

CLOUD COMPUTING – UE20CS351

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Experiment 5: Introduction to AWS IAM (Identity and Access Management)

➤ user-1 added to the S3-Support Group.

The screenshot shows the AWS IAM console interface. A green banner at the top indicates 'Users added to this group.' The breadcrumb navigation shows 'IAM > User groups > S3-Support'. The main heading is 'S3-Support' with 'Delete' and 'Edit' buttons. Below is a 'Summary' section with a table:

User group name	Creation time	ARN
S3-Support	March 28, 2023, 13:51 (UTC+05:30)	arn:aws:iam::584444760788:group/spl66/S3-Support

Below the summary are tabs for 'Users', 'Permissions', and 'Access Advisor'. The 'Users' tab is active, showing 'Users in this group (1)'. A table lists the user:

	User name	Groups	Last activity	Creation time
<input type="checkbox"/>	user-1	1	None	8 minutes ago

➤ user-2 added to the EC2-Support Group.

The screenshot shows the AWS IAM console interface. A green banner at the top indicates 'Users added to this group.' The breadcrumb navigation shows 'IAM > User groups > EC2-Support'. The main heading is 'EC2-Support' with 'Delete' and 'Edit' buttons. Below is a 'Summary' section with a table:

User group name	Creation time	ARN
EC2-Support	March 28, 2023, 13:51 (UTC+05:30)	arn:aws:iam::584444760788:group/spl66/EC2-Support

Below the summary are tabs for 'Users', 'Permissions', and 'Access Advisor'. The 'Users' tab is active, showing 'Users in this group (1)'. A table lists the user:

	User name	Groups	Last activity	Creation time
<input type="checkbox"/>	user-2	1	None	11 minutes ago

➤ user-3 added to the EC2-Admin Group.

The screenshot shows the AWS IAM console interface. On the left, the 'Identity and Access Management (IAM)' sidebar is visible with options like 'User groups', 'Users', 'Roles', 'Policies', etc. The main content area is titled 'Users added to this group' and shows the 'EC2-Admin' user group. A summary table lists the group name, creation time (March 28, 2023, 13:51 UTC+05:30), and ARN. Below this, the 'Users' tab is active, showing a table with one user: 'user-3'. The user's last activity is listed as 'None' and creation time as '12 minutes ago'.

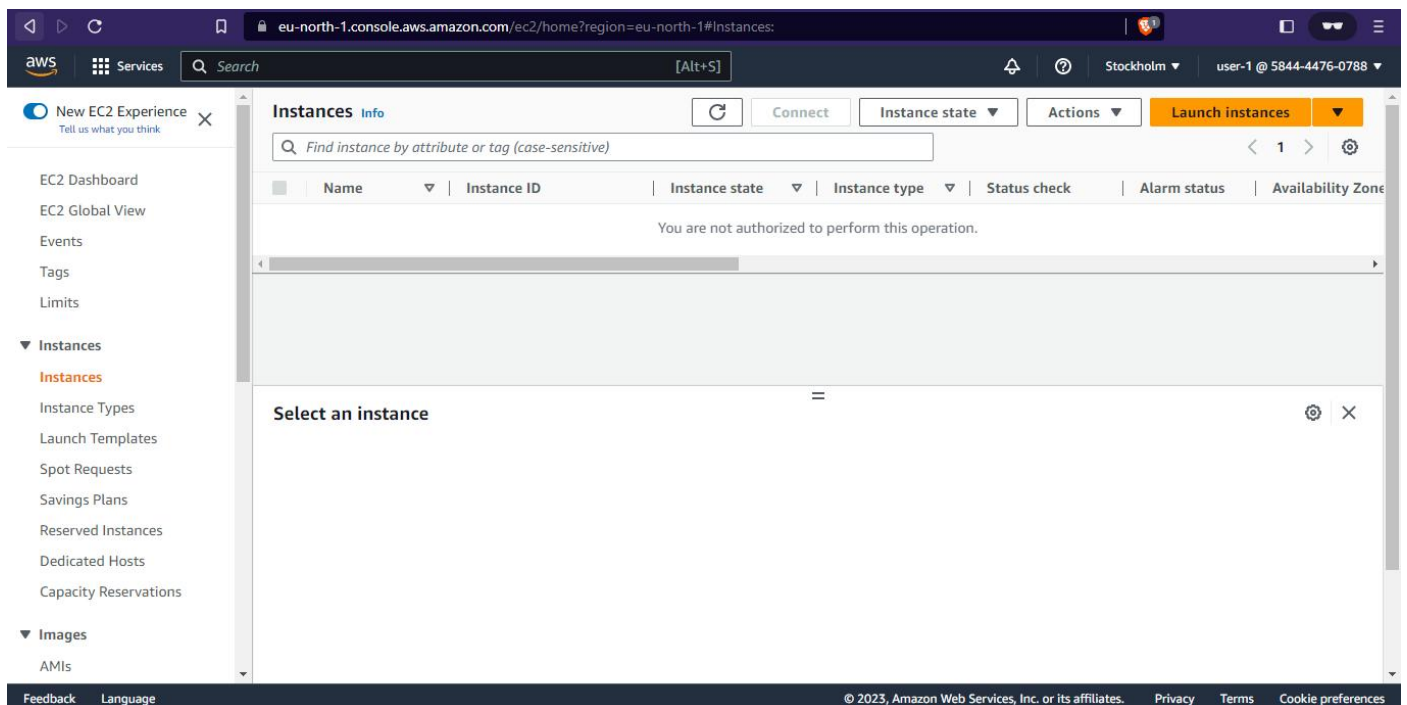
User name	Groups	Last activity	Creation time
user-3		None	12 minutes ago

