

Calendar - Sidharth x230 Java SLA xWhatsApp xec2-35-173-1 xPractice Labs xLaunch an instance xConnect to instance x(14) 8Bharath xDashboard x

https://us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#ConnectToInstance:instanceId=i-051940701e34aa455

Sign in

ServicesSearch[Alt+S]

N. VirginiaCorestack_Role/sidde.reddy_mphasis @ 7459-4122-1952

EC2 > Instances > i-051940701e34aa455 > Connect to instance

Connect to instance [Info](#)

Connect to your instance i-051940701e34aa455 (Sidde-server) using any of these options

EC2 Instance Connect

Session Manager

SSH client

EC2 serial console

Instance ID

i-051940701e34aa455 (Sidde-server)

1. Open an SSH client.
2. Locate your private key file. The key used to launch this instance is Sidde-key.pem
3. Run this command, if necessary, to ensure your key is not publicly viewable.

Public DNS copied

Sidde-key.pem

Connect to your instance using its Public DNS:

ec2-35-173-127-58.compute-1.amazonaws.com

Example:

```
 ssh -i "Sidde-key.pem" ec2-user@ec2-35-173-127-58.compute-1.amazonaws.com
```

Note:

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

Cancel

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17:48 26-07-2023

Calendar - Sh...230 Java SLA...WhatsApp...ec2-35-173-1...Practice Labs...Launch an in...Instances | EC... (14) 8Bharath...Dashboard...

https://us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Instances:Sign in

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New EC2 ExperienceTell us what you think

EC2 DashboardEC2 Global ViewEventsInstancesInstancesInstance TypesLaunch TemplatesSpot RequestsSavings PlansReserved InstancesDedicated HostsScheduled InstancesCapacity ReservationsImagesAMIsAMI CatalogElastic Block StoreVolumesSnapshotsCloudShellFeedbackLanguage

Instances (1/2) InfoConnectInstance stateActionsLaunch instances

Find instance by attribute or tag (case-sensitive)

	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IP
<input type="checkbox"/>	Deploy-Applic...	i-05bc15df1fdfcbb75	Running	t2.micro	2/2 checks passed	No alarms	us-east-1b	ec2-3-86
<input checked="" type="checkbox"/>	Sidde-server	i-051940701e34aa455	Running	t2.micro	2/2 checks passed	No alarms	us-east-1b	ec2-35-1

Instance: i-051940701e34aa455 (Sidde-server)

DetailsSecurityNetworkingStorageStatus checksMonitoringTags

Instance summary Info

Instance IDi-051940701e34aa455 (Sidde-server)

IPv6 address-

Hostname typeIP name: ip-172-31-93-162.ec2.internal

Public IPv4 address35.173.127.58 | open address

Instance stateRunning

Private IP DNS name (IPv4 only)ip-172-31-93-162.ec2.internal

Private IPv4 addresses172.31.93.162

Public IPv4 DNSec2-35-173-127-58.compute-1.amazonaws.com | open address

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Calendar - S...

230 Java SLA

WhatsApp

ec2-35-173-1

Practice Labs

Launch an in

Instance deta

(14) 8Bharath

Dashboard

https://us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#InstanceDetails:instanceId=i-05bc15df1dfcdeb75

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N. Virginia

Corestack_Role/sidde.reddy_mphasis @ 7459-4122-1952

New EC2 Experience

EC2 Dashboard

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Capacity Reservations

Images

AMIs

AMI Catalog

Elastic Block Store

Volumes

Snapshots

IAM Role

Subnet ID

Auto Scaling Group name

IMDSv2

Required

subnet-02779d68785a912c2

-

Details

Security

Networking

Storage

Status checks

Monitoring

Tags

▼ Instance details Info

Platform

Amazon Linux (Inferred)

AMI ID

ami-05548f9cecf47b442

Monitoring

disabled

Platform details

Linux/UNIX

AMI name

al2023-ami-2023.1.20230719.0-kernel-6.1-x86_64

Termination protection

Disabled

Stop protection

Disabled

Launch time

Wed Jul 26 2023 16:29:19 GMT+0530 (India Standard Time) (about 1 hour)

