

Identity and Access Management (IAM)

Objectives

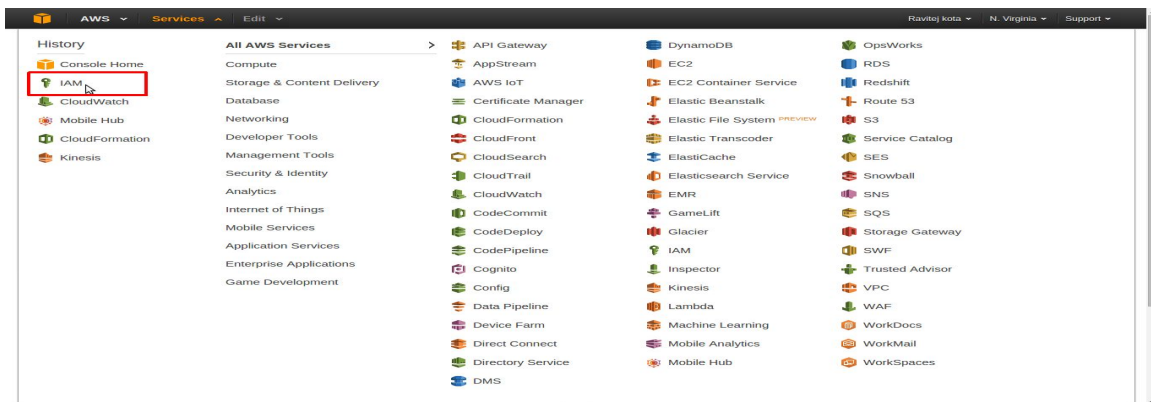
- Creating IAM User (s) / Group (s) / Attaching Policies

Pre-Requisites

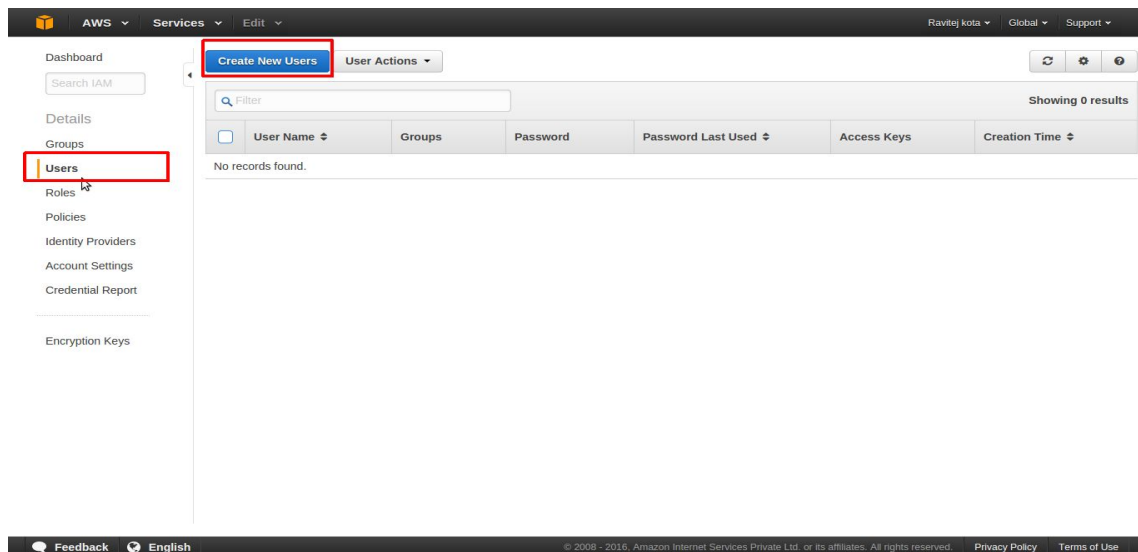
- AWS Account (Signup User) (Sign Up Account)
- Basic knowledge on AWS Services
- Practical knowledge on AWS CLI / AWS Console

Instructions

1. Go to Services -> Select IAM



2. Select Users -> Click on Create User



3. Create a new user by providing a username and click on create

Create User

Enter User Names:

1. testuser
- 2.
- 3.
- 4.
- 5.

Maximum 64 characters each

☒ Generate an access key for each user

Users need access keys to make secure REST or Query protocol requests to AWS service APIs.
For users who need access to the AWS Management Console, create a password in the Users panel after completing this wizard.

Cancel Create

Downloading Credentials

This file will have the Access Key Id and the Secret Access Key for this user. We will need to use these credentials to connect remotely to AWS.

