

ASSIGNMENT 1

NAME - NAVYA MONGIA

AWS CLOUD COMPUTING

Assignment 1

Working with IAM

Create 3 Users

Create one group

Set user permissions

Set a unique group permission

Add users to group

Login as the IAM user

Show the the user permission and the group permissions are applied

Check which policy gives access to IAM.



Identity and Access Management (IAM)

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 - Credential report
 - Organization activity
 - Service control policies (SCPs)

Introducing the new Users list experience
We've redesigned the Users list experience to make it easier to use. Let us know what you think.

IAM > Users

Users (0) [Info](#)

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

[Add users](#)

< 1 >

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

Set user details

You can add multiple users at once with the same access type and permissions. [Learn more](#)

User name* Bhavika

[Add another user](#)

Select AWS access type

Select how these users will access AWS. Access keys and autogenerated passwords are provided in the last step. [Learn more](#)

- Access type* ☒ **Programmatic access**
Enables an **access key ID** and **secret access key** for the AWS API, CLI, SDK, and other development tools.
- ☒ **AWS Management Console access**
Enables a **password** that allows users to sign-in to the AWS Management Console.

Console password* ☐ Autogenerated password
☒ Custom password

Nav123456

☒ Show password

Require password reset ☒ User must create a new password at next sign-in
Users automatically get the [IAMUserChangePassword](#) policy to allow them to change their own password.

* Required

[Cancel](#)

[Next: Permissions](#)

User name*

Bhavika

Priyanka

Agastya

+ Add another user

Select AWS access type

Select how these users will access AWS. Access keys and autogenerated passwords are provided in the last step. [Learn more](#)

- Access type*
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* Required

Cancel Next: Permissions

 Add users to group

 existing user



directly

Create policy



Filter policies ▾

Q iam

Showing 9 results

	Policy name	Type	Used as
	AWSQuickSightListIAM	AWS managed	None
	IAMAccessAdvisorReadOnly	AWS managed	None
	IAMAccessAnalyzerFullAccess	AWS managed	None
	IAMAccessAnalyzerReadOnlyAccess	AWS managed	None
	IAMFullAccess	AWS managed	None
	IAMReadOnlyAccess	AWS managed	None
	IAMSelfManageServiceSpecificCredentials	AWS managed	None
	IAMUserChangePassword	AWS managed	None
	IAMUserSSHKeys	AWS managed	None

- ▶ Set permissions boundary

Cancel

Previous

Next: Tags

Add user

1 2 3 4 5

Add tags (optional)

IAM tags are key-value pairs you can add to your user. Tags can include user information, such as an email address, or can be descriptive, such as a job title. You can use the tags to organize, track, or control access for this user. [Learn more](#)

Key	Value (optional)	Remove
<input type="text" value="Add new key"/>	<input type="text"/>	

You can add 50 more tags.

Cancel

Previous

Next: Review

Add user

1 2 3 4 5

Set permissions



Add users to group



Copy permissions from existing user



Attach existing policies directly

Create policy



Filter policies

s3

Showing 6 results

	Policy name	Type	Used as
<input type="checkbox"/>	AmazonDMSRedshiftS3Role	AWS managed	None
<input type="checkbox"/>	AmazonS3FullAccess	AWS managed	None
<input type="checkbox"/>	AmazonS3OutpostsFullAccess	AWS managed	None
<input type="checkbox"/>	AmazonS3OutpostsReadOnlyAccess	AWS managed	None
<input checked="" type="checkbox"/>	AmazonS3ReadOnlyAccess	AWS managed	None
<input type="checkbox"/>	QuickSightAccessForS3StorageManagementAnalyticsReadOnly	AWS managed	None

Set permissions boundary

Cancel

Previous

Next: Tags

Add user

1 2 3 4 5



Success

You successfully created the users shown below. You can view and download user security credentials. You can also email users instructions for signing in to the AWS Management Console. This is the last time these credentials will be available to download. However, you can create new credentials at any time.

Users with AWS Management Console access can sign-in at: <https://034712490247.signin.aws.amazon.com/console>

Download .csv

	User	Access key ID	Secret access key	Email login instructions
▶	✓ Bhavika	AKIAQQFIGSED4VNPLMC7	***** Show	Send email
▶	✓ Priyanka	AKIAQQFIGSEDYB77X52U	***** Show	Send email
▶	✓ Agastya	AKIAQQFIGSED3AHVAYEF	***** Show	Send email

Close

https://letsupgrade.in x

AWS Cloud Computin x

Assignment 1 - Googl x

Amazon Web Service x

Your AWS Account is x

IAM Management C x

Which IAM policy pro x

+ -

console.aws.amazon.com/iam/home?#/users\$new?step=final&accessKey&login&userNames=Bhavika&userNames=Priyanka&userNames=Agastya&passwordReset&passwordType=manual&policies=... ☆

aws Services

Search for services, features, marketplace products, and docs [Alt+S]

navya mongia Global Support

Add user

1 2 3 4 5

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Close

Feedback English (US)

