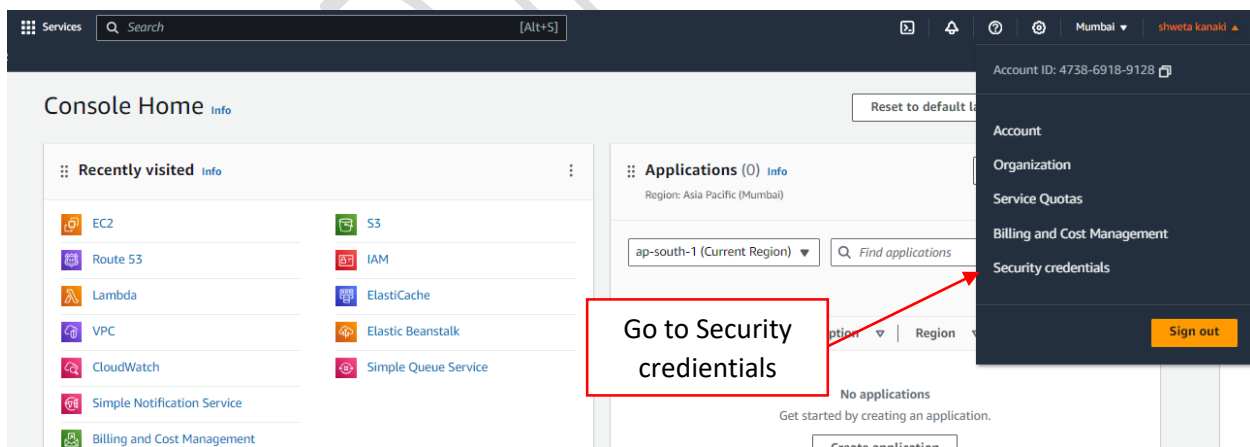
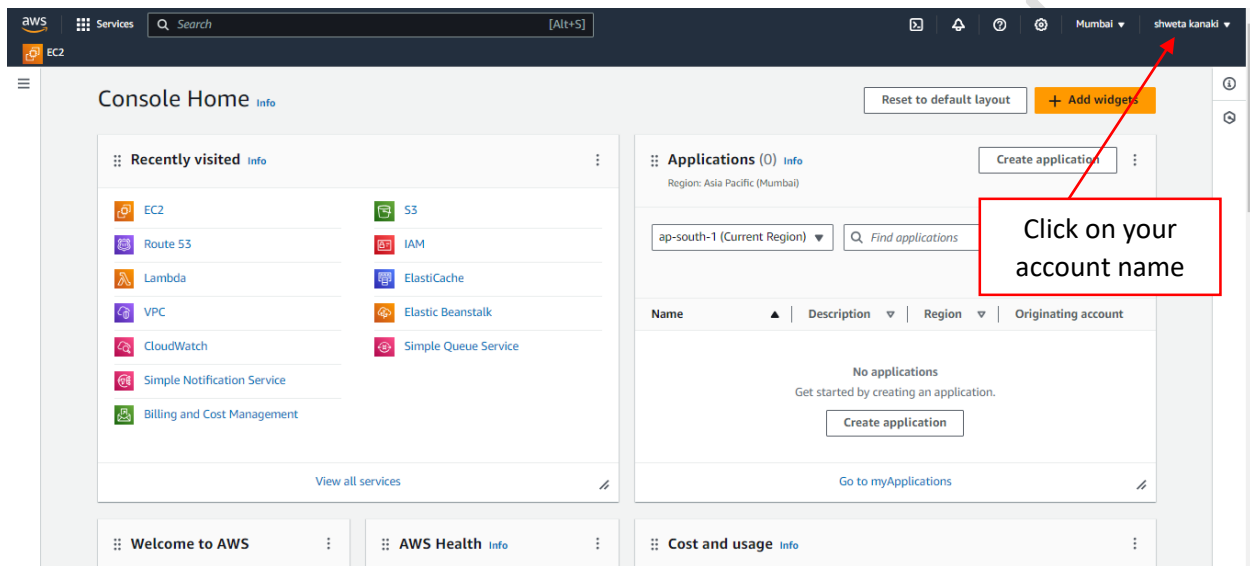
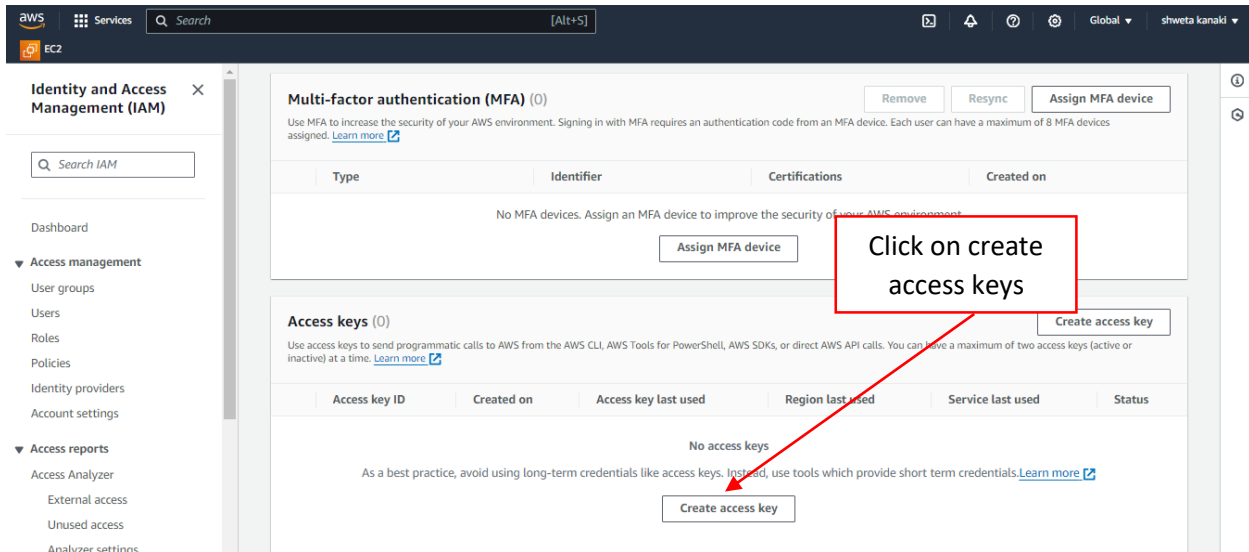


