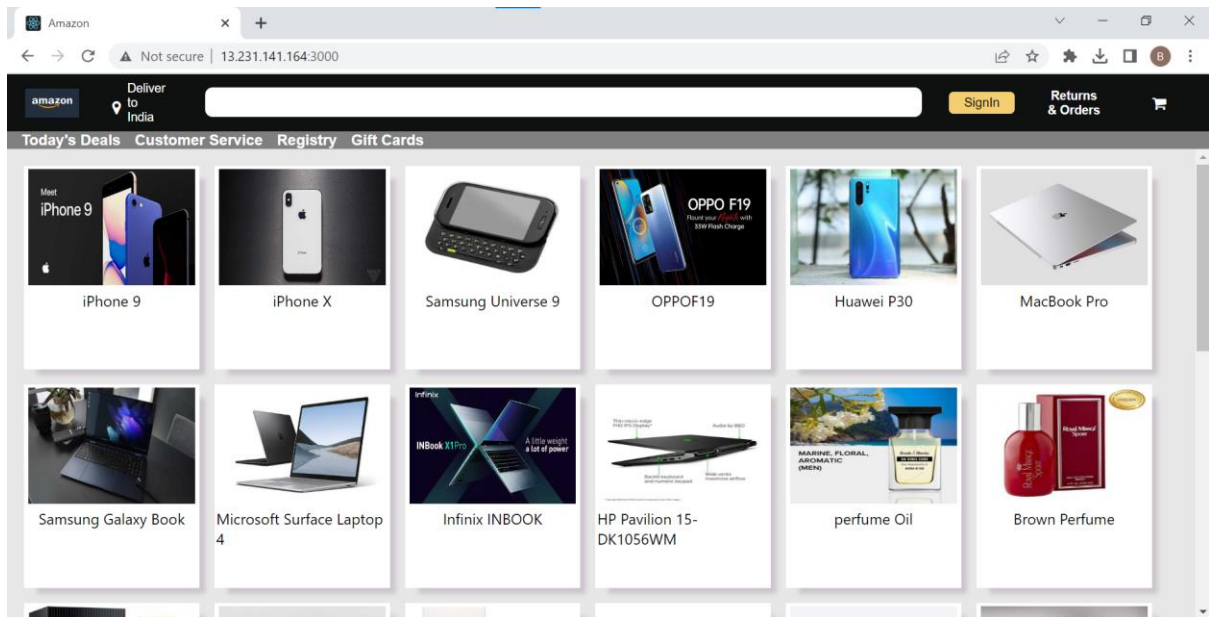
i-0155002099f5a033f (react_app)                                                                                                                                        ✕

PublicIPs: 13.231.141.164   PrivateIPs: 172.31.3.190

---

```
Compiled with warnings.

[eslint]
src/components/Subheader/Subheader.js
  Line 11:9:   'hoverstyle' is assigned a value but never used      no-unused-vars
  Line 15:11:  'handleHoverin' is assigned a value but never used   no-unused-vars
  Line 18:11:  'handleHoverout' is assigned a value but never used  no-unused-vars

Search for the keywords to learn more about each warning.
To ignore, add // eslint-disable-next-line to the line before.

WARNING in [eslint]
src/components/Subheader/Subheader.js
  Line 11:9:   'hoverstyle' is assigned a value but never used      no-unused-vars
  Line 15:11:  'handleHoverin' is assigned a value but never used   no-unused-vars
  Line 18:11:  'handleHoverout' is assigned a value but never used  no-unused-vars

webpack compiled with 1 warning
```
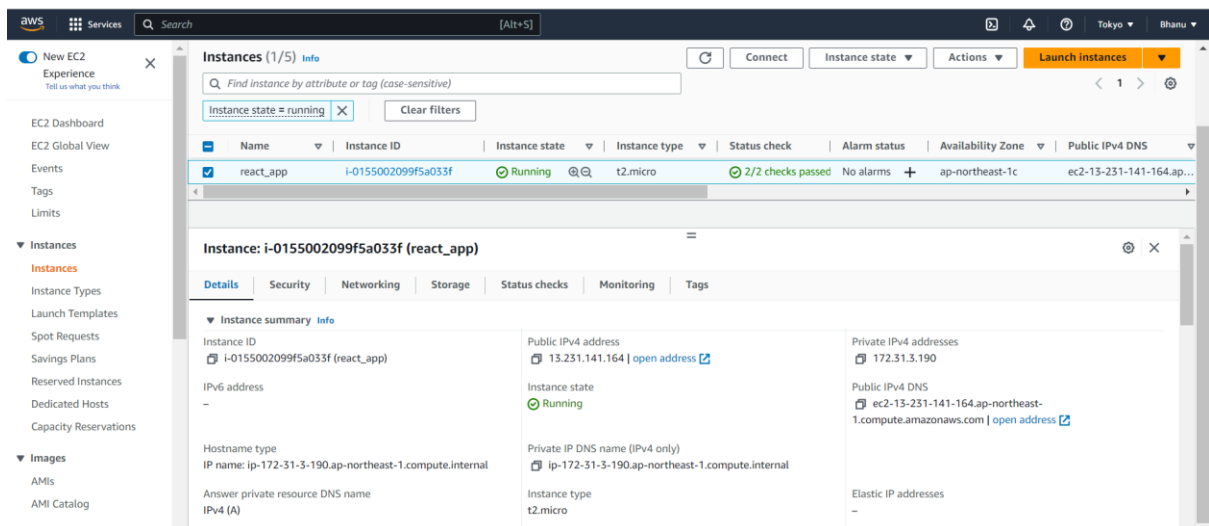
i-0155002099f5a033f (react_app)                                                                                                                                        ✕

