

Tasks To Be Performed:

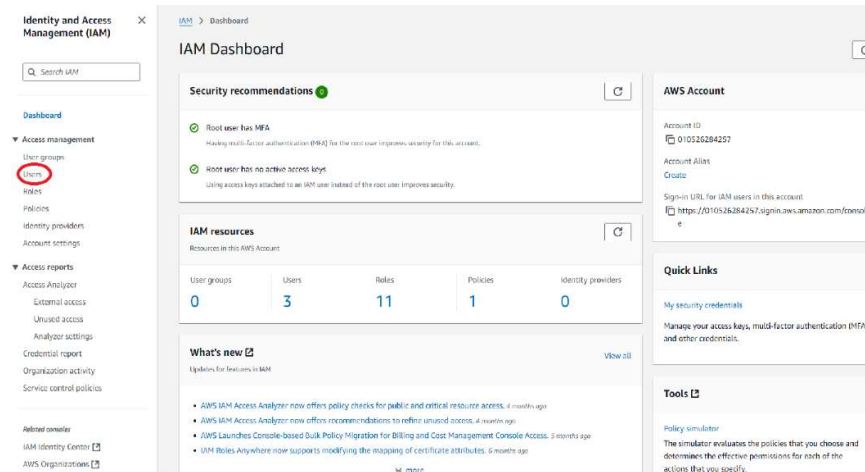
1. Create 4 IAM users named “Dev1”, “Dev2”, “Test1”, and “Test2”.
2. Create 2 groups named “Dev Team” and “Ops Team”.
3. Add Dev1 and Dev2 to the Dev Team.
4. Add Dev1, Test1 and Test2 to the Ops Team.

Solution:

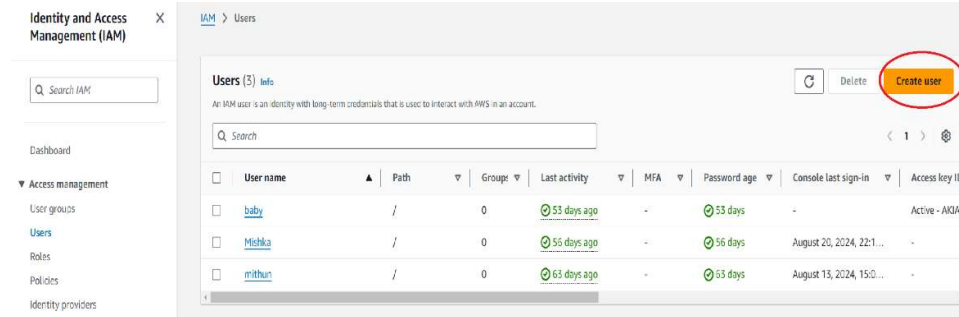
To Create 4 IAM users named “Dev1”, “Dev2”, “Test1”, and “Test2”:

- a) First login to your management console and go to the IAM dashboard.

On the left side click on users .



- b) Click create user.



- c) Give the first username = Dev1 , enable access to management console. Go with and click next. Enable “I want to create an IAM user”. We can choose autogenerated/custom password as per our need. Click on next.

User name: Dev1

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

☒ Provide user access to the AWS Management Console - optional
If you're providing console access to a person, it's a best practice to manage their access in IAM Identity Center.

Are you providing console access to a person?

User type

☐ Specify a user in Identity Center - Recommended
We recommend that you use Identity Center to provide console access to a person. With Identity Center, you can centrally manage user access to their AWS accounts and cloud applications.

☒ I want to create an IAM user
We recommend that you create IAM users only if you need to enable programmatic access through access keys, service-specific credentials for AWS CodeCommit or Amazon Keyspaces, or a backup credential for emergency account access.

Console password

☒ Autogenerated password
You can view the password after you create the user.

☐ Custom password
Enter a custom password for the user.

☐ Show password

☐ Users must create a new password at next sign-in - Recommended
Users automatically get the IAM:ChangePassword policy to allow them to change their own password.

☒ If you are creating programmatic access through access keys or service-specific credentials for AWS CodeCommit or Amazon Keyspaces, you can generate them after you create this IAM user. [Learn more](#)

Cancel Next

d) In set permissions we can attach policies and permissions. For now I am going with default. Click next.

Step 1: [Specify user details](#)

Step 2: **Set permissions**

Step 3: [Review and create](#)

Step 4: [Retrieve password](#)

Set permissions

Add user to an existing group or create a new one. Using groups is a best-practice way to manage user's permissions by job functions. [Learn more](#)

Permissions options

☒ Add user to group
Add user to an existing group, or create a new group. We recommend using groups to manage user permissions by job function.

☐ Copy permissions
Copy all group memberships, attached managed policies, and inline policies from an existing user.

☐ Attach policies directly
Attach a managed policy directly to a user. As a best practice, we recommend attaching policies to a group instead, then, add the user to the appropriate group.

[Get started with groups](#)
Create a group and select policies to attach to the group. We recommend using groups to manage user permissions by job function, AWS service access, or custom permissions. [Learn more](#)

Create group

Set permissions boundary - optional

Cancel Previous Next

e) Review all the details and click create user.

Step 1: [Specify user details](#)

Step 2: [Set permissions](#)

Step 3: **Review and create**

Step 4: [Retrieve password](#)

Review and create

Review your choices. After you create the user, you can view and download the autogenerated password, if enabled.

User details

User name	Console password type	Require password reset
Dev1	Autogenerated	No

Permissions summary

Name	Type	Used as
No resources		

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.

