

Assignment - 1

Working with IAM

1) Create a user

I have created 2 IAM users . User - naveen - has full admin access. & User - tony - has Full EC2 access

SS : List of Users / SS User details

The screenshot shows the AWS IAM Management Console. The left sidebar contains the navigation menu with 'Users' selected under 'Access management'. The main content area displays the 'Users (2)' list. A blue banner at the top introduces the new Users list experience. Below the banner, there is a search bar and a table of users.

| | User name | Groups | Last activity | MFA | Password age | Active key age |
|--------------------------|-----------|--------|---------------|------|---------------|----------------|
| <input type="checkbox"/> | naveen | None | Never | None | 4 minutes ago | 4 minutes ago |
| <input type="checkbox"/> | tony | None | Never | None | Now | Now |

2) Attach a AWS managed policy to the user - Full EC2 access attached

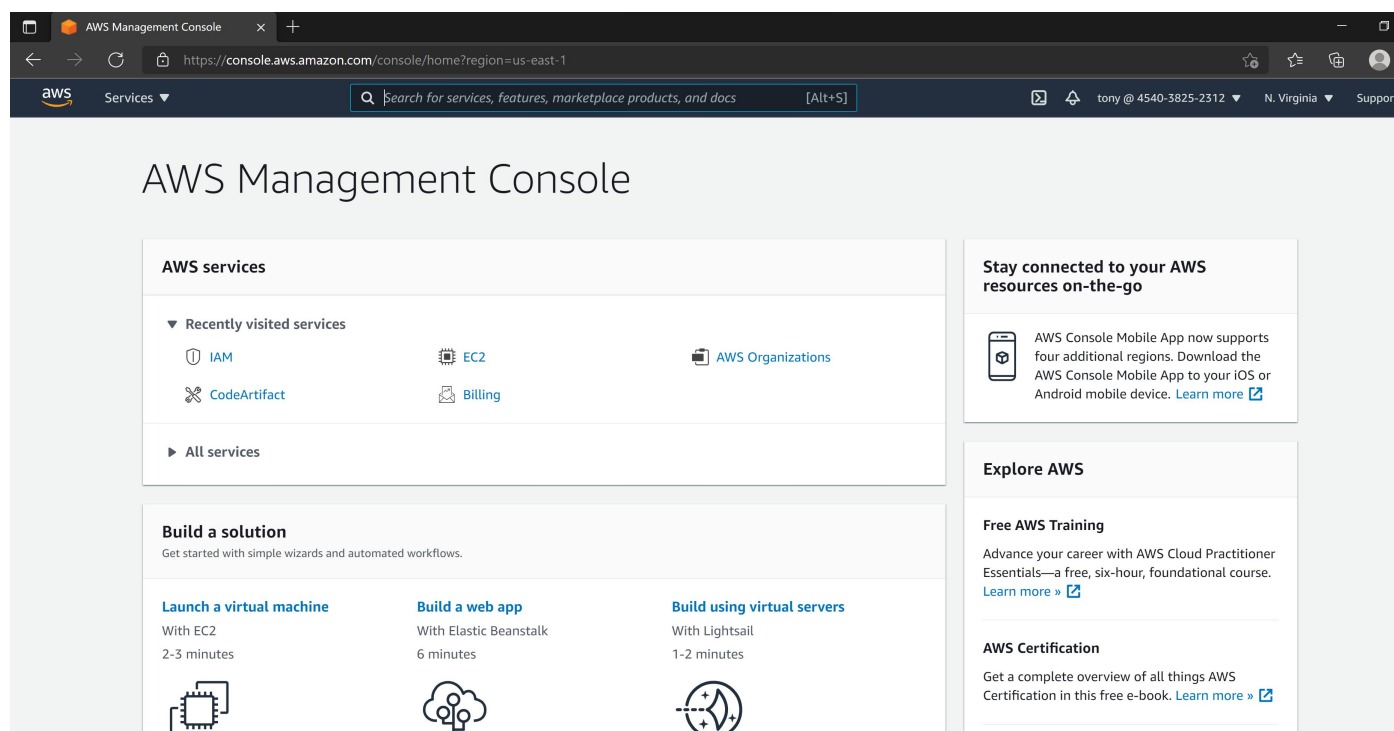
The screenshot shows the AWS IAM Management Console with the 'tony' user selected. The left sidebar shows 'Users' selected under 'Access management'. The main content area displays the 'Summary' page for the user 'tony'. A blue banner at the top introduces a new feature to generate a policy based on CloudTrail events. Below the banner, the user's details are shown, including the User ARN, Path, and Creation time. The 'Permissions' tab is selected, showing that one policy is applied: 'AmazonEC2FullAccess'.