1. Select the Users -> Click on Security Credential tab -> Click on Create Access Key

Dashboard

Search IAM

Details

Groups

Users

Roles

Policies

Identity Providers

Account Settings

Credential Report

Encryption Keys

IAM > Users > testuser

Summary

User ARN: arn:aws:iam::121723068796:user/testuser

Has Password: No

Groups (for this user): 0

Path: /

Creation Time: 2016-05-04 12:14 UTC+0530

Groups Permissions **Security Credentials** Access Advisor

Access Keys

Use access keys to make secure REST or Query protocol requests to any AWS service API. For your protection, you should never share your secret keys with anyone. In addition, industry best practice recommends frequent key rotation. [Learn more about Access Keys](#)

This user does not currently have any access keys.

Create Access Key

Sign-In Credentials

User Name	testuser	Manage Password
Password	No	
Last Used	N/A	

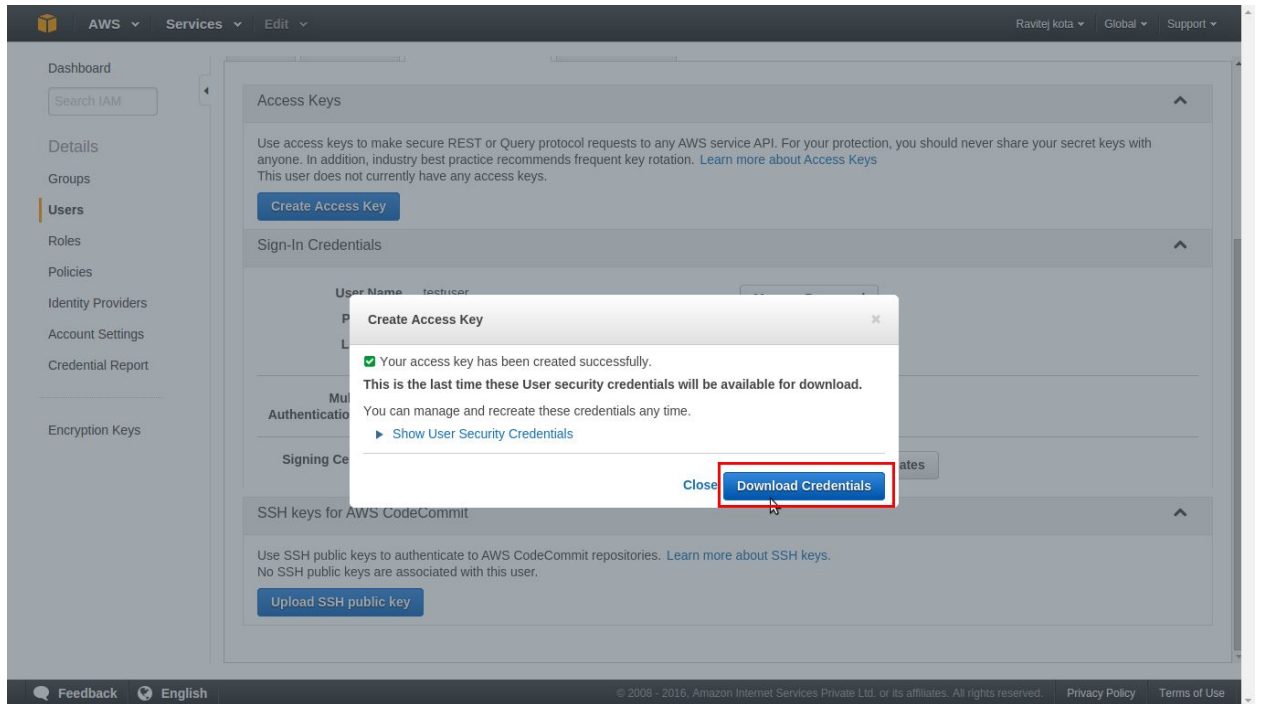
Multi-Factor Authentication

Multi-Factor	No	Manage MFA Device
--------------	----	-------------------

Feedback English

© 2008 - 2016, Amazon Internet Services Private Ltd. or its affiliates. All rights reserved. Privacy Policy Terms of Use