PublicIPs: 13.231.141.164   PrivateIPs: 172.31.3.190

ENABLE THE CLOUD MONITORING:

## Screenshot 1

aws  Services  Q Search  [Alt+S]  Tokyo ▼  Bhanu ▼

New EC2 Experience
Tell us what you think

EC2 Dashboard
EC2 Global View
Events
Tags
Limits

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

▼ Images
AMIs
AMI Catalog

▼ Elastic Block Store

Instances (1/5) Info  |  Connect | Instance state ▼ | Actions ▼ | Launch instances ▼

Find instance by attribute or tag (case-sensitive)

Instance state = running ✕ | Clear filters  |  < 1 >

| ☑ | Name | ▽ | Instance ID | Instance state | ▽ | Instance type | ▽ | Status check | Alarm status | Availability Zone | ▽ | Public IPv4 DNS | ▽ |
| ☑ | react_app | | i-0155002099f5a033f | ⊙ Running | | t2.micro | | ⊙ 2/2 checks passed | No alarms + | ap-northeast-1c | | ec2-13-231-141-164.ap... |

Instance: i-0155002099f5a033f (react_app)  ⚙ ✕

Details | Security | Networking | Storage | Status checks | Monitoring | Tags

Manage detailed monitoring

1h  3h  12h  1d  3d  1w  Custom ▤   C ▼   Add to dashboard

CPU utilization (%)
Percent
0.329
0.164
0
16:00        17:00

Status check failed (any) (count)
Count
1
0.5
0
16:00        17:00

Status check failed (instance) (c...
Count
1
0.5
0
16:00        17:00

Status check failed (...
Count
1
0.5
0
16:00        17:00

Network in (bytes)   Network out (bytes)   Network packets in (count)   Network packets out (count)

## Screenshot 2

Detailed monitoring  ✕

After you enable detailed monitoring for an instance, monitoring data is available in 1-minute periods. Learn more ↗

Instance ID
i-0155002099f5a033f (react_app)

Detailed monitoring
☑ Enable

ⓘ After you enable detailed monitoring, the Amazon EC2 console displays monitoring graphs with a 1-minute period for the instance.
Additional charges apply ↗

Cancel   Confirm

## Screenshot 3

Instances (1/5) Info  |  Connect | Instance state ▼ | Actions ▼ | Launch instances ▼

Find instance by attribute or tag (case-sensitive)

Instance state = running ✕ | Clear filters  |  < 1 >

| ▽ | Public IPv4 DNS | ▽ | Public IPv4 ... | ▽ | Elastic IP | ▽ | IPv6 IPs | ▽ | Monitoring | ▽ | Security group name | ▽ | Key name | ▽ | Launch time |
| | ec2-13-231-141-164.ap... | | 13.231.141.164 | | – | | – | | enabled | | all_traffic | | projectkey | | 2023/03/22 16:24 GMT+ |

Instance: i-0155002099f5a033f (react_app)  ⚙ ✕

Details | Security | Networking | Storage | Status checks | Monitoring | Tags

Manage detailed monitoring

1h  3h  12h  1d  3d  1w  Custom ▤   C ▼   Add to dashboard

CPU utilization (%)
Percent
0.329
0.164
0
16:05        17:00

Status check failed (any) (count)
Count
1
0.5
0
16:05        17:00

Status check failed (instance) (c...
Count
1
0.5
0
16:05        17:00

Status check failed (system) (c...
Count
1
0.5
0
16:05        17:00

Network in (bytes)   Network out (bytes)   Network packets in (count)   Network packets out (count)