CREATE AWS ACCESS KEYS AND SECRET KEYS AND CONFIGURE IN EC2 INSTANCE USING AWS CLI

Go to AWS console





Multi-factor authentication (MFA) (0)

Use MFA to increase the security of your AWS environment. Signing in with MFA requires an authentication code from an MFA device. Each user can have a maximum of 8 MFA devices assigned. [Learn more](#)

Type	Identifier	Certifications	Created on
No MFA devices. Assign an MFA device to improve the security of your AWS environment.			

[Assign MFA device](#)

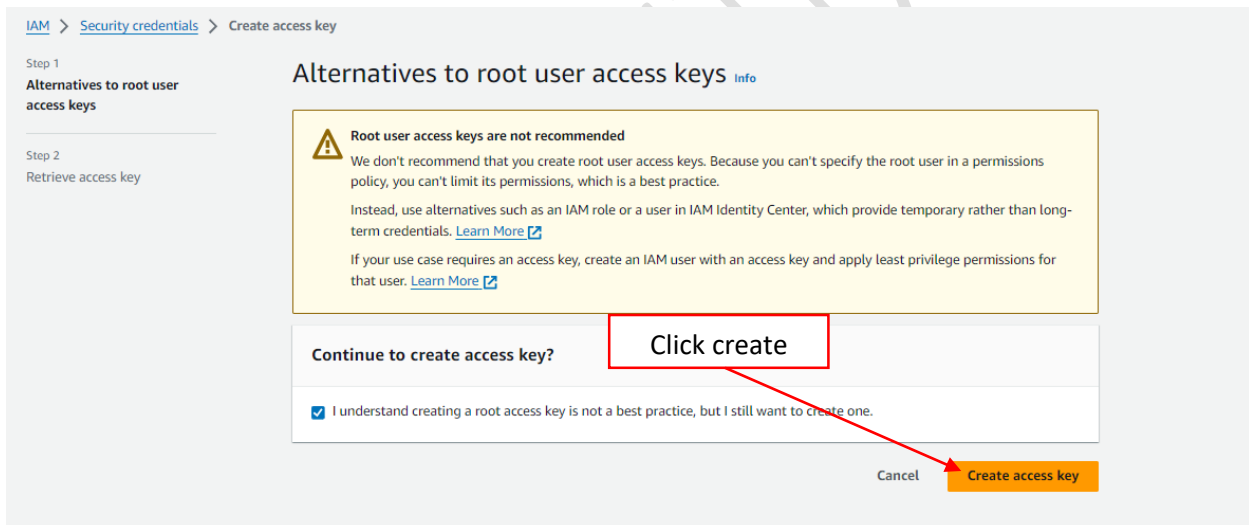
Access keys (0)