AMI location

amazon/al2023-ami-2023.1.20230719.0-kernel-6.1-x86_64

Instance auto-recovery

Default

Lifecycle

normal

Stop-hibernate behavior

disabled

AMI Launch index

0

Key pair assigned at launch

AWS-APPLICATION-1

State transition reason

-

Credit specification

standard

Kernel ID

-

State transition message

-

Usage operation

RunInstances

RAM disk ID

-

Owner

745941221952

ClassicLink

Enclaves Support

Boot mode

-

CloudShell

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←→https://us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:AWS ServicesSearch[Alt+S]N. VirginiaCorestack_Role/sidde.reddy_mphasis @ 7459-4122-1952Sign in

EC2>Instances>Launch an instance

Success

Successfully initiated launch of instance (i-051940701e34aa455)

Launch log

Next Steps

What would you like to do next with this instance, for example "create alarm" or "create backup"

<123456>

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

Create EBS snapshot policy

Create a policy that automates the creation, retention, and deletion of EBS snapshots

Create EBS snapshot policy

Manage detailed monitoring

Create Load Balancer

Create AWS budget

Manage CloudWatch alarms

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ec2-user@ip-172-31-03-162:~

Total download size: 100 M

Installed size: 262 M

Is this ok [y/N]: y

Downloading Packages:

(1/35): libXtst-1.2.3-14.amzn2023.0.2.x86_64.rpm	298 kB/s	21 kB	00:00
(2/35): alsa-lib-1.2.7.2-1.amzn2023.0.2.x86_64.rpm	5.6 MB/s	504 kB	00:00
(3/35): giflib-5.2.1-9.amzn2023.x86_64.rpm	2.5 MB/s	49 kB	00:00
(4/35): libjpeg-turbo-2.1.4-2.amzn2023.0.2.x86_64.rpm	8.4 MB/s	190 kB	00:00
(5/35): libXi-1.7.10-6.amzn2023.0.2.x86_64.rpm	309 kB/s	40 kB	00:00
(6/35): java-17-amazon-corretto-17.0.8+7-1.amzn2023.1.x86_64.rpm	5.3 MB/s	188 kB	00:00
(7/35): libXau-1.0.9-6.amzn2023.0.2.x86_64.rpm	1.5 MB/s	31 kB	00:00
(8/35): fontconfig-2.13.94-2.amzn2023.0.2.x86_64.rpm	3.8 MB/s	273 kB	00:00
(9/35): libXrender-0.9.10-14.amzn2023.0.2.x86_64.rpm	1.4 MB/s	28 kB	00:00
(10/35): libXext-1.3.4-6.amzn2023.0.2.x86_64.rpm	1.8 MB/s	41 kB	00:00
(11/35): harfbuzz-7.0.0-2.amzn2023.0.1.x86_64.rpm	10 MB/s	868 kB	00:00
(12/35): cairo-1.17.4-3.amzn2023.0.2.x86_64.rpm	3.9 MB/s	674 kB	00:00
(13/35): freetype-2.13.0-2.amzn2023.0.1.x86_64.rpm	3.3 MB/s	422 kB	00:00
(14/35): libXinerama-1.1.4-8.amzn2023.0.2.x86_64.rpm	746 kB/s	15 kB	00:00
(15/35): libICE-1.0.10-6.amzn2023.0.2.x86_64.rpm	2.4 MB/s	71 kB	00:00
(16/35): graphite2-1.3.14-7.amzn2023.0.2.x86_64.rpm	2.3 MB/s	97 kB	00:00
(17/35): libpng-1.6.37-10.amzn2023.0.2.x86_64.rpm	6.1 MB/s	128 kB	00:00
(18/35): libXrandr-1.5.2-6.amzn2023.0.2.x86_64.rpm	1.1 MB/s	28 kB	00:00
(19/35): pixman-0.40.0-3.amzn2023.0.3.x86_64.rpm	5.6 MB/s	295 kB	00:00
(20/35): libSM-1.2.3-8.amzn2023.0.2.x86_64.rpm	2.1 MB/s	42 kB	00:00
(21/35): libxcb-1.13.1-7.amzn2023.0.2.x86_64.rpm	5.7 MB/s	230 kB	00:00
(22/35): libbrotli-1.0.9-4.amzn2023.0.2.x86_64.rpm	14 MB/s	315 kB	00:00
(23/35): libXt-1.2.0-4.amzn2023.0.2.x86_64.rpm	9.5 MB/s	181 kB	00:00
(24/35): fonts-filesystem-2.0.5-5.amzn2023.0.2.noarch.rpm	569 kB/s	8.7 kB	00:00
(25/35): libX11-1.7.2-3.amzn2023.0.3.x86_64.rpm	6.6 MB/s	657 kB	00:00
(26/35): javapackages-filesystem-6.0.0-7.amzn2023.0.5.noarch.rpm	157 kB/s	13 kB	00:00
(27/35): google-noto-sans-vf-fonts-20201206-2.amzn2023.0.2.noarch.rpm	5.7 MB/s	492 kB	00:00
(28/35): xml-common-0.6.3-56.amzn2023.0.2.noarch.rpm	376 kB/s	32 kB	00:00
(29/35): langpacks-core-font-en-3.0-21.amzn2023.0.4.noarch.rpm	610 kB/s	10 kB	00:00
(30/35): dejavu-sans-fonts-2.37-16.amzn2023.0.2.noarch.rpm	22 MB/s	1.3 MB	00:00
(31/35): dejavu-sans-mono-fonts-2.37-16.amzn2023.0.2.noarch.rpm	4.1 MB/s	467 kB	00:00
(32/35): dejavu-serif-fonts-2.37-16.amzn2023.0.2.noarch.rpm	10 MB/s	1.0 MB	00:00
(33/35): libX11-common-1.7.2-3.amzn2023.0.3.noarch.rpm	2.1 MB/s	152 kB	00:00
(34/35): google-noto-fonts-common-20201206-2.amzn2023.0.2.noarch.rpm	988 kB/s	15 kB	00:00
(35/35): java-17-amazon-corretto-headless-17.0.8+7-1.amzn2023.1.x86_64.rpm	49 MB/s	91 MB	00:01
-----Total			

