

# 02 Assignment - AWS Cloud

Name: Pooja Prakash Belgaumkar

## 2. L2 - Login to AWS Console and Create IAM User, Role, and Group

### a) User Group

- Creating the Developers named User Group with **AmazonEC2FullAccess** permission

The screenshot shows the AWS IAM 'Create user group' wizard. The top navigation bar includes the AWS logo, search, notifications, and account information (Account ID: 7871-6932-0097, PoojaPrakash). The current step is 'Create user group' under 'User groups'.

**Add users to the group - Optional (0)** Info

An IAM user is an entity that you create in AWS to represent the person or application that uses it to interact with AWS.

Search:  (1 result)

User name	Group	Last activity	Creation time
No resources to display			

**Attach permissions policies - Optional (1/1109)** Info

You can attach up to 10 policies to this user group. All the users in this group will have permissions that are defined in the selected policies.

Filter by Type

Policy name	Type	Use...	Description
<input checked="" type="checkbox"/> AmazonEC2FullAccess	AWS managed	None	Provides full access to Amazon EC2 via...

**Buttons:** Cancel, Create user group

The screenshot shows the AWS IAM User Groups page. The top navigation bar includes the AWS logo, search, notifications, and account information (Account ID: 7871-6932-0097, Global, PoojaPrakash). The URL is IAM > User groups > Developers. The main section is titled "Developers" with an "Info" link and a "Delete" button. A summary box displays the User group name (Developers), Creation time (January 02, 2026, 00:09 (UTC+05:30)), and ARN (arn:aws:iam::787169320097:group/Developers). Below the summary are tabs for "Users" (selected), "Permissions", and "Access Advisor". The "Users in this group (0)" section includes a search bar, a table header with columns for User name, Groups, Last activity, and Creation time, and a message stating "No resources to display".

## b) IAM User

- Creating IAM user dev-user with custom password and adding to the Developers group

The screenshot shows the AWS IAM Create User wizard at Step 3: Review and create. The left sidebar lists steps: Step 1 (Specify user details), Step 2 (Set permissions), Step 3 (Review and create), Step 4 (Retrieve password). The main area is titled "Review and create" with a sub-section "User details". It shows the User name (dev-user), Console password type (Custom password), and Require password reset (Yes). Below this is a "Permissions summary" table:

Name	Type	Used as
Developers	Group	Permissions group
IAMUserChangePassword	AWS managed	Permissions policy

The "Tags - optional" section indicates that tags are key-value pairs used to identify, organize, or search for resources. It shows "No tags associated with the resource." and an "Add new tag" button. A note states "You can add up to 50 more tags." At the bottom are "Cancel", "Previous", and a large orange "Create user" button.

- Logged in as dev-user IAM user

The screenshot shows the AWS Console Home page. At the top right, there is a context menu for the user "dev-user". The menu includes:

- Account ID: 7871-6932-0097
- Account color: dev-user (highlighted)
- Access denied (with a red circle icon)
- IAM user: dev-user
- Account
- Organization
- Service Quotas
- Billing and Cost Management
- Security credentials
- Console Mobile App

Below the menu, there are several sections:

- Recently visited**: No recently visited services.
- Applications (0)**: Region: Europe (Stockholm). Select Region: eu-north-1 (Current Region).
- Welcome to**, **AWS**, **Cost and usage**.

At the bottom right of the page are three buttons: "Turn on multi-session support", "Switch role", and "Sign out".

## c) Role

- Creating IAM Role with EC2-S3-ReadRole permission.

**Role details**

**Role name**  
Enter a meaningful name to identify this role.  
  
Maximum 64 characters. Use alphanumeric and '+,-,@-\_` characters.

**Description**  
Add a short explanation for this role.  
  
Maximum 1000 characters. Use letters (A-Z and a-z), numbers (0-9), tabs, new lines, or any of the following characters: \_+=,. @-/\\[{}!#\$%^&.,`

### Step 1: Select trusted entities

Edit

**Trust policy**

```
1 {  
2   "Version": "2012-10-17",  
3   "Statement": [  
4     {  
5       "Effect": "Allow",  
6       "Action": [  
7         "sts:AssumeRole"  
8       ],  
9       "Principal": {  
10         "Service": [  
11           "ec2.amazonaws.com"  
12         ]  
13       }  
14     }  
15   ]  
16 }
```

### Step 2: Add permissions

Edit

**Permissions policy summary**

Policy name	Type	Attached as
<a href="#">AmazonS3ReadOnlyAccess</a>	AWS managed	Permissions policy

### Step 3: Add tags

**Add tags - optional** Info

Tags are key-value pairs that you can add to AWS resources to help identify, organize, or search for resources.

No tags associated with the resource.

[Add new tag](#)

You can add up to 50 more tags.

Cancel

Previous

Create role