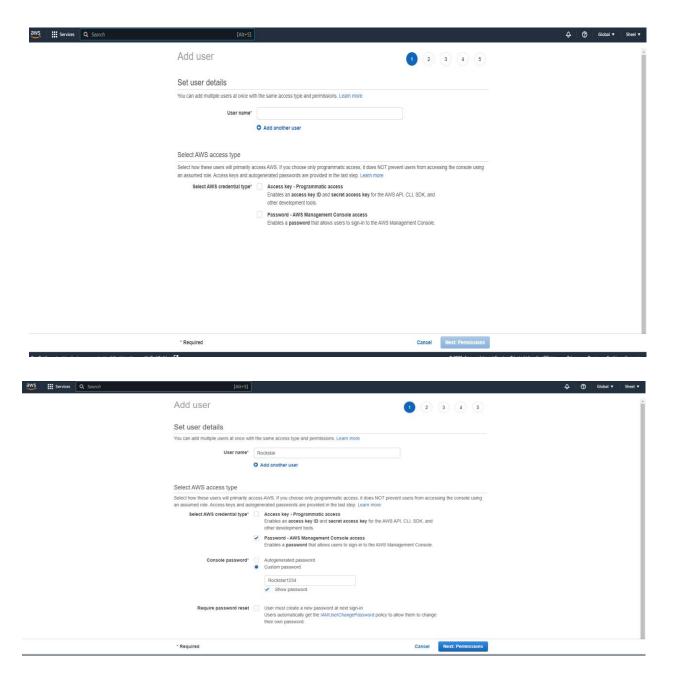
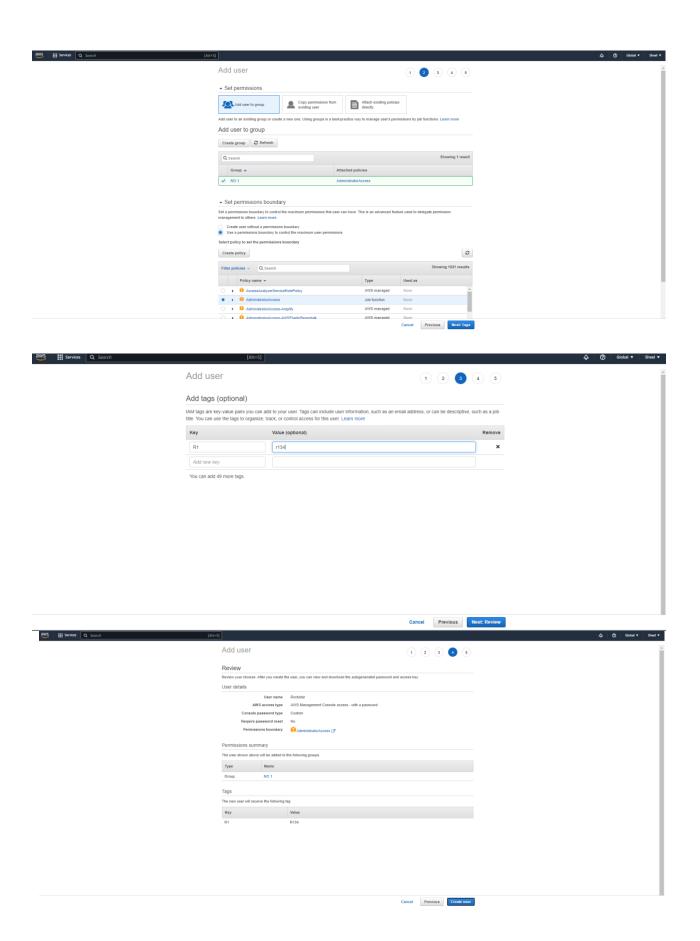
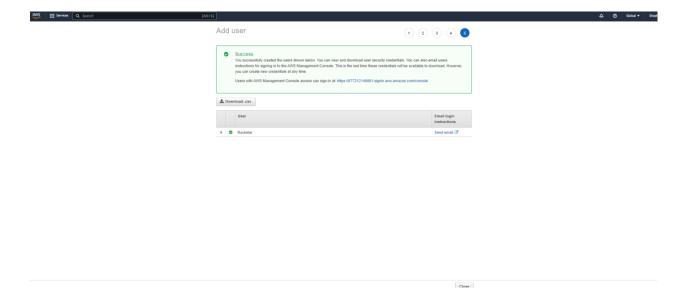
Assignment sheet for IAM

Assignment 1:- Create an IAM user with username of your own wish and grant administrator policy.