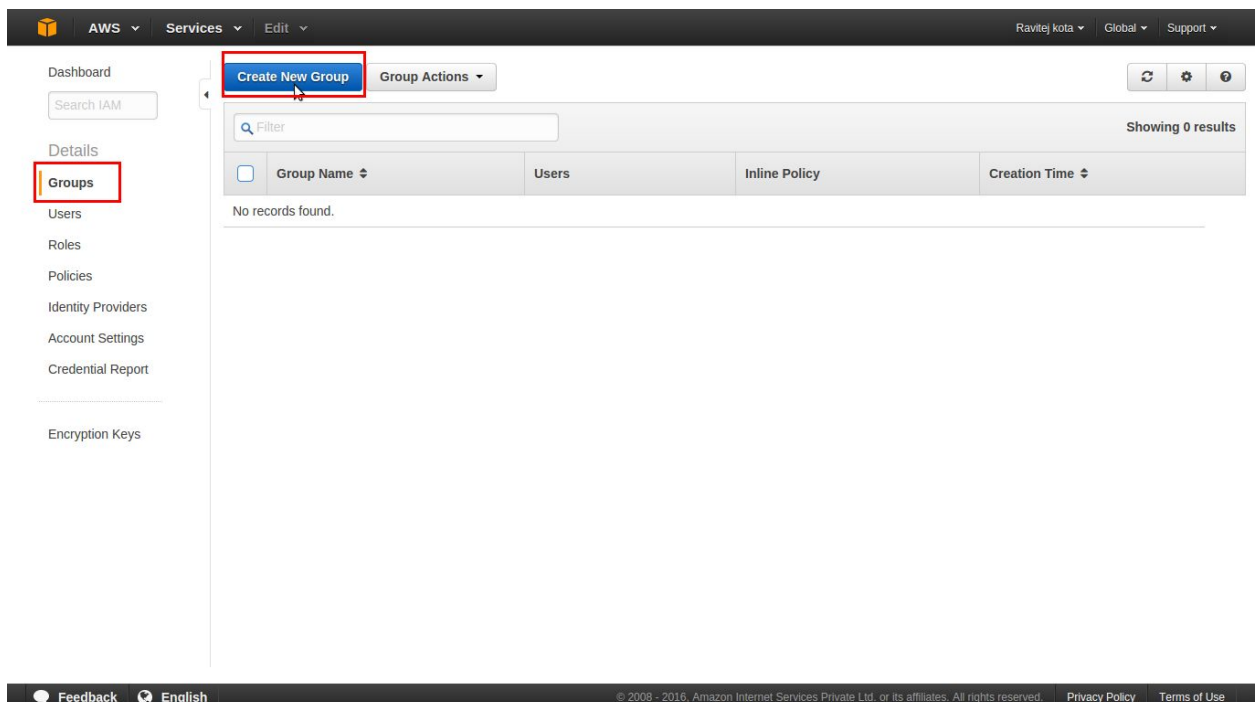
2. Click on Download Credentials



Note: Keep the file somewhere. Configuration file : ~/.aws/credentials

Creating Group & Attach Policy

1. Select Groups -> Click on Create New Group



2. Enter the Group Name and Click on Next Step

The screenshot shows the 'Set Group Name' step of the 'Create New Group Wizard'. The left sidebar lists the steps: Step 1: Group Name (active), Step 2: Attach Policy, and Step 3: Review. The main area has the title 'Set Group Name' and the instruction 'Specify a group name. Group names can be edited any time.' Below this, there is a 'Group Name' label and a text input field containing 'my-test-group'. A tooltip below the input field says 'Example: Developers or ProjectAlpha' and 'Maximum 128 characters'. At the bottom right, there are 'Cancel' and 'Next Step' buttons. The 'Next Step' button is highlighted with a red box.

Create New Group Wizard

Step 1: Group Name
Step 2: Attach Policy
Step 3: Review

Set Group Name

Specify a group name. Group names can be edited any time.

Group Name:

Example: Developers or ProjectAlpha
Maximum 128 characters

Cancel Next Step

3. Attach any Policy to Group and Click on Next Step (Administrator Access)

The screenshot shows the 'Attach Policy' step of the 'Create New Group Wizard'. The left sidebar lists the steps: Step 1: Group Name, Step 2: Attach Policy (active), and Step 3: Review. The main area has the title 'Attach Policy' and the instruction 'Select one or more policies to attach. Each group can have up to 10 policies attached.' Below this, there is a filter section with 'Policy Type' and a search box. A table lists 197 results. The first row, 'AdministratorAccess', is selected with a checked checkbox. At the bottom right, there are 'Cancel', 'Previous', and 'Next Step' buttons. The 'Next Step' button is highlighted with a red box.

Create New Group Wizard

Step 1: Group Name
Step 2: Attach Policy
Step 3: Review

Attach Policy

Select one or more policies to attach. Each group can have up to 10 policies attached.

