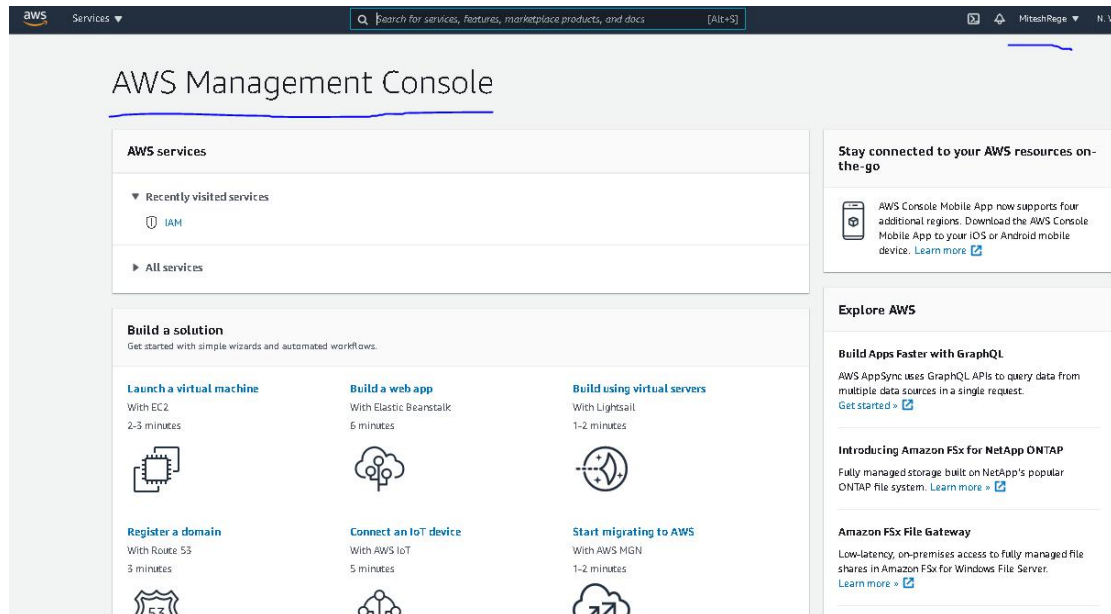
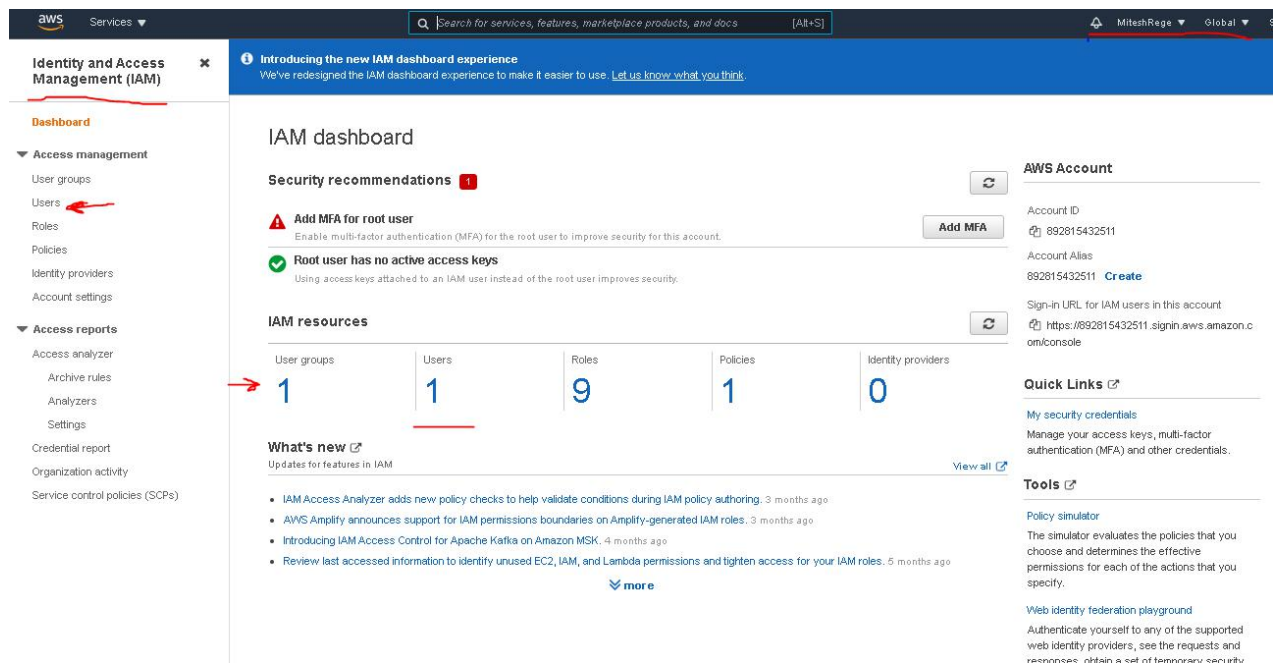