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Type here to search

29°C Cloudy

22:19 02-08-2021

Identity and Access Management (IAM)

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Search IAM

Users > Bhavika

Summary

[Delete user](#) [?](#)

User ARN	arn:aws:iam::034712490247:user/Bhavika
Path	/
Creation time	2021-08-02 22:19 UTC+0530

Permissions Groups Tags **Security credentials** Access Advisor

Sign-in credentials

Summary	• Console sign-in link: https://034712490247.signin.aws.amazon.com/console
Console password	Enabled (never signed in) Manage
Assigned MFA device	Not assigned Manage
Signing certificates	None

Access keys

Use access keys to make programmatic calls to AWS from the AWS CLI, 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.

For your protection, you should never share your secret keys with anyone. As a best practice, we recommend frequent key rotation.

If you lose or forget your secret key, you cannot retrieve it. Instead, create a new access key and make the old key inactive. [Learn more](#)

[Create access key](#)

https://letsupgrade.in x

AWS Cloud Computin x

Assignment 1 - Googl x

Amazon Web Service x

Your AWS Account is x

IAM Management Co x

Which IAM policy pro x

+ -

console.aws.amazon.com/iam/home?#/users\$new?step=final&accessKey&login&userNames=Bhavika&userNames=Priyanka&userNames=Agastya&passwordReset&passwordType=manual&policies=... ☆

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navya mongia Global Support

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Users > Bhavika

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Service control policies (SCPs)

IAM > User groups > Create user group

Create user group

Name the group

User group name

Enter a meaningful name to identify this group

Maximum 128 characters. Use alphanumeric and '+', '@', '-' characters.

Add users to the group - Optional (3) 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. A user can belong to up to 10 groups.

< 1 > ⚙

<input type="checkbox"/>	User name	Groups	Last activity	Creation time
<input type="checkbox"/>	Agastya	0	None	1 minute ago
<input type="checkbox"/>	Bhavika	0	None	1 minute ago
<input type="checkbox"/>	Priyanka	0	None	1 minute ago

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Enter a meaningful name to identify this group.

letsupgradeassignment

Maximum 128 characters. Use alphanumeric and '+', '@', '-' characters.

Add users to the group - Optional (Selected 2/3) 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. A user can belong to up to 10 groups.

Search

1

	User name	Groups	Last activity	Creation time
<input type="checkbox"/>	Agastya	0	None	2 minutes ago
<input checked="" type="checkbox"/>	Bhavika	0	None	2 minutes ago
<input checked="" type="checkbox"/>	Priyanka	0	None	2 minutes ago

Attach permissions policies - Optional (669) 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 policies by property or policy name and press enter

1 2 3 4 5 6 7 ... 34

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Service control policies (SCPs)

Attach permissions policies - Optional (Selected 1/669) 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 policies by property or policy name and press enter

9 matches

1

"iam" X

Clear filters

	Policy Name	Type	Description
<input type="checkbox"/>	AWSQuickSightListIAM	AWS managed	Allow QuickSight to list IP
<input type="checkbox"/>	IAMSelfManageServiceSpecificCredentials	AWS managed	Allows an IAM user to ma
<input checked="" type="checkbox"/>	IAMFullAccess	AWS managed	Provides full access to IA
<input type="checkbox"/>	IAMUserChangePassword	AWS managed	Provides the ability for an
<input type="checkbox"/>	IAMReadOnlyAccess	AWS managed	Provides read only acces
<input type="checkbox"/>	IAMUserSSHKeys	AWS managed	Provides the ability for an
<input type="checkbox"/>	IAMAccessAdvisorReadOnly	AWS managed	This policy grants access
<input type="checkbox"/>	IAMAccessAnalyzerReadOnlyAccess	AWS managed	Provides read only acces
<input type="checkbox"/>	IAMAccessAnalyzerFullAccess	AWS managed	Provides full access to IA

Cancel

Create group

Feedback

English (US)

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22:21

02-08-2021

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letsupgradeassignment user group created. View group

IAM > User groups

User groups (1) Info

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

Filter User groups by property or group name and press enter

	Group name	Users	Permissions	Creation time
	letsupgradeassignment	2	Defined	Now

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letsupgradeassignment Delete

Summary Edit

User group name letsupgradeassignment	Creation time August 02, 2021, 22:21 (UTC+05:30)	ARN arn:aws:iam::034712490247:group/letsupgradeassignment
--	---	--

Users Permissions Access advisor

Users in this group (2) [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.

<input type="checkbox"/>	User name ↗	Groups	Last activity	Creation time
<input type="checkbox"/>	Priyanka	1	None	3 minutes ago
<input type="checkbox"/>	Bhavika	1	None	3 minutes ago



Sign in

☐ **Root user**

Account owner that performs tasks requiring unrestricted access. [Learn more](#)

☒ **IAM user**

User within an account that performs daily tasks. [Learn more](#)

Account ID (12 digits) or account alias

034712490247

☐ Remember this account

Next

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— New to AWS? —

Create a new AWS account

DocumentDB (with MongoDB-compatibility)

Build high performance applications and reduce development time with a flexible JSON database





Sign in as IAM user

Account ID (12 digits) or account alias

034712490247

IAM user name

Bhavika

Password

.....

