

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 instances.

The top screenshot shows the AWS Management Console 'Instances' page. The URL is `ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#instances=3:5&case=tag:true%5Cclient:false&regex=tag:false%5Cclient:false`. The page displays a table with columns: Name, Instance ID, Instance state, Instance type, Status check, Alarm status, Availability Zone, Public IPv4 DNS, Public IPv4 ..., Elastic IP. An error message 'An unknown error occurred' is shown. The left sidebar shows navigation options like EC2 Dashboard, Events, Tags, Limits, and various EC2 services.

The bottom screenshot shows the 'Launch instance' wizard. The 'Application and OS Images (Amazon Machine Image)' section shows a search for 'Amazon Machine Image (AMI)' with results for 'amazon2-ami-kernel-5.10-hvm-2.0.20230507.0-x86\_64-gp2-ami-0d81306edcd14a45'. The 'Instance type' section shows 't2.micro' as the selected type, which is 'Free tier eligible'. The 'Summary' section shows the configuration: 1 instance, Amazon Linux 2 AMI (HVM) - Kernel, t2.micro instance type, New security group, and 1 volume (8 GiB). A 'Free tier' notification states: '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 I/Os, 1 GiB of snapshots, and 100 GB of bandwidth to the internet.' The 'Launch instance' button is visible.

Launch an instance | EC2 Manager | X +

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#launchInstances

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

**Network settings** info

VPC - required info  
vpc-0b67215b70bc096 (default) [Create new VPC](#)

Subnet info  
subnet-002a884674bd9c386 [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

Common security groups info  
Select security groups  
AllTrafficSG sg-0a39a758ff17d470 [Compare security group rules](#)

Advanced network configuration

**Configure storage** info [Advanced](#)

1x 8 GiB gp2 Root volume (Not encrypted)

**Summary**

Number of instances info  
1

Software Image (AMI)  
Amazon Linux 2 AMI (HVM) - [Read more](#)  
ami-081506c0c0614a45

Virtual server type (instance type)  
t2.micro

Firewall (security group)  
AllTrafficSG

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, 50 GiB of EBS storage, 2 million I/Os, 1 GB of snapshots, and 100 GB of bandwidth to the internet.

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

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EC2 > Instances > Launch an instance

**Success**  
Successfully initiated launch of instance (i-085a7997580366e8)

[Launch log](#)

**Next Steps**

Create billing and free tier usage alerts  
To manage costs and avoid surprise bills, set up email notifications for billing and free tier usage thresholds.  
[Create billing alerts](#)

Connect to your instance  
Once your instance is running, log into it from your local computer.  
[Connect to instance](#)  
[Learn more](#)

Connect an RDS database  
Configure the connection between an EC2 instance and a database to allow traffic flow between them.  
[Connect an RDS database](#)  
[Create a new RDS database](#) [Learn more](#)

[View all instances](#)

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Instances | EC2 Management Console

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#instances

Successfully terminated i-085a7f997580366e8

Instances (1/2) info

Find instance by attribute or tag (case-sensitive)

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS	Public IPv4 ...	Elastic IP
default	i-085a7f997580366e8	Terminated	t2.micro	-	No alarms	ap-south-1a	-	43.205.216.39	-
reactjs	i-05eeae1ab4293b046	Running	t2.micro	-	No alarms	ap-south-1a	ec2-13-233-198-131.ap...	13.233.198.131	-

Instance: i-05eeae1ab4293b046 (reactjs)

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

Instance summary info

Instance ID: i-05eeae1ab4293b046 (reactjs)

Public IPv4 address: 13.233.198.131 | open address

Private IPv4 addresses: 172.31.45.24

Public IPv4 DNS: ec2-13-233-198-131.ap-south-1.compute.amazonaws.com | open address

Instance state: Pending

Private IP DNS name (IPv4 only): ip-172-31-45-24.ap-south-1.compute.internal

Instance type: t2.micro

VPC ID: vpc-0b672158b70bcab96

Subnet ID: subnet-002a884674bd9c286

Platform: Amazon Linux (Inferred)