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Date:25/09/2021
Assignment AWS essentials sept 21

Assignment 1



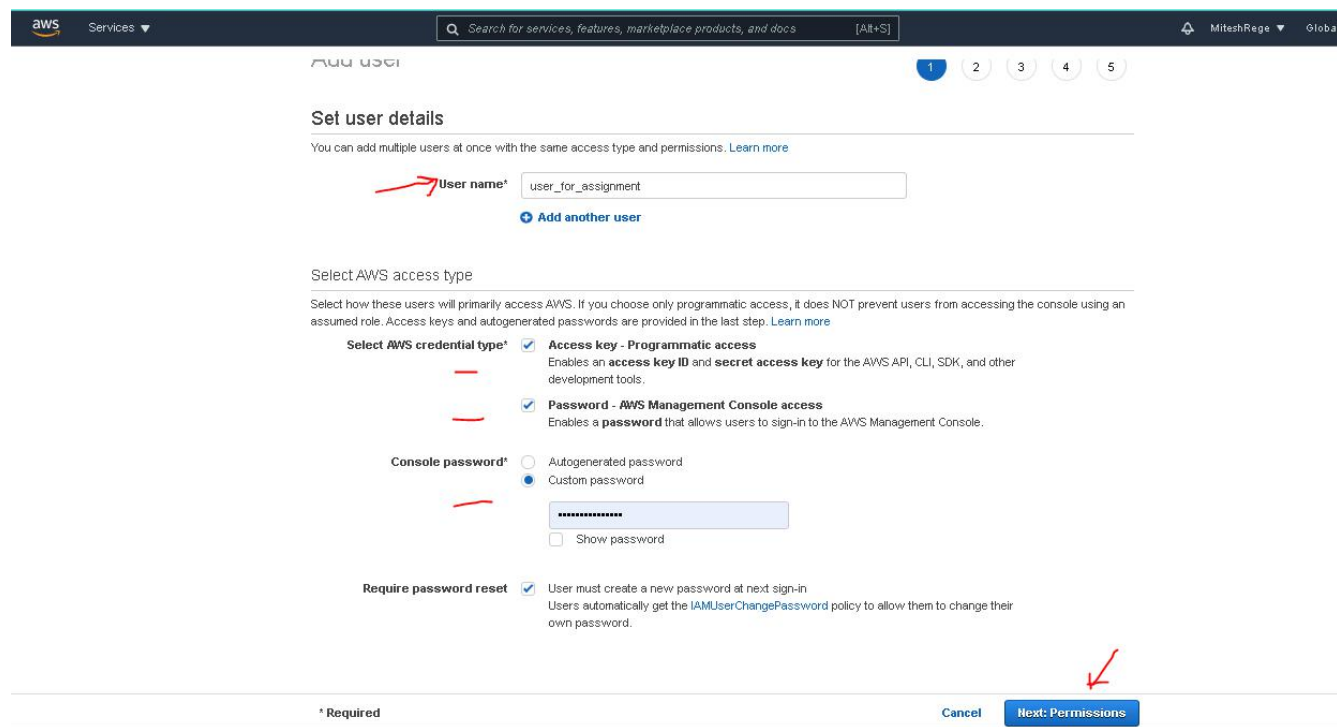
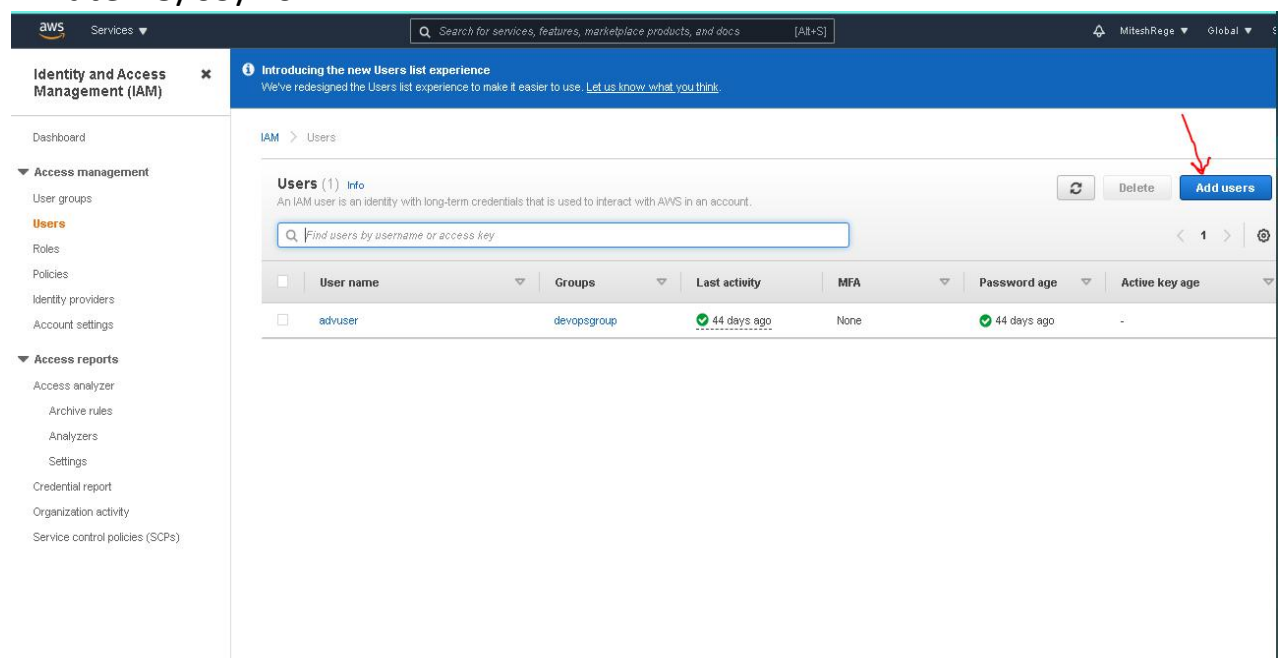
Working with IAM