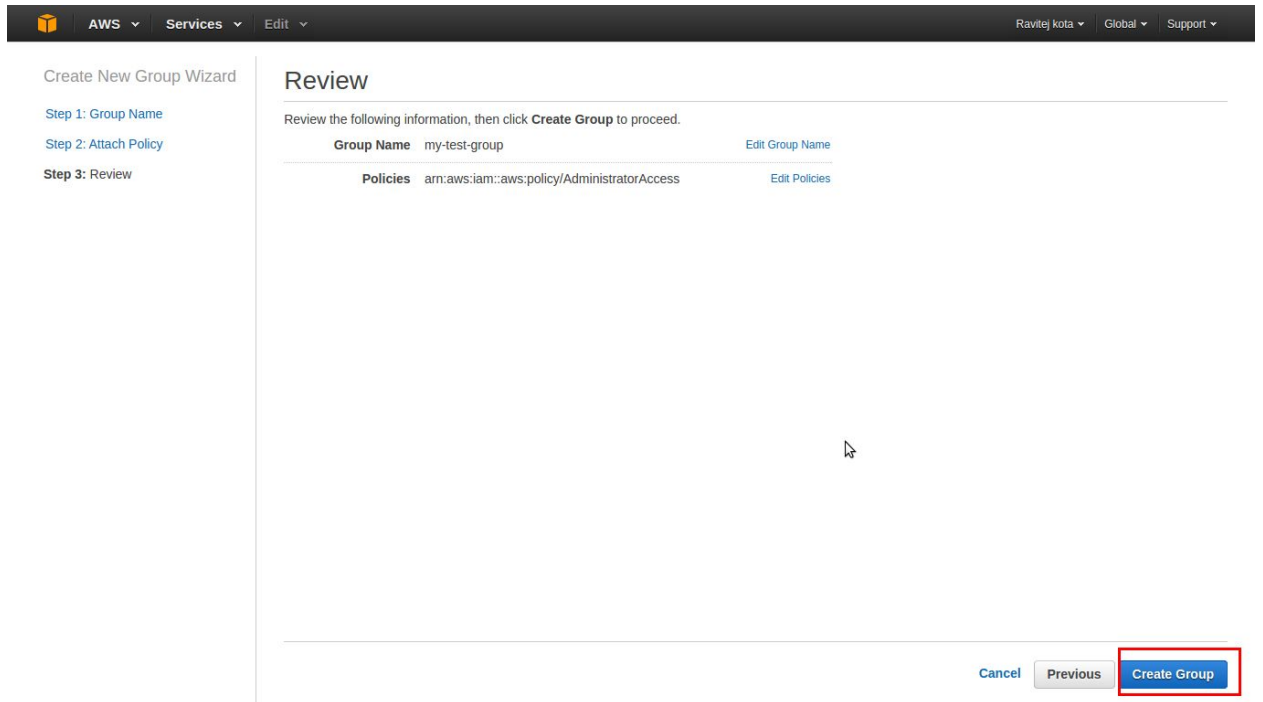
Filter: Policy Type

Showing 197 results

	Policy Name	Attached Entities	Creation Time	Edited Time
<input checked="" type="checkbox"/>	AdministratorAccess	0	2015-02-07 00:09 UTC+0530	2015-02-07 00:09 UTC+0530
<input type="checkbox"/>	AmazonAPIGatewayAdministrat...	0	2015-07-09 23:04 UTC+0530	2015-07-09 23:04 UTC+0530
<input type="checkbox"/>	AmazonAPIGatewayInvokeFullA...	0	2015-07-09 23:06 UTC+0530	2015-07-09 23:06 UTC+0530
<input type="checkbox"/>	AmazonAPIGatewayPushToClo...	0	2015-11-12 05:11 UTC+0530	2015-11-12 05:11 UTC+0530
<input type="checkbox"/>	AmazonAppStreamFullAccess	0	2015-02-07 00:10 UTC+0530	2015-02-07 00:10 UTC+0530
<input type="checkbox"/>	AmazonAppStreamReadOnlyAc...	0	2015-02-07 00:10 UTC+0530	2015-02-07 00:10 UTC+0530
<input type="checkbox"/>	AmazonCognitoDeveloperAuthe...	0	2015-03-24 22:52 UTC+0530	2015-03-24 22:52 UTC+0530
<input type="checkbox"/>	AmazonCognitoPowerUser	0	2015-03-24 22:44 UTC+0530	2015-03-24 22:44 UTC+0530
<input type="checkbox"/>	AmazonCognitoReadOnly	0	2015-03-24 22:36 UTC+0530	2015-03-24 22:36 UTC+0530
<input type="checkbox"/>	AmazonDMSCloudWatchLogsR...	0	2016-01-08 05:14 UTC+0530	2016-01-08 05:14 UTC+0530
<input type="checkbox"/>	AmazonDMSRedshiftS3Role	0	2016-04-20 22:35 UTC+0530	2016-04-20 22:35 UTC+0530
<input type="checkbox"/>	AmazonDMSVPCManagementR...	0	2015-11-18 02:03 UTC+0530	2015-12-18 02:39 UTC+0530