Use access keys to send programmatic calls to AWS from the AWS CLI, AWS Tools for PowerShell, AWS SDKs, or direct AWS API calls. You can have a maximum of two access keys (active or inactive) at a time. [Learn more](#)

Access key ID	Created on	Access key last used	Region last used	Service last used	Status
No access keys					

As a best practice, avoid using long-term credentials like access keys. Instead, use tools which provide short term credentials. [Learn more](#)

[Create access key](#)



Alternatives to root user access keys [Info](#)

Root user access keys are not recommended

We don't recommend that you create root user access keys. Because you can't specify the root user in a permissions policy, you can't limit its permissions, which is a best practice.

Instead, use alternatives such as an IAM role or a user in IAM Identity Center, which provide temporary rather than long-term credentials. [Learn More](#)

If your use case requires an access key, create an IAM user with an access key and apply least privilege permissions for that user. [Learn More](#)

Continue to create access key?

☒ I understand creating a root access key is not a best practice, but I still want to create one.

[Cancel](#) [Create access key](#)

Access key & Secret key is created

Access key created
This is the only time that the secret access key can be viewed or downloaded. You cannot recover it later. However, you can create a new access key any time.

[IAM](#) > [Security credentials](#) > Create access key

Step 1
[Alternatives to root user access keys](#)

Step 2
Retrieve access key

Retrieve access key [info](#)

Access key
If you lose or forget your secret access key, you cannot retrieve it. Instead, create a new access key and make the old key inactive.

Access key	Secret access key
AKIAW4VG0AAEC3U3UF65	***** Show

Access key best practices

- Never store your access key in plain text, in a code repository, or in code.
- Disable or delete access key when no longer needed.
- Enable least-privilege permissions.
- Rotate access keys regularly.

For more details about managing access keys, see the [best practices for managing AWS access keys](#).

Create a EC2 instance

aws [Alt+S] Mumbai

EC2

EC2 Dashboard
EC2 Global View
Events
▼ 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

Instances (1/2) [info](#)

[Connect](#) [Instance state](#) [Actions](#) [Launch instances](#)

[All states](#) 1

<input checked="" type="checkbox"/>	Name	Instance ID	Instance state	Instanc...	Status check	Alarm status	Availa
<input checked="" type="checkbox"/>	ec2-cloudinstitution	i-0a4db9903b89a8a52	Running	t2.micro	2/2 checks p...	View alarms	ap-sou

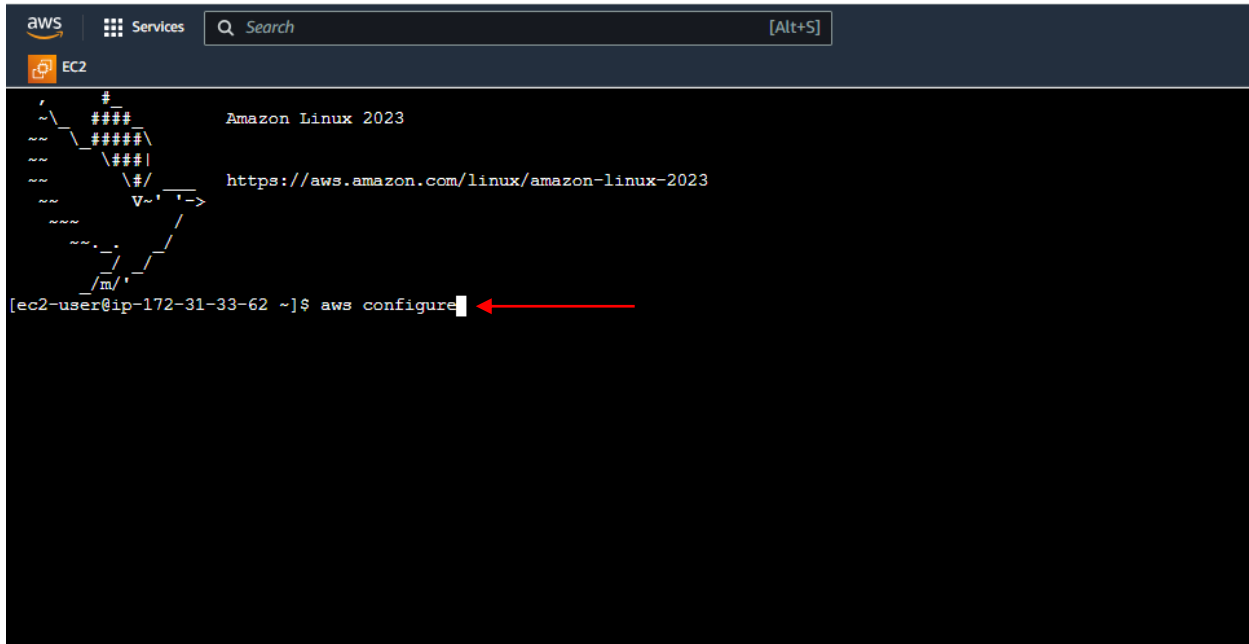
i-0a4db9903b89a8a52 (ec2-cloudinstitution)