➤ View S3 buckets with user-1 role

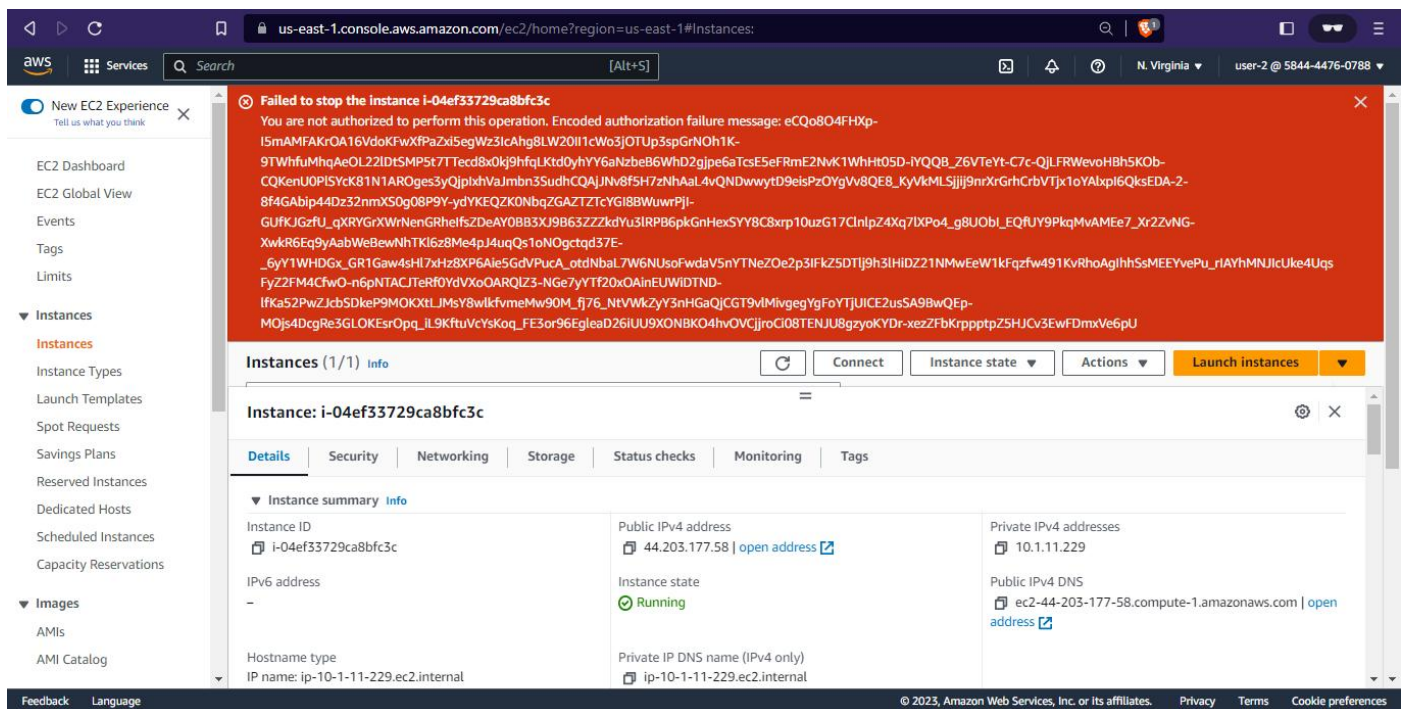
The screenshot shows the AWS S3 console interface. The left sidebar lists various S3 features like 'Buckets', 'Access Points', 'Object Lambda Access Points', etc. The main content area is titled 'Amazon S3 > Buckets'. It includes an 'Account snapshot' section and a 'Buckets (1)' section. A table lists the buckets, with one bucket visible: 'c35460a48368713828638t1w584444760788-s3bucket-zo5nwxhrlfr6'. The bucket is located in 'US East (N. Virginia) us-east-1' and its access is set to 'Objects can be public'.