AMI ID: ami-05af67c4a44cc983

AMI name: al2023-ami-2023.0.20230315.0-kernel-6.1-x86\_64

Launch time

Monitoring: disabled

Termination protection: Disabled

AMI location

Connect to instance | EC2 Manu

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#ConnectToInstanceinstanceId=i-05eeae1ab4293b046

EC2 > Instances > i-05eeae1ab4293b046 > Connect to instance

Connect to instance info

Connect to your instance i-05eeae1ab4293b046 (reactjs) using any of these options

EC2 Instance Connect | Session Manager | SSH client | EC2 serial console

Instance ID: i-05eeae1ab4293b046 (reactjs)

Public IP address: 13.233.198.131

User name: ec2-user

Note: In most cases, the default user name, ec2-user, is correct. However, read your AMI usage instructions to check if the AMI owner has changed the default AMI user name.

Cancel | Connect

Connect to instance | EC2 Manag... x EC2 Instance Connect x +

ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=ap-south-1&connType=standard&instanceId=i-05eeae1ab4293b046&osUser=ec2-user&sshPort=22#/?

Search [Alt+S]

Amazon Linux 2023

https://aws.amazon.com/linux/amazon-linux-2023

[ec2-user@ip-172-31-45-24 ~]\$

i-05eeae1ab4293b046 (reactjs)

PublicIPs: 13.233.198.131 PrivateIPs: 172.31.45.24

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Connect to instance | EC2 Manag... x EC2 Instance Connect x +

ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=ap-south-1&connType=standard&instanceId=i-05eeae1ab4293b046&osUser=ec2-user&sshPort=22#/?

Search [Alt+S]

Amazon Linux 2023

https://aws.amazon.com/linux/amazon-linux-2023

[ec2-user@ip-172-31-45-24 ~]\$ sudo su

[root@ip-172-31-45-24 ec2-user]\$ yum install -y nodejs

Last metadata expiration check: 0:00:34 ago on Wed Mar 22 05:32:52 2023.

Dependencies resolved.

Package	Architecture	Version	Repository	Size
Installing:				
nodejs	x86_64	1:18.12.1-1.amzn2023.0.3	amazonlinux	99 k
Installing dependencies:				
libbrotli	x86_64	1.0.9-4.amzn2023.0.2	amazonlinux	315 k
nodejs-libb	x86_64	1:18.12.1-1.amzn2023.0.3	amazonlinux	14 M
Installing weak dependencies:				
nodejs-docs	noarch	1:18.12.1-1.amzn2023.0.3	amazonlinux	7.2 M
nodejs-fulli-libb	x86_64	1:18.12.1-1.amzn2023.0.3	amazonlinux	8.2 M
npm	x86_64	1:8.19.2-1.18.12.1.1.amzn2023.0.3	amazonlinux	2.0 M

Transaction Summary

Install 6 Packages

Total download size: 31 M

Installed size: 168 M

Downloading Packages:

Package	Size	Download Speed	Time
(1/6): libbrotli-1.0.9-4.amzn2023.0.2.x86_64.rpm	315 kB	4.4 MB/s	00:00
(2/6): nodejs-18.12.1-1.amzn2023.0.3.x86_64.rpm	99 kB	925 kB/s	00:00
(3/6): npm-8.19.2-1.18.12.1.1.amzn2023.0.3.x86_64.rpm	2.0 MB	13 MB/s	00:00
(4/6): nodejs-fulli-libb-18.12.1-1.amzn2023.0.3.x86_64.rpm	8.2 MB	23 MB/s	00:00
(5/6): nodejs-libb-18.12.1-1.amzn2023.0.3.x86_64.rpm	14 MB	27 MB/s	00:00
(6/6): nodejs-docs-18.12.1-1.amzn2023.0.3.noarch.rpm	7.2 MB	18 MB/s	00:00
Total	31 MB	43 MB/s	00:00

Running transaction check

Transaction check succeeded.

Running transaction test

i-05eeae1ab4293b046 (reactjs)

PublicIPs: 13.233.198.131 PrivateIPs: 172.31.45.24

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```
Connect to instance | EC2 Manag... x EC2 Instance Connect x +
ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=ap-south-1&connType=standard&instanceId=i-05eeae1ab4293b046&osUser=ec2-user&sshPort=22#/?

