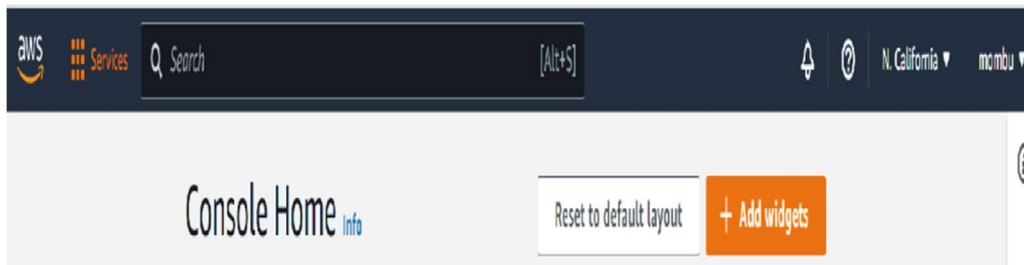


## PRACTICAL 5

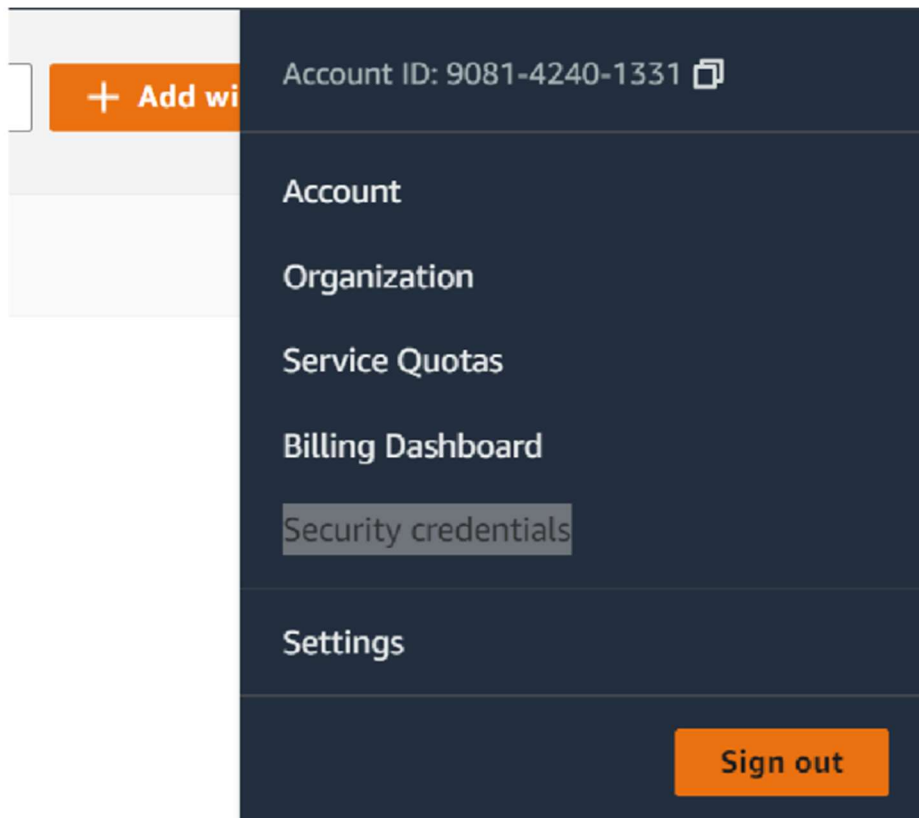
**Aim: Study and implementation of identity management**

**STEPS:**

1. Go to [aws.amazon.com](https://aws.amazon.com) and login as root user.



2. Click on Security credentials.



3. Then you will get the Identity and Access management page.

**Identity and Access Management (IAM)**

Search IAM

Dashboard

▼ Access management

- User groups
- Users
- Roles
- Policies
- Identity providers
- Account settings

▼ Access reports

- Access analyzer
- Archive rules

▼ Access sessions

**My security credentials (root user)**

The root user has access to all AWS resources in this account, and we recommend following [best practices](#). To learn more about the types of AWS credentials and how they're used, see [AWS Security Credentials](#) in AWS General Reference.