MB/s | 100 MB 00:02

Running transaction check

Transaction check succeeded.

Running transaction test

Transaction test succeeded.

Running transaction

Preparing : 1/1

Installing : fonts-filesystem-1:2.0.5-5.amzn2023.0.2.noarch 1/35

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17:48
26-07-2023

```
[root@ip-172-31-93-162 ~]# java --version
openjdk 17.0.8 2023-07-18 LTS
OpenJDK Runtime Environment Corretto-17.0.8.7.1 (build 17.0.8+7-LTS)
OpenJDK 64-Bit Server VM Corretto-17.0.8.7.1 (build 17.0.8+7-LTS, mixed mode, sharing)
[root@ip-172-31-93-162 ~]# exit
logout
[ec2-user@ip-172-31-93-162 ~]$ exit
logout
Connection to ec2-35-173-127-58.compute-1.amazonaws.com closed.

C:\Users\91630\Dropbox\My PC (LAPTOP-PDUNF62T)\Downloads>ls
'ls' is not recognized as an internal or external command,
operable program or batch file.

C:\Users\91630\Dropbox\My PC (LAPTOP-PDUNF62T)\Downloads>pwd
'pwd' is not recognized as an internal or external command,
operable program or batch file.

C:\Users\91630\Dropbox\My PC (LAPTOP-PDUNF62T)\Downloads>ssh -i "Sidde-key.pem" ec2-user@ec2-35-173-127-58.compute-1.amazonaws.com
#####
      ##
     /## \
    /### \
   /#### \
  /##### \
 /         \
V~*~*~*~*~> https://aws.amazon.com/linux/amazon-linux-2023

Last login: Wed Jul 26 11:41:28 2023 from 152.58.197.22
[ec2-user@ip-172-31-93-162 ~]$ sudo -i
[root@ip-172-31-93-162 ~]# yum install java
Last metadata expiration check: 0:09:01 ago on Wed Jul 26 11:39:13 2023.
Package java-17-amazon-corretto-1:17.0.8+7-1.amzn2023.1.x86_64 is already installed.
Dependencies resolved.
Nothing to do.
Complete!
[root@ip-172-31-93-162 ~]# ls
[root@ip-172-31-93-162 ~]# pwd
/root
[root@ip-172-31-93-162 ~]# java --version
Unrecognized option: ---version
Error: Could not create the Java Virtual Machine.
Error: A fatal exception has occurred. Program will exit.
[root@ip-172-31-93-162 ~]# java --version
openjdk 17.0.8 2023-07-18 LTS
OpenJDK Runtime Environment Corretto-17.0.8.7.1 (build 17.0.8+7-LTS)
OpenJDK 64-Bit Server VM Corretto-17.0.8.7.1 (build 17.0.8+7-LTS, mixed mode, sharing)
[root@ip-172-31-93-162 ~]# ls
```

```
ec2-user@ip-172-31-93-162:~$ sudo yum install java
Last login: Wed Jul 26 11:47:30 2023 from 152.58.197.22
[ec2-user@ip-172-31-93-162 ~]$ sudo yum install java
Error: This command has to be run with superuser privileges (under the root user on most systems).
[ec2-user@ip-172-31-93-162 ~]$ sudo -y
usage: sudo -h | -K | -k | -V
usage: sudo -v [-ABKMNS] [-g group] [-h host] [-p prompt] [-u user]
usage: sudo -l [-ABKMNS] [-g group] [-h host] [-p prompt] [-U user] [-u user] [command [arg ...]]