AWS Services Search [Alt+S] Mumbai Sunil

Verifying nodejs-lib-1:18.12.1-1.amzn2023.0.3.x86_64 4/6
Verifying rpm-1:8.19.2-1.18.12.1-1.amzn2023.0.3.x86_64 5/6
Verifying nodejs-docs-1:18.12.1-1.amzn2023.0.3.noarch 6/6

Installed:
libbrotli-1:1.0.9-4.amzn2023.0.2.x86_64 nodejs-1:18.12.1-1.amzn2023.0.3.x86_64 nodejs-docs-1:18.12.1-1.amzn2023.0.3.noarch nodejs-full-1:18.12.1-1.amzn2023.0.3.x86_64
nodejs-lib-1:18.12.1-1.amzn2023.0.3.x86_64 rpm-1:8.19.2-1.18.12.1-1.amzn2023.0.3.x86_64

Complete!
[root@ip-172-31-45-24 ec2-user]# yum install -y git
Last metadata expiration check: 0:01:18 ago on Wed Mar 22 05:52:52 2023.
Dependencies resolved.
Package Architecture Version Repository Size
Installing:
git x86_64 2.39.2-1.amzn2023.0.1 amazonlinux 68 k
Installing dependencies:
git-core x86_64 2.39.2-1.amzn2023.0.1 amazonlinux 4.2 M
git-core-doc noarch 2.39.2-1.amzn2023.0.1 amazonlinux 2.6 M
perl-Error noarch 1:0.17029-5.amzn2023.0.2 amazonlinux 41 k
perl-File-Find noarch 1.37-477.amzn2023.0.3 amazonlinux 27 k
perl-Git noarch 2.39.2-1.amzn2023.0.1 amazonlinux 45 k
perl-TermReadKey x86_64 2.38-9.amzn2023.0.2 amazonlinux 36 k
perl-lib x86_64 0.65-477.amzn2023.0.3 amazonlinux 16 k

Transaction Summary
Install 8 Packages
Total Download size: 7.1 M
Installed size: 33 M
Downloading Packages:
(1/8): perl-lib-0.65-477.amzn2023.0.3.x86_64.rpm 203 kB/s | 16 kB 00:00
(2/8): perl-TermReadKey-2.38-9.amzn2023.0.2.x86_64.rpm 566 kB/s | 36 kB 00:00
(3/8): git-2.39.2-1.amzn2023.0.1.x86_64.rpm 944 kB/s | 68 kB 00:00
(4/8): perl-Git-2.39.2-1.amzn2023.0.1.noarch.rpm 2.8 MB/s | 45 kB 00:00
(5/8): perl-File-Find-1.37-477.amzn2023.0.3.noarch.rpm 1.7 MB/s | 27 kB 00:00
(6/8): perl-Error-0.17029-5.amzn2023.0.2.noarch.rpm 1.2 MB/s | 41 kB 00:00
(7/8): git-core-2.39.2-1.amzn2023.0.1.x86_64.rpm 39 MB/s | 4.2 MB 00:00
(8/8): git-core-doc-2.39.2-1.amzn2023.0.1.noarch.rpm 26 MB/s | 2.6 MB 00:00
Total 28 MB/s | 7.1 MB 00:00
Running transaction check
Transaction check succeeded.

i-05eeae1ab4293b046 (reactjs)
PublicPis: 13.233.198.131 PrivatePis: 172.31.45.24

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Connect to instance | EC2 Manag... x EC2 Instance Connect x +
snehal-herovired/Devops_Batch... x +
ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=ap-south-1&connType=standard&instanceId=i-05eeae1ab4293b046&osUser=ec2-user&sshPort=22#/?