[Details](#) [Status and alarms](#) [Monitoring](#) [Security](#) [Networking](#) [Storage](#) [Tags](#)

▼ **Instance summary [info](#)**

Instance ID i-0a4db9903b89a8a52 (ec2-cloudinstitution)	Public IPv4 address 3.110.30.252 open address	Private IPv4 addresses 172.31.33.62
IPv6 address -	Instance state Running	Public IPv4 DNS ec2-3-110-30-252.ap-south-1.compute.amazon open address

Login to your instance and configure aws

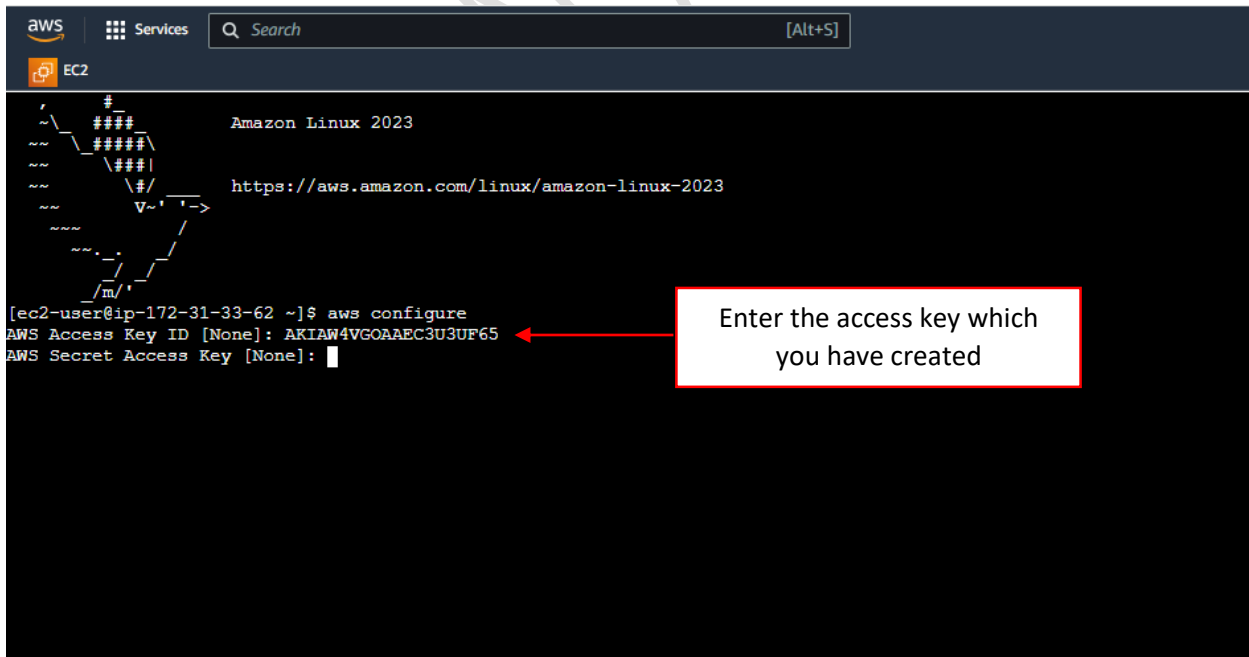


The screenshot shows the AWS Management Console interface. At the top, there's a navigation bar with the AWS logo, 'Services' menu, and a search bar. Below this, the 'EC2' icon is selected. The main content area displays the details of an EC2 instance named 'i-0a4db9903b89a8a52 (ec2-cloudinstitution)'. The instance is running 'Amazon Linux 2023'. The terminal window shows the command 'aws configure' being entered, with a red arrow pointing to the prompt.

```
aws | Services | Search [Alt+S]
EC2
Amazon Linux 2023
https://aws.amazon.com/linux/amazon-linux-2023
[ec2-user@ip-172-31-33-62 ~]$ aws configure
```

i-0a4db9903b89a8a52 (ec2-cloudinstitution)