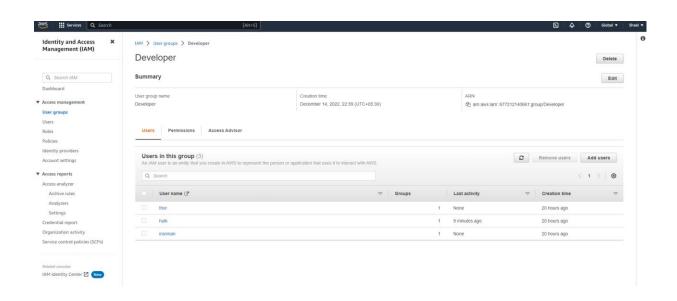


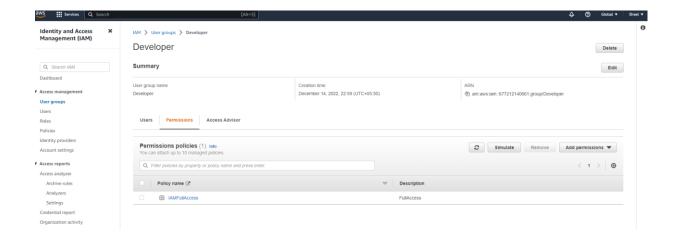




Assignment 2:- Hello students, in this assignment you need to prepare a developers team of avengers.

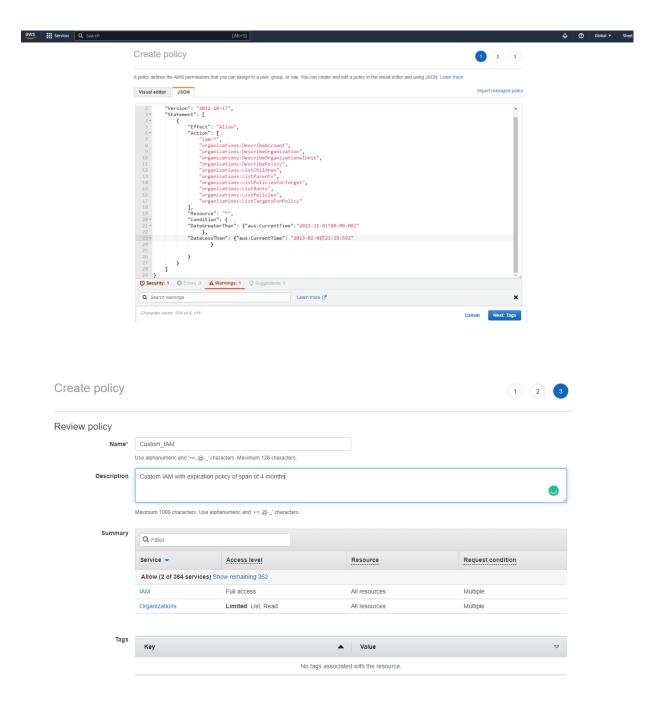
- Create 3 IAM users of avengers and assign them in developer's groups with IAM policy.



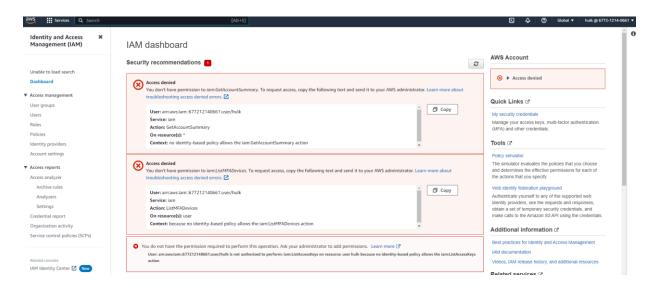


Assignment 3: Define a condition in policy for expiration like

Define the span of 4 months as per your wish



As per the policy user can access IAM date staring from 01-11-2022 to 01-02-2023 but today is 02-02 so user can't access.



Assignment 3:- Prepare 15 authentic MCQ questions related to IAM.