AWS Services Search [Alt+S] Mumbai Sunil

Installing perl-TermReadKey-2.38-9.amzn2023.0.2.x86_64 5/8
Installing perl-lib-0.65-477.amzn2023.0.3.x86_64 6/8
Installing perl-Git-2.39.2-1.amzn2023.0.1.noarch 7/8
Installing git-2.39.2-1.amzn2023.0.1.x86_64 8/8
Running scriptlet: git-2.39.2-1.amzn2023.0.1.x86_64 8/8
Verifying git-2.39.2-1.amzn2023.0.1.x86_64 1/8
Verifying perl-lib-0.65-477.amzn2023.0.3.x86_64 2/8
Verifying perl-TermReadKey-2.38-9.amzn2023.0.2.x86_64 3/8
Verifying git-core-2.39.2-1.amzn2023.0.1.x86_64 4/8
Verifying perl-Git-2.39.2-1.amzn2023.0.1.noarch 5/8
Verifying perl-File-Find-1.37-477.amzn2023.0.3.noarch 6/8
Verifying perl-Error-1:0.17029-5.amzn2023.0.2.noarch 7/8
Verifying git-core-doc-2.39.2-1.amzn2023.0.1.noarch 8/8

Installed:
git-2.39.2-1.amzn2023.0.1.x86_64 git-core-2.39.2-1.amzn2023.0.1.noarch perl-Error-1:0.17029-5.amzn2023.0.2.noarch
perl-File-Find-1.37-477.amzn2023.0.3.noarch perl-Git-2.39.2-1.amzn2023.0.1.noarch perl-TermReadKey-2.38-9.amzn2023.0.2.x86_64
perl-lib-0.65-477.amzn2023.0.3.x86_64

Complete!
[root@ip-172-31-45-24 ec2-user]# git clone https://github.com/snehal-herovired/Devops_Batch_Aditya
Cloning into 'Devops_Batch_Aditya'...
remote: Enumerating objects: 5306, done.
remote: Counting objects: 100% (1206/1206), done.
remote: Compressing objects: 100% (1097/1097), done.
remote: Total 5306 (delta 40), reused 1140 (delta 47), pack-reused 4100
Receiving objects: 100% (5306/5306), 415.18 MiB | 19.21 MiB/s, done.
Resolving deltas: 100% (707/707), done.
[root@ip-172-31-45-24 ec2-user]# ls
Devops_Batch_Aditya
[root@ip-172-31-45-24 ec2-user]# cd
./
[root@ip-172-31-45-24 ec2-user]# cd Devops_Batch_Aditya/
[root@ip-172-31-45-24 ec2-user]# cd Devops_Batch_Aditya
[root@ip-172-31-45-24 Devops_Batch_Aditya]# ls
Amazon_static_website Docker.txt Jenkins.png Untitled.png cloud_computing.png linuxCommand.txt sample.py virtualization_linux.txt
'Cloud_introduction.txt' DockerDesktop.png LearningGit ci-cd_bash_cron.png learing.txt pythonflask virtualization.png
Docker.png 'Git_and_github.txt' 'New_Text_Document.txt'
[root@ip-172-31-45-24 Devops_Batch_Aditya]# cd amazonreact
[root@ip-172-31-45-24 amazonreact]# npm install
npm WARN deprecated The package-lock.json file was created with an old version of npm,
npm WARN deprecated so supplemental metadata must be fetched from the registry.
npm WARN deprecated This is a one-time fix-up, please be patient...
npm WARN deprecated
npm WARN deprecated I idealTree:inflate(node_modules/@babel/plugin-syntax-import-assertions)
npm WARN deprecated node_modules/@babel/plugin-syntax-import-assertions

i-05eeae1ab4293b046 (reactjs)
PublicPis: 13.233.198.131 PrivatePis: 172.31.45.24

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```

```
Connect to instance | EC2 Manag... x EC2 Instance Connect x snehal-herovied/Devops_Batch... x New Tab x +
ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=ap-south-1&connType=standard&instanceId=i-05eeae1ab4293b046&osUser=ec2-user&sshPort=22#/?
AWS Services Search [Alt+S]
[root@ip-172-31-45-24 amazonreact]# npm install
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 This is a one-time fix-up, please be patient...
npm WARN deprecated wc-hr-time@1.0.2: Use your platform's native performance.now() and performance.timeOrigin.
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.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Array/sort#browser_compatibility
npm WARN deprecated sourcemap-codec@1.4.8: Please use @jridgewell/sourcemap-codec instead
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 svgo@1.3.2: This SVGO version is no longer supported. Upgrade to v2.x.x.

added 1469 packages, and audited 1470 packages in 2m

326 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.
[root@ip-172-31-45-24 amazonreact]#
```