Sign in

[Sign in using root user email](#)

[Forgot password?](#)

Amazon Location Service

Easily and securely add maps, geocoding, routing, tracking, and geofencing to your applications

Get started »



English ▼

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You must change your password to continue

AWS account 034712490247

IAM user name Bhavika

Old password

New password

Retype new password

Confirm password change

[Sign in using root user email](#)

English ▾

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You must change your password to continue

AWS account 034712490247

IAM user name Bhavika

Old password

New password

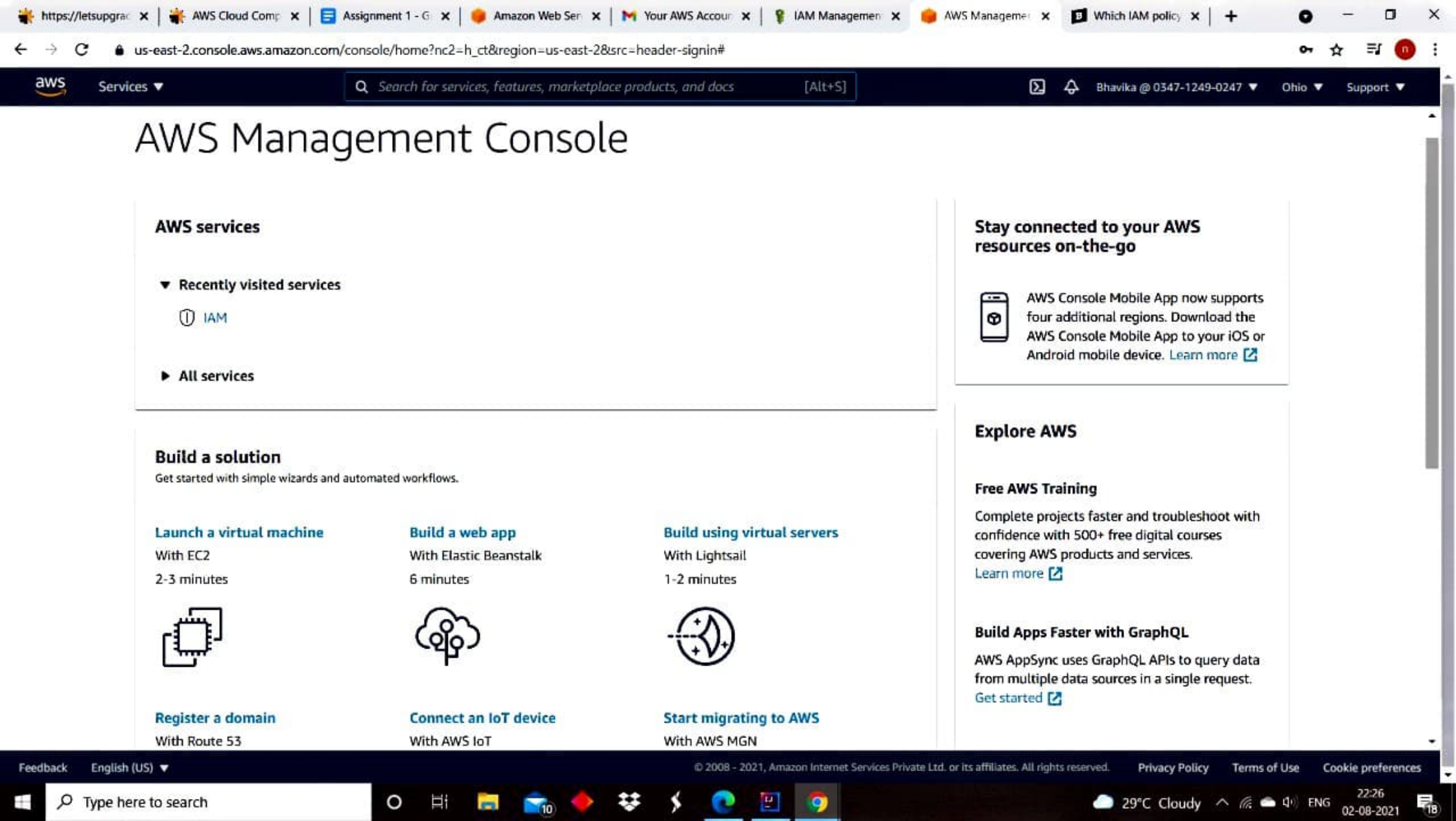
Retype new password

Confirm password change

[Sign in using root user email](#)

English ▾

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Q *Search IAM*

AWS Single Sign-on (SSO)

Q *Search IAM*

AWS Single Sign-on (SSO)