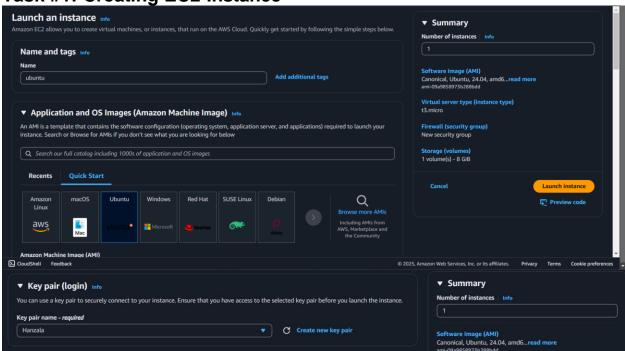
CLOUD COMPUTING

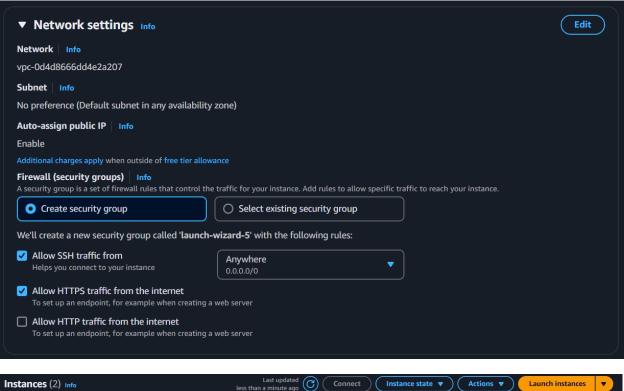
GRAND ASSIGNMENT

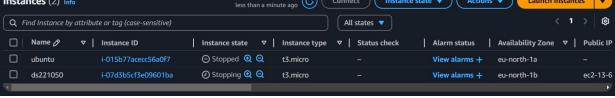
NAME: Hanzala Rashid

REG# DS221050

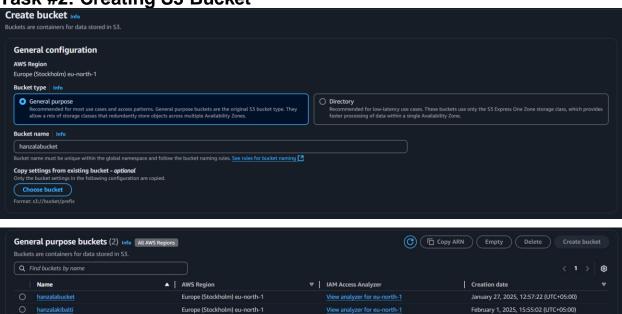
Task #1: Creating EC2 Instance



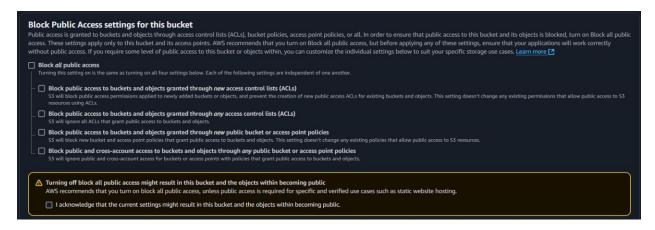




Task #2: Creating S3 Bucket



Blocking all public access, we will create access policy by ourselves and remaining all settings will remain same.



Step: Once Created, head inside the bucket, move towards the permission and create policy using aws policy generator.

Apply the following policies as Type of policy: S3 Bucket Principal: *
 (ALL) Actions: Get object ()

Step 1: Select Policy Type

A Policy is a container for permissions. The different types of policies you can create are an IAM Policy, an S3 Bucket Policy, an SNS Topic Policy, a VPC Endpoint Policy, and an SQS Queue Policy.

Select Type of Policy	S3 Bucket Policy 🔻	
Step 2: Add Statement(s)	f a single permission. See a description of elements that you can u	se in statements
A statement is the formal description of	a single permission, see a description of elements that you can a	se in statements.
Effect	● Allow ○ Deny	
Principal		
	Use a comma to separate multiple values.	
AWS Service	Amazon S3	■ All Services ('*')
	Use multiple statements to add permissions for more than one service.	
Actions	Select Actions	
Amazon Resource Name (ARN)		
	ARN should follow the following format: arn:aws:s3:::\${BucketName}/\${KeyNamUse a comma to separate multiple values.	ne}.
	Add Conditions (Optional)	
	Add Statement	

You added the following statements. Click the button below to Generate a policy.

Principal(s)	Effect	Action	Resource	Conditions
*	Allow	 s3:GetObject 	arn:aws:s3:::hanzalabucket	None

Task#4: Updating Bucket Policies

```
Bucket policy

The bucket policy, written in JSON, provides access to the objects stored in the bucket. Bucket policies don't apply to objects owned by other accounts "Version": "2012-10-17",

"Id: "Policy1737966531565",

"Statement": [

{
    "Sid": "Stmt1737966530670",

    "Effect": "Allow",

    "Principal": "*",

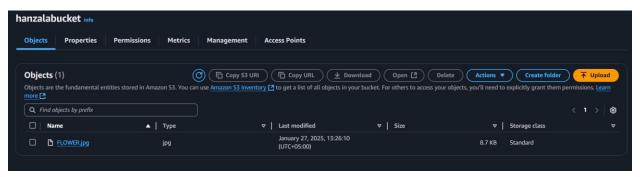
    "Action": "33:GetObject",

    "Resource": "arn:aws:s3:::hanzalabucket/*"

}

}
```

Upload JPEG Image in the S3 Bucket



Task#5: Showing the picture which was uploaded