i-05eeae1ab4293b046 (reactjs)  
PublicIPs: 13.233.198.131 PrivateIPs: 172.31.45.24

```
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Connect to instance | EC2 Manag... x EC2 Instance Connect x snehal-herovied/Devops_Batch... x +
ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=ap-south-1&connType=standard&instanceId=i-05eeae1ab4293b046&osUser=ec2-user&sshPort=22#/?
AWS Services Search [Alt+S]
drwxr-xr-x. 5 root root 131 Mar 22 06:03 .
drwxr-xr-x. 8 root root 16384 Mar 22 05:56 ..
-rw-r--r--. 1 root root 310 Mar 22 05:56 .gitignore
-rw-r--r--. 1 root root 3859 Mar 22 05:56 README.md
drwxr-xr-x. 818 root root 32768 Mar 22 06:04 node_modules
-rw-r--r--. 1 root root 1202169 Mar 22 06:04 package-lock.json
-rw-r--r--. 1 root root 693 Mar 22 05:56 package.json
drwxr-xr-x. 3 root root 134 Mar 22 05:56 public
drwxr-xr-x. 3 root root 86 Mar 22 05:56 src
[root@ip-172-31-45-24 amazonreact]# npm run build

> 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.5f8a28d.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:

  https://cra.link/deployment

[root@ip-172-31-45-24 amazonreact]#
```

i-05eeae1ab4293b046 (reactjs)  
PublicIPs: 13.233.198.131 PrivateIPs: 172.31.45.24

Connect to instance | EC2 Manag... x EC2 Instance Connect x snehal-herovired/Devops\_Batch x +

ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=ap-south-1&connType=standard&instanceId=i-05eeae1ab4293b046&osUser=ec2-user&sshPort=22#/?

Services Search [Alt+S]

root@ip-172-31-45-24 amazonreact[1] le

README.md build node\_modules package-lock.json package.json public sro

root@ip-172-31-45-24 amazonreact[1] yum install -y nginx

Last metadata expiration check: 0:21:40 ago on Wed Mar 22 05:12:12 2023.

Dependencies resolved.

Package	Architecture	Version	Repository	Size
Installing:				
nginx	x86_64	1:1.22.1-1.amzn2023.0.3	amazonlinux	40 k
Installing dependencies:				
generic-logrus-httpd	noarch	18.0.0-12.amzn2023.0.3	amazonlinux	19 k
gperftools-libb	x86_64	2.9.1-1.amzn2023.0.2	amazonlinux	309 k
libunwind	x86_64	1.4.0-5.amzn2023.0.2	amazonlinux	66 k
nginx-core	x86_64	1:1.22.1-1.amzn2023.0.3	amazonlinux	583 k
nginxfilesystem	noarch	1:1.22.1-1.amzn2023.0.3	amazonlinux	12 k
nginx-minetypes	noarch	2.1.49-3.amzn2023.0.3	amazonlinux	21 k

Transaction Summary

Install 7 Packages

Total download size: 1.0 M

Installed size: 3.4 M

Downloading Packages:

(1/7): nginx-1.22.1-1.amzn2023.0.3.x86_64.rpm	533 kb/s   40 kB	00:00
(2/7): libunwind-1.4.0-5.amzn2023.0.2.x86_64.rpm	772 kb/s   66 kB	00:00
(3/7): generic-logrus-httpd-18.0.0-12.amzn2023.0.3.noarch.rpm	1.2 MB/s   19 kB	00:00
(4/7): gperftools-libb-2.9.1-1.amzn2023.0.2.x86_64.rpm	2.8 MB/s   309 kB	00:00
(5/7): nginx-core-1.22.1-1.amzn2023.0.3.x86_64.rpm	10 MB/s   583 kB	00:00
(6/7): nginx-minetypes-2.1.49-3.amzn2023.0.3.noarch.rpm	836 kb/s   21 kB	00:00
(7/7): nginxfilesystem-1.22.1-1.amzn2023.0.3.noarch.rpm	346 kb/s   12 kB	00:00

Total

4.8 MB/s | 1.0 MB 00:00

Running transaction check

Transaction check succeeded.

