

Deploy Application on Cloud(Screen_Shots)

```
$ ssh -i "MyKeyPairs.pem" ec2-user@ec2-3-86-201-109.compute-1.amazonaws.com
The authenticity of host 'ec2-3-86-201-109.compute-1.amazonaws.com (3.86.201.109)' can't be established.
ED25519 key fingerprint is SHA256:Yy/B+hxNaxJegx4lCepvgPpbo3v0fdoEINSSGGetcTI.
This key is not known by any other names
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added 'ec2-3-86-201-109.compute-1.amazonaws.com' (ED25519) to the list of known hosts.

  _ _ _ _ _
 / _ _ _ _ \   Amazon Linux 2 AMI

https://aws.amazon.com/amazon-linux-2/
[ec2-user@ip-172-31-94-214 ~]$ sudo amazon-linux-extras install java-openjdk11
That is not a valid option. Try "help".
[ec2-user@ip-172-31-94-214 ~]$ sudo amazon-linux-extras install java-openjdk11
Installing java-11-openjdk
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
Cleaning repos: amzn2-core amzn2extra-docker amzn2extra-java-openjdk11 amzn2extra-kernel-5.10
17 metadata files removed
6 sqlite files removed
0 metadata files removed
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
amzn2-core
amzn2extra-docker
amzn2extra-java-openjdk11
Resolving sauer1205.s3.amazonaws.com (saver1205.s3.amazonaws.com)... 54.231.224.9
Connecting to sauer1205.s3.amazonaws.com (saver1205.s3.amazonaws.com)[54.231.224.9]:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 17571488 (17M) [application/x-www-form-urlencoded]
Saving to: 'SpringbootwithDocker-0.0.1-SNAPSHOT.jar'

100%[=====] 17,571,488 --.-K/s in 0.1s

2022-10-05 14:16:23 (166 MB/s) - 'SpringbootwithDocker-0.0.1-SNAPSHOT.jar' saved [17571488/17571488]

[ec2-user@ip-172-31-94-214 ~]$ ls
SpringbootwithDocker-0.0.1-SNAPSHOT.jar
[ec2-user@ip-172-31-94-214 ~]$ java -jar SpringbootwithDocker-0.0.1-SNAPSHOT.jar

  ____ _
 / ___| | |
 \___ \| |_| |
  ___) | | | |
 |___|_|_|_|_|

:: Spring Boot ::
 (2.6.12)

2022-10-05 14:16:47.640 INFO 4232 --- [main] com.SpringbootwithDockerApplication : Starting SpringbootwithDockerApplication v0.0.1-SNAPSHOT using Java 11.0.16 on ip-172-31-94-214.ec2.internal
2022-10-05 14:16:47.643 INFO 4232 --- [main] com.SpringbootwithDockerApplication : No active profile set, falling back to 1 default profile: "default"
2022-10-05 14:16:50.947 INFO 4232 --- [main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat initialized with port(s): 9090 (http)
2022-10-05 14:16:50.990 INFO 4232 --- [main] o.apache.catalina.core.StandardService : Starting service [Tomcat]
2022-10-05 14:16:50.992 INFO 4232 --- [main] org.apache.catalina.core.StandardEngine : Starting Servlet engine: [Apache Tomcat/9.0.65]
2022-10-05 14:16:51.244 INFO 4232 --- [main] o.a.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring embedded webApplicationContext
2022-10-05 14:16:51.248 INFO 4232 --- [main] w.s.c.ServletWebServerApplicationContext : Root webApplicationContext: initialization completed in 3478 ms
2022-10-05 14:16:52.651 INFO 4232 --- [main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat started on port(s): 9090 (http) with context path ''
2022-10-05 14:16:52.676 INFO 4232 --- [main] com.SpringbootwithDockerApplication : Started SpringbootwithDockerApplication in 6.225 seconds (JVM running for 7.288)
```

The screenshot displays the AWS Management Console interface for an EC2 instance. The left sidebar shows the navigation menu with options like EC2 Dashboard, EC2 Global View, Events, Tags, Limits, Instances, Images, and AMIs. The main content area shows the 'Instances (1/1) Info' page. A table lists the instance 'my_ec2instance' with its ID 'i-0ade3f8e0a80c3570', state 'Running', type 't2.micro', and public IP address '3.86.201.109'. Below the table, the 'Instance: i-0ade3f8e0a80c3570 (my_ec2instance)' details are shown, including its summary, security groups, networking, storage, status checks, monitoring, and tags. The instance is running on the Amazon Linux 2 AMI and has a public IP address of 3.86.201.109 and a private IP address of 172.31.94.214. The instance is in the 'Running' state and has passed all status checks.