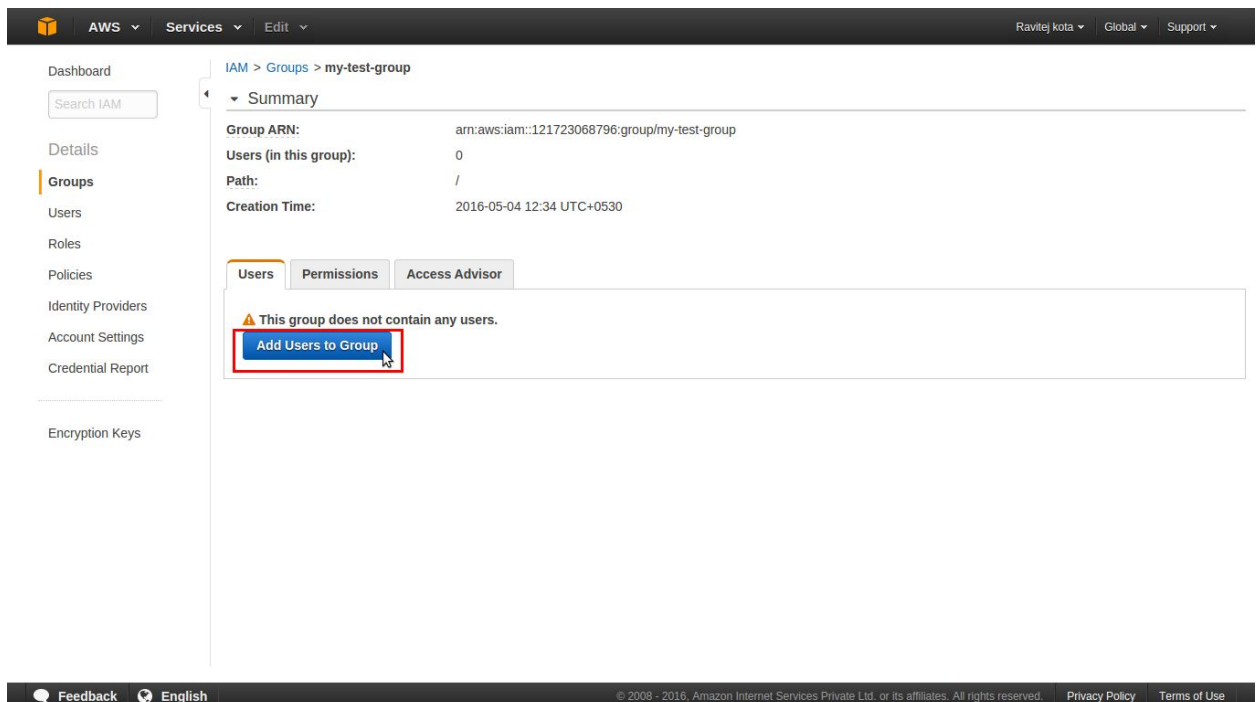
Cancel Previous Next Step

4. Review the information and Click on Create Group



Add Users to Group

1. Select Groups -> Click on Users tab -> Click on Add Users to Group



2. Click on Add Users

AWS Services Edit Ravitej kota Global Support

Add Users to Group

Select users to add to the group my-test-group

Filter

Showing 1 results

<input type="checkbox"/>	User Name	Groups	Password	Password Last Used	Access Keys	Creation Time
<input checked="" type="checkbox"/>	testuser	0		N/A	2 active	2016-05-04 12:14 UT..

Cancel Add Users

3. The existing user added to group

AWS Services Edit Ravitej kota Global Support

Dashboard Search IAM

Details

Groups

Users

Roles

Policies

Identity Providers

Account Settings

Credential Report

Encryption Keys

IAM > Groups > my-test-group

Summary

Group ARN: arn:aws:iam::121723068796:group/my-test-group

Users (in this group): 1

Path: /

Creation Time: 2016-05-04 12:34 UTC+0530

Users Permissions Access Advisor

This view shows all users in this group: 1 User

Remove Users from Group Add Users to Group

User	Actions
testuser	Remove User from Group

Feedback English © 2008 - 2016, Amazon Internet Services Private Ltd. or its affiliates. All rights reserved. Privacy Policy Terms of Use

Note: We can Create our own policies and rules also to manage users.

***** Thank You *****