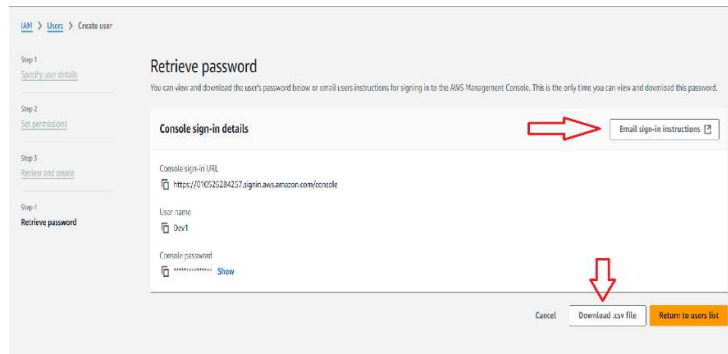
No tags associated with the resource.

Add new tag

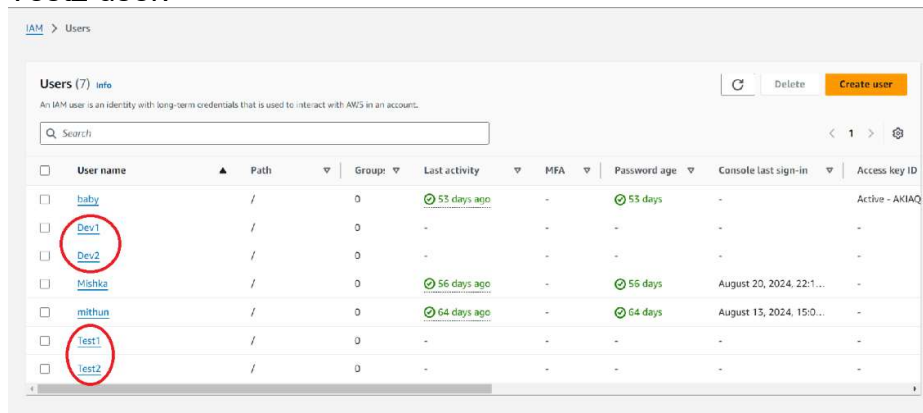
You can add up to 50 more tags.

Cancel Previous Create user

f) Under retrieve password download.csv file and we can email instructions also to the specific user. This is the only time we can view and download the password.

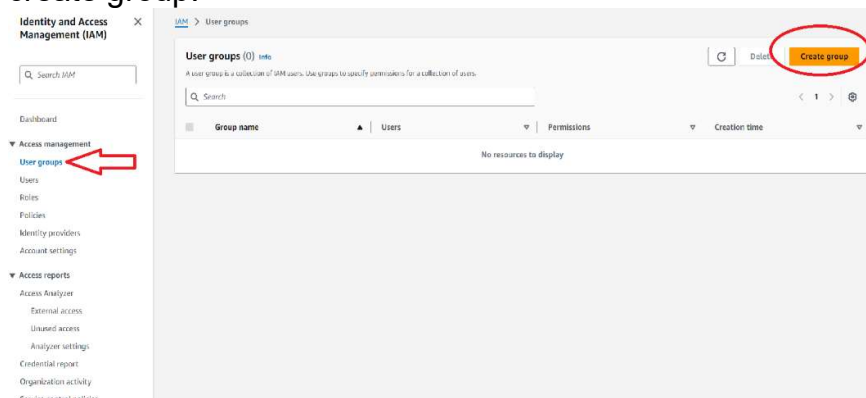


g) So Dev1 user is created. In the same way we create Dev2, Test1 and Test2 user.



**To Create 2 groups named “Dev Team” and “Ops Team”,
Add Dev1 and Dev2 to the Dev Team,
Add Dev1, Test1 and Test2 to the Ops Team:**

a) On the left side of IAM console click on user groups and then click create group.



b) Give name of the group Dev-team. Click the checkboxes of Dev1 and Dev2 user to add them to the Dev-team group. User group created.

Name the group

User group name
Enter a meaningful name to identify this group.

Dev team

Maximum 128 characters. Use alphanumeric and *+,@,_, characters.

Add users to the group - Optional (2/7) [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

User name	Groups	Last activity	Creation time
haby	0	None	1 month ago
<input checked="" type="checkbox"/> Dev1	0	None	12 minutes ago
<input checked="" type="checkbox"/> Dev2	0	None	7 minutes ago
Mishka	0	1 month ago	1 month ago
mihun	0	2 months ago	2 months ago
Test1	0	None	7 minutes ago
Test2	0	None	6 minutes ago

- c) Again create one more group ops-team . Click the checkboxes of Dev1 Test1 and Test2 user to add them to the ops-team group. User group created.

Create user group

Name the group

User group name
Enter a meaningful name to identify this group.

ops-team

Maximum 128 characters. Use alphanumeric and *+,@,_, characters.

Add users to the group - Optional (3/7) [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

User name	Groups	Last activity	Creation time
haby	0	None	1 month ago
<input checked="" type="checkbox"/> Dev1	1	None	17 minutes ago
Dev2	1	None	13 minutes ago
Mishka	0	1 month ago	1 month ago
mihun	0	2 months ago	2 months ago
<input checked="" type="checkbox"/> Test1	0	None	12 minutes ago
<input checked="" type="checkbox"/> Test2	0	None	11 minutes ago

- d) So my two groups created .

[IAM](#) > [User groups](#)

User groups (2) [Info](#)

A user group is a collection of IAM users. Use groups to specify permissions for a collection of users.

Search

Group name	Users	Permissions	Creation time
<input checked="" type="checkbox"/> Dev-team	2	Not defined	3 minutes ago
<input checked="" type="checkbox"/> ops-team	3	Not defined	Now