Running transaction test

Transaction test succeeded.

Running transaction

Preparing

Running scriptlet: nginxfilesystem-1:1.22.1-1.amzn2023.0.3.noarch

Installing : nginxfilesystem-1:1.22.1-1.amzn2023.0.3.noarch

Installing : nginx-minetypes-2.1.49-3.amzn2023.0.3.noarch

Installing : generic-logrus-httpd-18.0.0-12.amzn2023.0.3.noarch

1/3

1/7

1/7

2/7

3/7

i-05eeae1ab4293b046 (reactjs)

PublicIPs: 13.233.198.131 PrivateIPs: 172.31.45.24

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Connect to instance | EC2 Manag... x EC2 Instance Connect x snehal-herovired/Devops\_Batch x +

ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=ap-south-1&connType=standard&instanceId=i-05eeae1ab4293b046&osUser=ec2-user&sshPort=22#/?

Services Search [Alt+S]

server

listen 80;

server\_name 13.233.198.131;

root /usr/share/nginx/html;

index index.html;

location / {

try\_files \$uri \$uri/ /index.html;

}

i-05eeae1ab4293b046 (reactjs)

PublicIPs: 13.233.198.131 PrivateIPs: 172.31.45.24

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Roll No:- 20A91A05B1

Name:- Sunil Noolu



Connect to instance | EC2 Manager | x | EC2 Instance Connect | x | snehal-herovired/Devops\_Batch | x | +

ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=ap-south-1&contentType=standard&instanceId=i-05eeae1ab4293b046&osUser=ec2-user&sshPort=22#/?

gperftools-libe-2.9.1-1.amzn2023.0.2.x86\_64.rpm 2.8 MB/s | 309 KB 00:00  
nginx-core-1.22.1-1.amzn2023.0.3.x86\_64.rpm 10 MB/s | 363 KB 00:00  
nginx-ministypes-2.1.49-3.amzn2023.0.3.noarch.rpm 856 KB/s | 21 KB 00:00  
nginx-filesystem-1.22.1-1.amzn2023.0.3.noarch.rpm 346 KB/s | 12 KB 00:00

Total 4.8 MB/s | 1.0 MB 00:00

Running transaction check  
Transaction check succeeded.  
Running transaction test  
Transaction test succeeded.  
Running transaction

Preparing  
Running scriptlet:  
Installing : nginx-filesystem-1:1.22.1-1.amzn2023.0.3.noarch 1/1  
Installing : nginx-ministypes-2.1.49-3.amzn2023.0.3.noarch 1/1  
Installing : gperftools-libe-2.9.1-1.amzn2023.0.2.x86\_64 2/1  
Installing : libunwind-1.4.0-5.amzn2023.0.2.x86\_64 4/1  
Installing : gperftools-libe-2.9.1-1.amzn2023.0.2.x86\_64 5/1  
Installing : nginx-core-1:1.22.1-1.amzn2023.0.3.x86\_64 6/1  
Installing : nginx-1:1.22.1-1.amzn2023.0.3.x86\_64 7/1  
Running scriptlet:  
Verifying : libunwind-1.4.0-5.amzn2023.0.2.x86\_64 1/1  
Verifying : nginx-1:1.22.1-1.amzn2023.0.3.x86\_64 2/1  
Verifying : gperftools-libe-2.9.1-1.amzn2023.0.2.x86\_64 3/1  
Verifying : nginx-core-1:1.22.1-1.amzn2023.0.3.x86\_64 4/1  
Verifying : gperftools-libe-2.9.1-1.amzn2023.0.2.x86\_64 5/1  
Verifying : nginx-filesystem-1:1.22.1-1.amzn2023.0.3.noarch 6/1  
Verifying : nginx-ministypes-2.1.49-3.amzn2023.0.3.noarch 7/1