- 1) Which statement best describes IAM?
 - a. IAM stands for Improvised Application Management, and it allows you to deploy and manage applications in the AWS Cloud.
 - b. IAM allows you to manage users, groups, roles, and their corresponding level of access to the AWS Platform.
 - c. IAM allows you to manage users' passwords only. AWS staff must create new users for your organization. This is done by raising a ticket.
 - d. IAM allows you to manage permissions for AWS resources only
- 2) Which of the following is not a component of IAM?
 - a. Roles
 - b. Users
 - c. Organizational Units
 - d. Groups
 - 3) Which of the following is not a feature of IAM?
 - a. IAM allows you to setup biometric authentication, so that no passwords are required.
 - b. IAM offers fine-grained access control to AWS resources.
 - c. IAM offers centralized control of your AWS account.
 - d. IAM integrates with existing active directory account allowing single sign-on.
 - 4) By default a new user in IAM has permissions to log in to the AWS Console.
 - a. True
 - b. False
 - 5) Which of the following is not an IAM best practice?
 - a. Delete user accounts not in use
 - b. Attach policies to individual users.
 - c. Manage permissions by adding users to groups.
 - d. Enable MFA on user accounts.
 - 6) Name the service that is used to provide access control to aws?
 - a. EC2
 - b. IAM
 - c. RDS
 - 7) What will be the charges for using IAM?
 - a. IAM is offered at no additional charge.
 - b. Its charged based on usage
 - c. It's charged based on the numbers of users created.

a.	. IA	M access analyzer
b.	. IAI	M access generator
C.	. AV	VS access analyzer
d.	. AV	VS access generator
9)	Wha ?	t should you use if you want to grant access to your aws accounts by relying on short term credentials
a.	. IAI	M policies
b.	. IAI	M users
C.	. Gr	oups
d	. IA	M roles
10)	Whic	h policy is created and administrated by AWS and cover common use cases?
	a.	Customer managed policies
	b.	AWS created policies
	c.	AWS managed policies
11)	If you	create your own standalone policy in AWS, it is a type of
	a.	AWS managed policies
	b.	Customer managed policies
	c.	AWS created policies
	d.	Customer created policy
12)	Whic	h policy is embedded in am IAM identity and inherent to the identity?
	a.	Inline policy
	b.	Inherent policy
	C.	Resource based policy
13)	If you	u can define permission based on tags , what is the type of access control ?
	a.	Attribute-based access control(ABAC)
	b.	Tag-based access control
	c.	Role-based access control
14)		th tool is used to test and troubleshoot identity-based and resource-based policies, IAM permissions daries ?
	a.	IAM policy simulator
	b.	IAM policy troubleshooter
	c.	IAM policy tester
15)	15) What are IAM policies?	

a. AWS service performable action

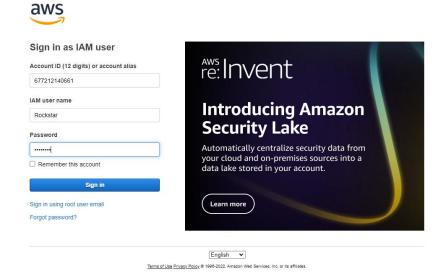
c. Rules to set up password for IAM users

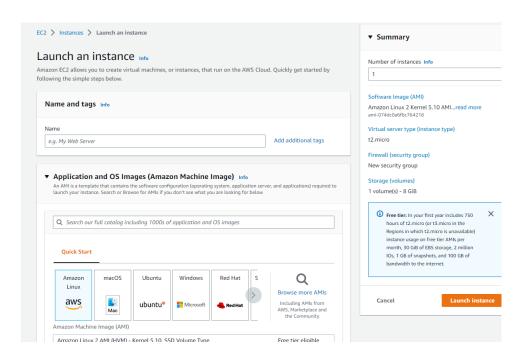
b. JSON document to define user, resource or roles permission

8) What is used to generate fine grained IAM policy based on User's use of Aws?

Assignment 4:- Launch your linux instance in IAM and update your machine.