User ARN: arn:aws:iam::454038252312:user/tony
Path: /
Creation time: 2021-09-25 11:15 PDT

Permissions: 1 policy applied

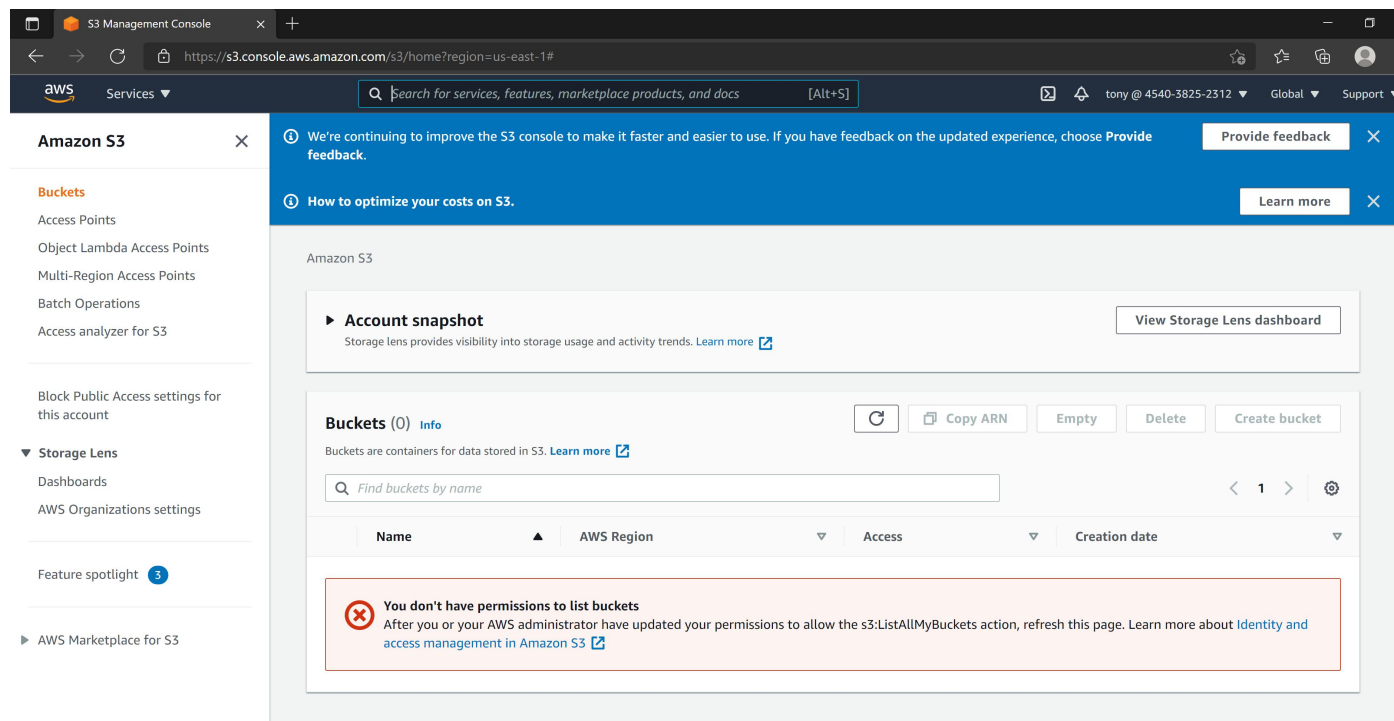
| Policy name | Policy type |
|---------------------|--------------------|
| AmazonEC2FullAccess | AWS managed policy |

3) Login as the IAM user --- logged in as user name "tony"