usage: sudo [-ABEHKMNS] [-r role] [-t type] [-C num] [-D directory] [-g group] [-h host] [-p prompt] [-R directory] [-T timeout] [-u user] [VAR=value] [-i | -s] [command [arg ...]]
usage: sudo -e [-ABKMNS] [-r role] [-t type] [-C num] [-D directory] [-g group] [-h host] [-p prompt] [-R directory] [-T timeout] [-u user] file ...
[ec2-user@ip-172-31-93-162 ~]$ sudo -i
[root@ip-172-31-93-162 ~]# yum install java
Last metadata expiration check: 0:20:54 ago on Wed Jul 26 11:39:13 2023.
Package java-17-amazon-corretto-1:17.0.8+7-1.amzn2023.1.x86_64 is already installed.
Dependencies resolved.
Nothing to do.
Complete!
[root@ip-172-31-93-162 ~]# exit
logout
[ec2-user@ip-172-31-93-162 ~]# ls
spring-boot-aws-exe.jar
[ec2-user@ip-172-31-93-162 ~]# java -jar spring-boot-aws-exe.jar

:: Spring Boot ::
(v3.1.2)

2023-07-26T12:02:08.823Z INFO 26155 --- [main] c.b.SpringBootAwsExampleApplication : Starting SpringBootAwsExampleApplication v0.0.1-SNAPSHOT using Java 17.0.8 with PID 26155 (/home/ec2-user/spr
ing-boot-aws-exe.jar started by ec2-user in /home/ec2-user)
2023-07-26T12:02:08.828Z INFO 26155 --- [main] c.b.SpringBootAwsExampleApplication : No active profile set, falling back to 1 default profile: "default"
2023-07-26T12:02:11.152Z INFO 26155 --- [main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat initialized with port(s): 9094 (http)
2023-07-26T12:02:11.172Z INFO 26155 --- [main] o.apache.catalina.core.StandardService : Starting service [Tomcat]
2023-07-26T12:02:11.172Z INFO 26155 --- [main] o.apache.catalina.core.StandardEngine : Starting Servlet engine: [Apache Tomcat/10.1.11]
2023-07-26T12:02:11.452Z INFO 26155 --- [main] o.a.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring embedded WebApplicationContext
2023-07-26T12:02:11.463Z INFO 26155 --- [main] w.s.c.ServletWebServerApplicationContext : Root WebApplicationContext: initialization completed in 2468 ms
2023-07-26T12:02:12.767Z INFO 26155 --- [main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat started on port(s): 9094 (http) with context path ''
2023-07-26T12:02:12.809Z INFO 26155 --- [main] c.b.SpringBootAwsExampleApplication : Started SpringBootAwsExampleApplication in 5.05 seconds (process running for 6.061)
2023-07-26T12:07:42.704Z INFO 26155 --- [nio-9094-exec-1] o.a.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring DispatcherServlet 'dispatcherServlet'
2023-07-26T12:07:42.705Z INFO 26155 --- [nio-9094-exec-1] o.s.web.servlet.DispatcherServlet : Initializing Servlet 'dispatcherServlet'
2023-07-26T12:07:42.706Z INFO 26155 --- [nio-9094-exec-1] o.s.web.servlet.DispatcherServlet : Completed initialization in 1 ms
```