PublicIPs: 3.110.30.252 PrivateIPs: 172.31.33.62



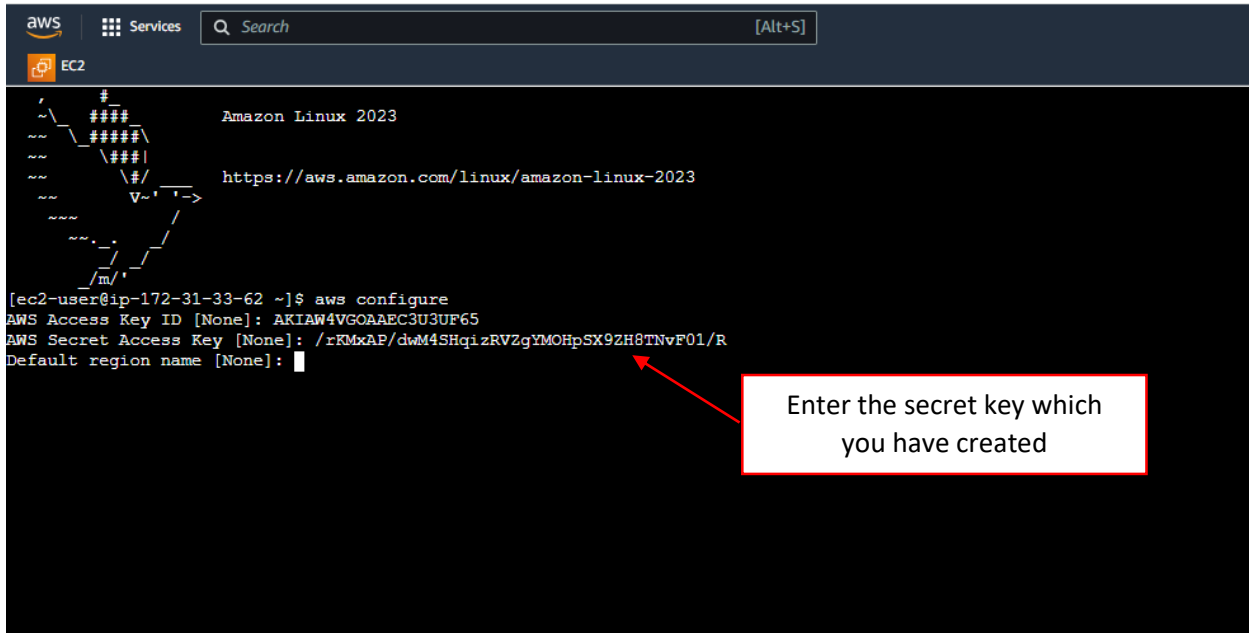
This screenshot shows the same AWS Management Console interface as the previous one, but the terminal window now shows the output of the 'aws configure' command. The 'AWS Access Key ID' is set to 'AKIAW4VGOAAEC3U3UF65'. A red arrow points to the 'AWS Secret Access Key' field, which is currently empty. A text box with a red border and an arrow points to this field, containing the instruction: 'Enter the access key which you have created'.

```
aws | Services | Search [Alt+S]
EC2
Amazon Linux 2023
https://aws.amazon.com/linux/amazon-linux-2023
[ec2-user@ip-172-31-33-62 ~]$ aws configure
AWS Access Key ID [None]: AKIAW4VGOAAEC3U3UF65
AWS Secret Access Key [None]:
```

Enter the access key which you have created

i-0a4db9903b89a8a52 (ec2-cloudinstitution)