4) Show the IAM permission in action -

S3 -- No permission



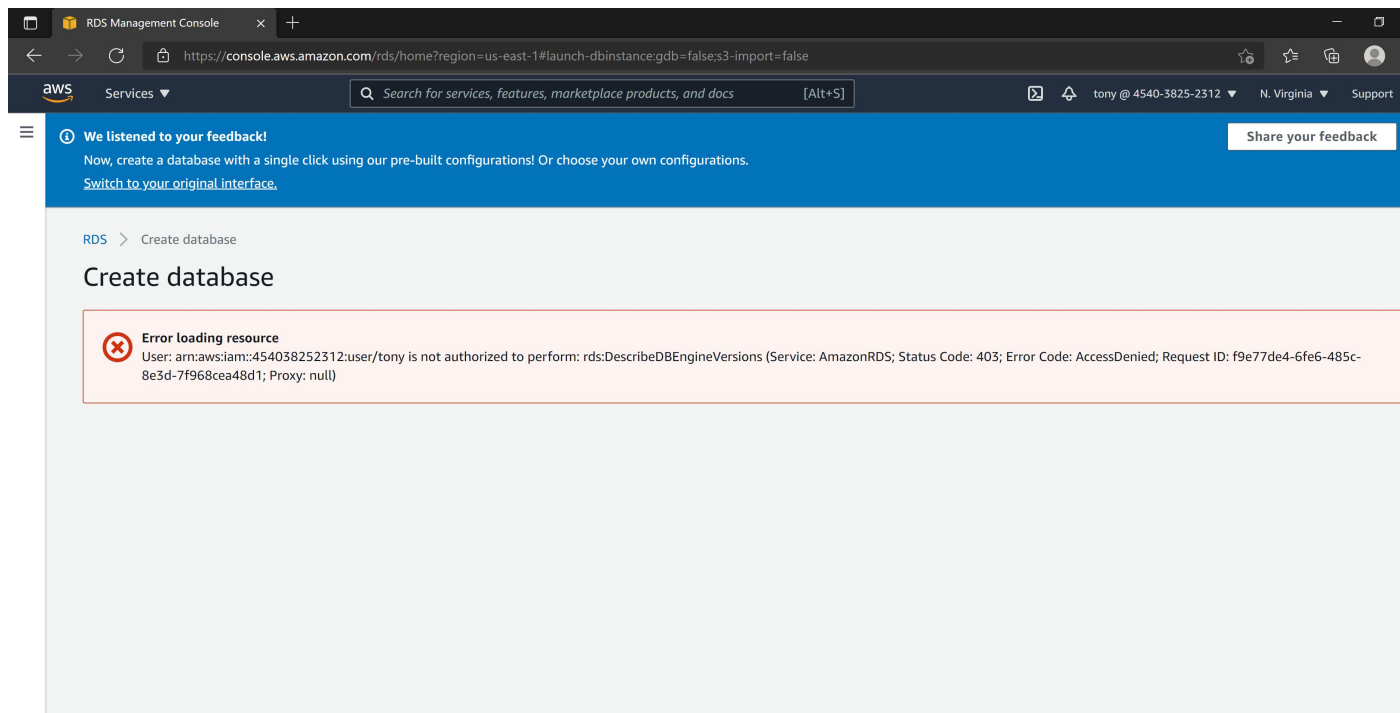
EFS - No permission

The screenshot shows the Amazon EFS console interface. At the top, a red error banner states: "User: arn:aws:iam::454038252312:user/tony is not authorized to perform: elasticfilesystem:CreateFileSystem on the specified resource." The left sidebar contains navigation links for "File systems", "Access points", "Settings", "AWS Backup", "AWS DataSync", "AWS Transfer", and "Documentation". The main content area, titled "File systems (0)", includes a search bar and a table with columns: Name, File system ID, Encrypted, Total size, Size in Standard / One Zone, Size in Standard-IA / One Zone-IA, Provisioned Throughput (MiB/s), File system state, and Creation time. Below the table, a message says "No resources" with a "Create file system" button.

Amazon Container Services - No permission.

The screenshot shows the Amazon ECR console interface. A red error banner at the top reads: "Failed to create repository with the following error: User: arn:aws:iam::454038252312:user/tony is not authorized to perform: ecr:CreateRepository on resource: arn:aws:ecr:us-east-1:454038252312:repository/wwtr". The left sidebar lists navigation options for "Amazon ECS", "Amazon EKS", and "Amazon ECR", with "Repositories" selected under ECR. The main content area, titled "Private repositories", features a search bar and a table with columns: Repository name, URI, Created at, Tag immutability, Scan on push, and Encryption type. A message below the table states: "No repositories. There was an error fetching the repositories: User: arn:aws:iam::454038252312:user/tony is not authorized to perform: ecr:DescribeRepositories on resource: arn:aws:ecr:us-east-1:454038252312:repository/*".

RDS- No permission



Full permission to EC2 -