Name	AWS Region	Access	Creation date
c35460a48368713828638t1w584444760788-s3bucket-zo5nwxhrlfr6	US East (N. Virginia) us-east-1	Objects can be public	March 28, 2023

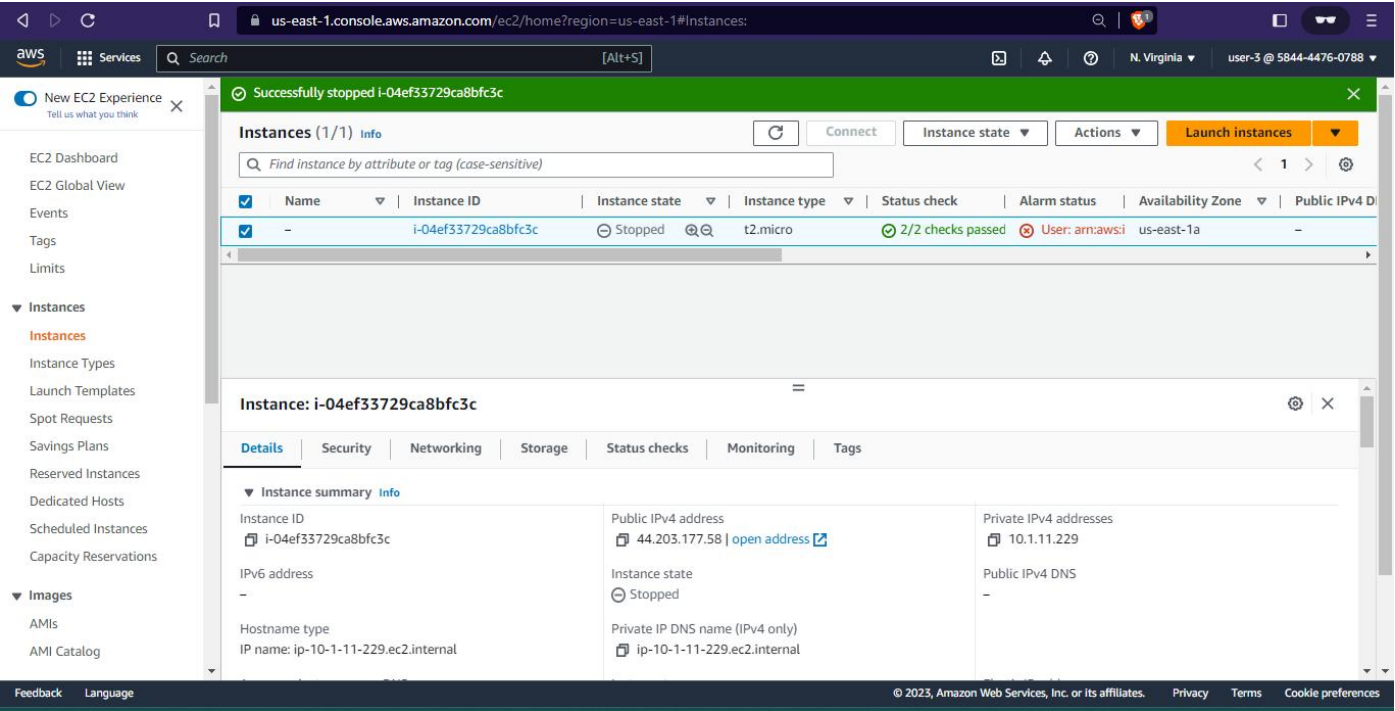
➤ EC2 instance dashboard with user-1 role (Not authorized)



➤ Failure message when instance stopped with user-2 role



➤ Successful stoppage of E2 instance with user-3 role



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