Installed:  
gperftools-libe-2.9.1-1.amzn2023.0.2.x86\_64 libunwind-1.4.0-5.amzn2023.0.2.x86\_64 nginx-1:1.22.1-1.amzn2023.0.3.x86\_64  
nginx-core-1:1.22.1-1.amzn2023.0.3.x86\_64 nginx-filesystem-1:1.22.1-1.amzn2023.0.3.noarch nginx-ministypes-2.1.49-3.amzn2023.0.3.noarch

Complete!  
[root@ip-172-31-45-24 amazonreact]# systemctl start nginx  
[root@ip-172-31-45-24 amazonreact]# ls  
awscli build module package-lock.json package.json public src  
[root@ip-172-31-45-24 amazonreact]# cp -r /home/ec2-user/Devops\_Batch\_Aditya/amazonreact/build/\* /usr/share/nginx/html  
api: overwrite /usr/share/nginx/html/index.html? y  
[root@ip-172-31-45-24 amazonreact]# vi /etc/nginx/conf.d/your-app.conf  
[root@ip-172-31-45-24 amazonreact]# nginx -t  
nginx: the configuration file /etc/nginx/nginx.conf syntax is ok  
nginx: configuration file /etc/nginx/nginx.conf test is successful  
[root@ip-172-31-45-24 amazonreact]# systemctl reload nginx  
[root@ip-172-31-45-24 amazonreact]#

i-05eeae1ab4293b046 (reactjs)  
Public IPs: 13.233.198.131 Private IPs: 172.31.45.24

Feedback Language

Instances | EC2 Management Co | x | snehal-herovired/Devops\_Batch | x | Amazon | x | +

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#Instances:instanceState=running

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  
Volumes  
Snapshots  
Lifecycle Manager

Network & Security  
Security Groups  
Elastic IPs  
Placement Groups  
Key Pairs

Instances (1/1) info

Find instance by attribute or tag (case-sensitive)  
Instance state: running X Clear filters

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS
reactjs	i-05eeae1ab4293b046	Running	t2.micro	2/2 checks passed	No alarms	ap-south-1a	ec2-3-111-171-34.ap

Instance: i-05eeae1ab4293b046 (reactjs)

Details Security Networking Storage Status checks Monitoring Tags

Instance summary info

Instance ID: i-05eeae1ab4293b046 (reactjs)  
Public IPv4 address: 3.111.171.34 | open address  
Private IPv4 addresses: 172.31.45.24  
Public IPv4 DNS: ec2-3-111-171-34.ap-south-1.compute.amazonaws.com | open address  
Elastic IP addresses: -  
AWS Compute Optimizer finding: Opt-in to AWS Compute Optimizer for recommendations. | Learn more  
Auto Scaling Group name: -  
Monitoring: disabled

Instance details info

Platform: Amazon Linux (Inferred)  
AMI ID: ami-05af67c4d4dc985



The image displays two screenshots of the AWS Management Console, specifically the EC2 Instances page, illustrating the steps to enable detailed monitoring for an EC2 instance.

**Top Screenshot:** Shows the 'Instances (1/1) info' page for instance `i-05eeae1ab4293b046` (name: `reactjs`). A modal dialog titled 'Detailed monitoring' is open, asking to enable detailed monitoring. The dialog text states: 'After you enable detailed monitoring for an instance, monitoring data is available in 1-minute periods. Learn more'. It includes a checkbox for 'Detailed monitoring' which is checked, and a note: 'After you enable detailed monitoring, the Amazon EC2 console displays monitoring graphs with a 1-minute period for the instance. Additional charges apply'. The 'Confirm' button is highlighted.

**Bottom Screenshot:** Shows the same instance page after the monitoring has been successfully enabled. A green banner at the top reads: 'Successfully enabled detailed monitoring for instance i-05eeae1ab4293b046'. The instance's 'Monitoring' tab is selected, showing the 'Instance summary' and 'Instance details' sections. The 'Instance summary' shows the instance is in a 'Running' state with '2/2 checks passed'. The 'Instance details' section shows the instance type as `t2.micro` and the platform as `Amazon Linux (Bottlerocket)`.