PublicIPs: 3.110.30.252 PrivateIPs: 172.31.33.62



```
aws
Services
Search [Alt+S]

EC2

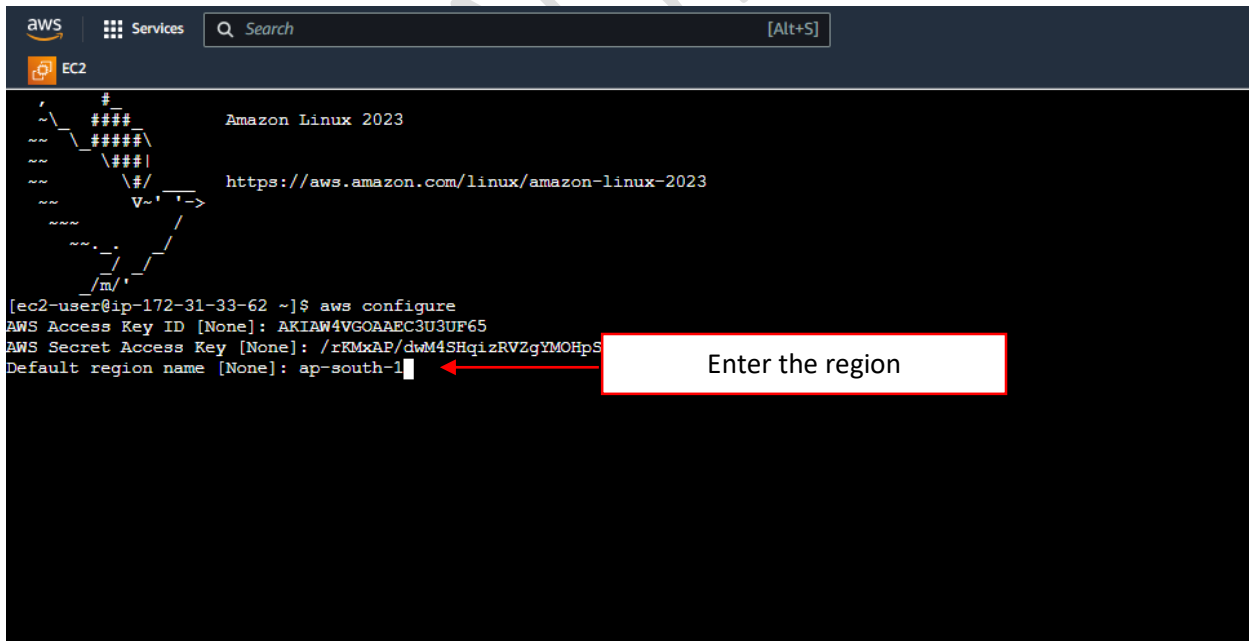
Amazon Linux 2023
https://aws.amazon.com/linux/amazon-linux-2023

[ec2-user@ip-172-31-33-62 ~]$ aws configure
AWS Access Key ID [None]: AKIAW4VGOAAEC3U3UF65
AWS Secret Access Key [None]: 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
Default region name [None]:
```

Enter the secret key which you have created

i-0a4db9903b89a8a52 (ec2-cloudinstitution)

PublicIPs: 3.110.30.252 PrivateIPs: 172.31.33.62



```
aws
Services
Search [Alt+S]

EC2

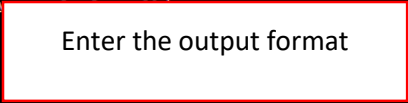
Amazon Linux 2023
https://aws.amazon.com/linux/amazon-linux-2023

[ec2-user@ip-172-31-33-62 ~]$ aws configure
AWS Access Key ID [None]: AKIAW4VGOAAEC3U3UF65
AWS Secret Access Key [None]: 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
Default region name [None]: ap-south-1
```

Enter the region

i-0a4db9903b89a8a52 (ec2-cloudinstitution)

PublicIPs: 3.110.30.252 PrivateIPs: 172.31.33.62



command **"cat ~/.aws/credentials"**



```
aws | Services | Search [Alt+S]
EC2
[ec2-user@ip-172-31-33-62 ~]$ cat ~/.aws/credentials
[default]
aws_access_key_id = ARIAN4VG0AAEC3U3UP65
aws_secret_access_key = /rKMxAP/dwM4SHqizRVZgYMOHpSX9ZH8TNvF01/R
[ec2-user@ip-172-31-33-62 ~]$ cat ~/.aws/config ←
[default]
region = ap-south-1
output = json
[ec2-user@ip-172-31-33-62 ~]$
```

i-0a4db9903b89a8a52 (ec2-cloudinstitution)

PublicIPs: 3.110.30.252 PrivateIPs: 172.31.33.62