**MFA not activated for root user**  
The root user for this account does not have multi-factor authentication (MFA) activated. Activate MFA to improve security for this account. [Assign MFA](#)

**Account details** [Edit account name, email, and password](#)

Account name mombu	Email address mombu.nayana@gmail.com
AWS account ID 908142401331	Canonical user ID c766b47ae35a21db07febac6cd2a4dc6fca5009f9e01b80468a

4. Click on users and you will get the following page.

**Identity and Access Management (IAM)**

Search IAM

Dashboard

▼ Access management

- User groups
- Users**
- Roles
- Policies
- Identity providers
- Account settings

▼ Access reports

- Access analyzer
- Archive rules

▼ Access sessions

**Ready to streamline human access to AWS and cloud apps?**  
[Dismiss](#) [Manage workforce users](#)

Identity Center is enabled. We recommend managing workforce users' access to AWS accounts and cloud applications in Identity Center.  
[Learn more](#) | [Watch how it works](#)

**Users (0)** [Info](#)

An IAM user is an identity with long-term credentials that is used to interact with AWS in an account.

[Find users by username or access key](#)

[Add users](#)

User name	Groups	Last activity	MFA	Password age
No resources to display				

5. Click on Add users as shown below.

IAM &gt; Users &gt; Create user

Step 1

**Specify user details**

Step 2

Set permissions

Step 3

Review and create

## Specify user details

### User details

User name

The user name can have up to 64 characters. Valid characters: A-Z, a-z, 0-9, and + = , . @ \_ - (hyphen)

☐ Enable console access - *optional*

Enables a password that allows users to sign in to the AWS Management Console.

[For programmatic access, you can generate access keys after you create the user. Learn more](#)

Cancel

Next

## 6. Click on enable console access

Step 2

Set permissions

Step 3

Review and create

Step 4

Retrieve password

### User details

User name

The user name can have up to 64 characters. Valid characters: A-Z, a-z, 0-9, and + = , . @ \_ - (hyphen)

☒ Enable console access - *optional*

Enables a password that allows users to sign in to the AWS Management Console.

#### Console password

☒ Autogenerated password

You can view the password after you create the user.

☐ Custom password

Enter a custom password for the user.

- Must be at least 8 characters long
- Must include at least three of the following mix of character types: uppercase letters (A-Z), lowercase letters (a-z), numbers (0-9), and symbols ! @ # \$ % ^ & \* ( ) \_ + - (hyphen) = [ ] { } | ' "

☐ Show password

## 7. Enter username. Click on custom password as shown. Then enter the password for the user, click next, you will get the following page.

Step 3

**Review and create**

Step 4

Retrieve password

User name shweta	Console password type Custom password	Require password reset Yes
---------------------	--	-------------------------------

**Permissions summary**

< 1 >

Name	Type	Used as
IAMUserChangePassword	AWS managed	Permissions policy

**Tags - optional**

Tags are key-value pairs you can add to AWS resources to help identify, organize, or search for resources. Choose any tags you want to associate with this user.

No tags associated with the resource.

[Add new tag](#)

## 8. Click on create user.

IAM &gt; Users &gt; Create user

Step 1

Specify user details

Step 2

Set permissions

Step 3

Review and create

Step 4

**Retrieve password**

## Retrieve password

You can view and download the user's password below or email users instructions for signing in to the AWS Management Console. This is the only time you can view and download this password.

<b>Console sign-in details</b>	<a href="#">Email sign-in instructions</a>
Console sign-in URL <a href="https://908142401331.signin.aws.amazon.com/console">https://908142401331.signin.aws.amazon.com/console</a>	
User name shweta	
Console password Shweta123@ <a href="#">Hide</a>	

[Download .csv file](#)
[Return to users list](#)

## 9. Copy the console sign in URL in the task bar, you get the following page.



## Sign in as IAM user

Account ID (12 digits) or account alias

IAM user name

Password

☒ Remember this account

**Sign in**

[Sign in using root user email](#)

[Forgot password?](#)

10. Enter the IAM username and password.

**AWS account** 908142401331

**IAM user name** shweta

**Old password**

**New password**

**Retype new password**

**Confirm password change**

[Sign in using root user email](#)

11. Enter old password, new password, retype new password and click on confirm password change. User will be logged.