1. Create an IAM user

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2. Attach a AWS managed policy (S3 full access)

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Add user

1 2 3 4 5

Set permissions

Add user to group Copy permissions from existing user Attach existing policies directly

Create policy

Filter policies ▾ s3full Showing 1 result

	Policy name ▾	Type	Used as
<input checked="" type="checkbox"/>	AmazonS3FullAccess	AWS managed	Permissions policy (1)

Set permissions boundary

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Add user

1 2 3 4 5

Review

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

User details

User name	user_for_assignment
AWS access type	Programmatic access and AWS Management Console access
Console password type	Custom
Require password reset	Yes
Permissions boundary	Permissions boundary is not set

Permissions summary

The following policies will be attached to the user shown above.

Type	Name
Managed policy	AmazonS3FullAccess
Managed policy	IAMUserChangePassword

Tags

No tags were added.

Cancel Previous **Create user**

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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://892815432511.signin.aws.amazon.com/console>

Download .csv

	User	Access key ID	Secret access key	Email login instructions
	user_for_assignment	AKIA47X7SLM7QCUSAIWBO	***** Show	Send email

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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.](#)

✓ The user `user_for_assignment` have been created.

IAM > Users

Users (2) 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

	User name	Groups	Last activity	MFA	Password age	Active key age
<input type="checkbox"/>	advuser	devopsgroup	✓ 44 days ago	None	✓ 44 days ago	-
<input type="checkbox"/>	user_for_assignment	None	Never	None	✓ Now	✓ Now

3.Login as IAM user and show that policy is applied. (S3, EC2, IAM)