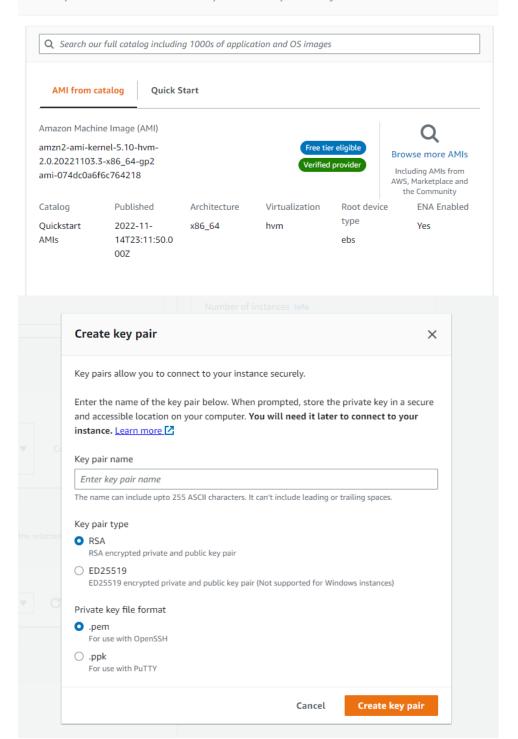


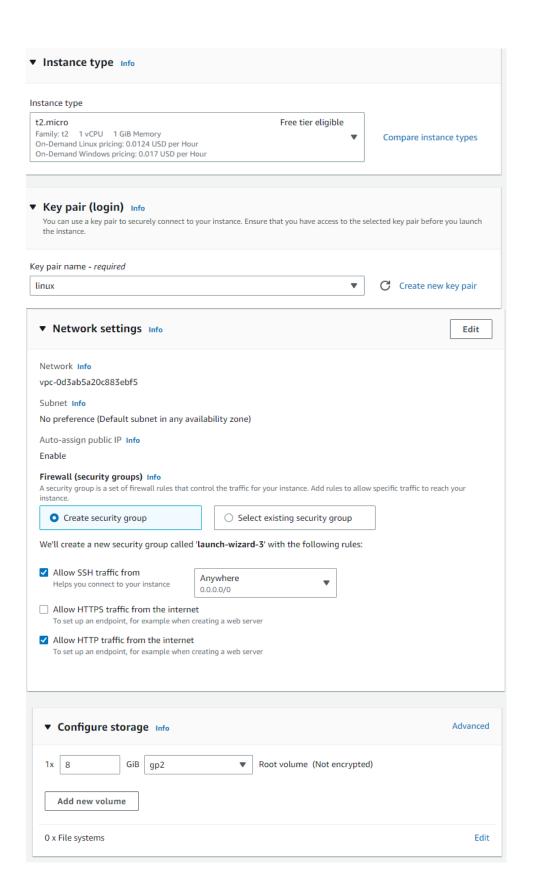


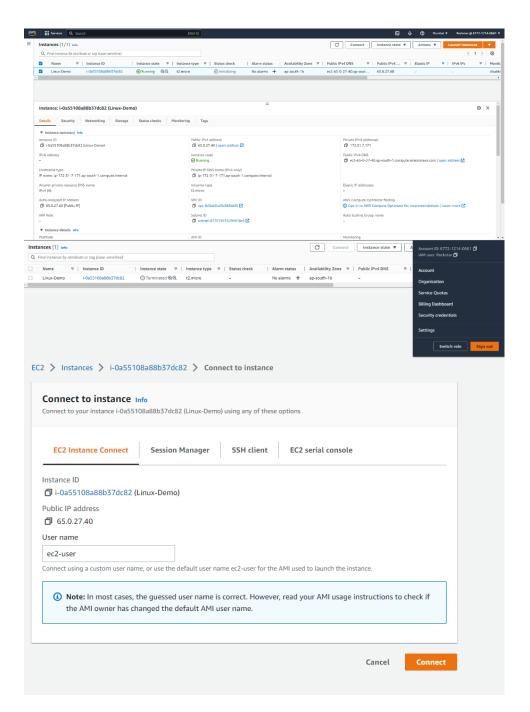


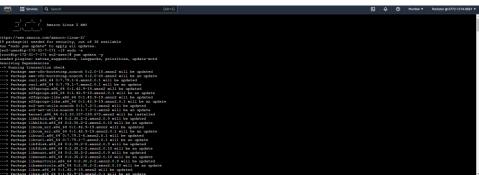
▼ Application and OS Images (Amazon Machine Image) Info

An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. Search or Browse for AMIs if you don't see what you are looking for below









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| Depth/dec| | Dep
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Hello! I'm Sheel Sachania.

I am currently studying in the 5th sem in B.Tech(IT) at Charusat University. My hobbies is learning ne things in DevOps and currently i'm working on DevOps.

Getting into DevOps!

DevOps is a set of practices that combines software development and IT operations, it aims to shorten the systems development life cycle and provide continuous delivery with high software quality.