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Sign in as IAM user

Account ID (12 digits) or account alias

892815432511|

IAM user name

user_for_assignment

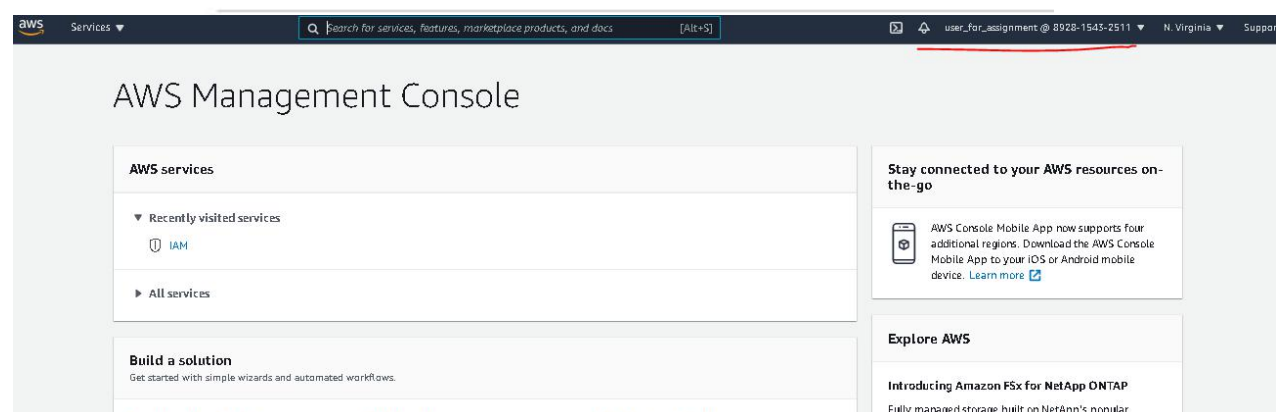
Password

.....

Sign in

[Sign in using root user email](#)

[Forgot password?](#)



4.Show IAM permissions in actions .

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The top screenshot shows the AWS IAM dashboard. The left sidebar contains the 'Identity and Access Management (IAM)' menu. The main content area is titled 'IAM dashboard' and includes sections for 'Security recommendations', 'IAM resources', and 'What's new'. A red arrow points to the 'Security recommendations' section, which contains three error messages: 'You do not have the permission required to perform this operation. Ask your administrator to add permissions. User: arn:aws:iam::892815432511:user/user_for_assignment is not authorized to perform: iam:GetAccountSummary on resource: *'. The right sidebar contains 'AWS Account', 'Quick Links', and 'Tools' sections.

The bottom screenshot shows the AWS EC2 dashboard. The left sidebar contains the 'EC2 Dashboard' menu. The main content area is titled 'Resources' and includes a 'Launch instance' button. A red arrow points to the 'Resources' section, which contains a table of EC2 resources: 'Instances (running)', 'Instances', 'Placement groups', 'Volumes', 'Dedicated Hosts', 'Key pairs', 'Security groups', 'Elastic IPs', 'Load balancers', and 'Snapshots'. All resources show an 'API Error' message. The right sidebar contains 'Account attributes' and 'Explore AWS' sections.

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The screenshot shows the Amazon S3 console interface. The left sidebar contains navigation options: Buckets, Access Points, Object Lambda Access Points, Multi-Region Access Points, Batch Operations, Access analyzer for S3, Block Public Access settings for this account, Storage Lens (selected), Dashboards, AWS Organizations settings, and Feature spotlight. The main content area displays the 'Amazon S3' dashboard. At the top, there are two notification banners: 'We're continuing to improve the S3 console to make it faster and easier to use. If you have feedback on the updated experience, choose Provide feedback.' and 'AWS Transfer Family modernizes and secures recurring file transfers to and from S3 so your data arrives on time and is highly available.' Below these, the 'Account snapshot' section shows metrics: Total storage (28.2 KB), Object count (6), and Avg. object size (4.7 KB). A 'View Storage Lens dashboard' button is present. The 'Buckets (2)' section includes a search bar, a 'Find buckets by name' input, and buttons for 'Copy ARN', 'Empty', 'Delete', and 'Create bucket'. A table of buckets is partially visible at the bottom.

Account snapshot
Total storage
28.2 KB

Object count
6

Avg. object size
4.7 KB

Buckets (2)
Find buckets by name

The screenshot shows the AWS IAM console 'Users' page. The left sidebar contains navigation options: Dashboard, Access management (selected), User groups, Roles, Policies, Identity providers, Account settings, Access reports, Access analyzer, Archive rules, and Analyzers. The main content area displays the 'Users (2)' list. A search bar is present with the text 'Find users by username or access key'. Below the search bar is a table with columns: User name, Groups, Last activity, MFA, Password age, and Active key age. Two users are listed: 'advuser' and 'user_for_assignment'. The 'user_for_assignment' user is highlighted with a red line.

User name	Groups	Last activity	MFA	Password age	Active key age
advuser	devopsgroup	44 days ago	None	44 days ago	-
user_for_assignment	None	10 minutes ago	None	7 minutes ago	14 minutes ago