

LAB – 5: - Introduction to AWS IAM (Identity and Access Management)

Submitted by: Mahika Gupta
SRN: PES1UG20CS243

Deliverables:

The following screenshots are to be submitted:

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

The screenshot displays the AWS IAM console interface. At the top, a green notification bar states "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 this is a "Summary" section with a table containing the following data:

User group name	Creation time	ARN
S3-Support	March 28, 2023, 13:42 (UTC+05:30)	arn:aws:iam::806759872131: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 description states: "An IAM user is an entity that you create in AWS to represent the person or application that uses it to interact with AWS." There are buttons for "Remove users" and "Add users". A search bar is present. Below the search bar is a table with the following columns: "User name", "Groups", "Last activity", and "Creation time". The table contains one entry:

<input type="checkbox"/> user-1	1	None	3 minutes ago
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- *user-2* added to the EC2-Support Group.


[Option+S]



Global ▾

voclabs/user2357368=PES1UG20CS243_MahikaGupta @ 8067-5987-2131 ▾

 Users added to this group. 




[IAM](#) > [User groups](#) > [EC2-Support](#)

EC2-Support

Delete

Summary

Edit

User group name	Creation time	ARN
EC2-Support	March 28, 2023, 13:42 (UTC+05:30)	 arn:aws:iam::806759872131:group/spl66/EC2-Support


Users

Permissions

Access Advisor


Users in this group (1)

An IAM user is an entity that you create in AWS to represent the person or application that uses it to interact with AWS.





Remove users

Add users

 Search

< 1 >



<input type="checkbox"/>	User name 	Groups	Last activity	Creation time
<input type="checkbox"/>	user-2	1	None	4 minutes ago

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- *user-3* added to the EC2-Support Group.

[Option+S]

Global

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✓ Users added to this group.

IAM > User groups > EC2-Admin

EC2-Admin

Delete

Summary

Edit

User group name	Creation time	ARN
EC2-Admin	March 28, 2023, 13:42 (UTC+05:30)	arn:aws:iam::806759872131:group/spl66/EC2-Admin

Users

Permissions

Access Advisor

Users in this group (1)

An IAM user is an entity that you create in AWS to represent the person or application that uses it to interact with AWS.

Refresh

Remove users

Add users

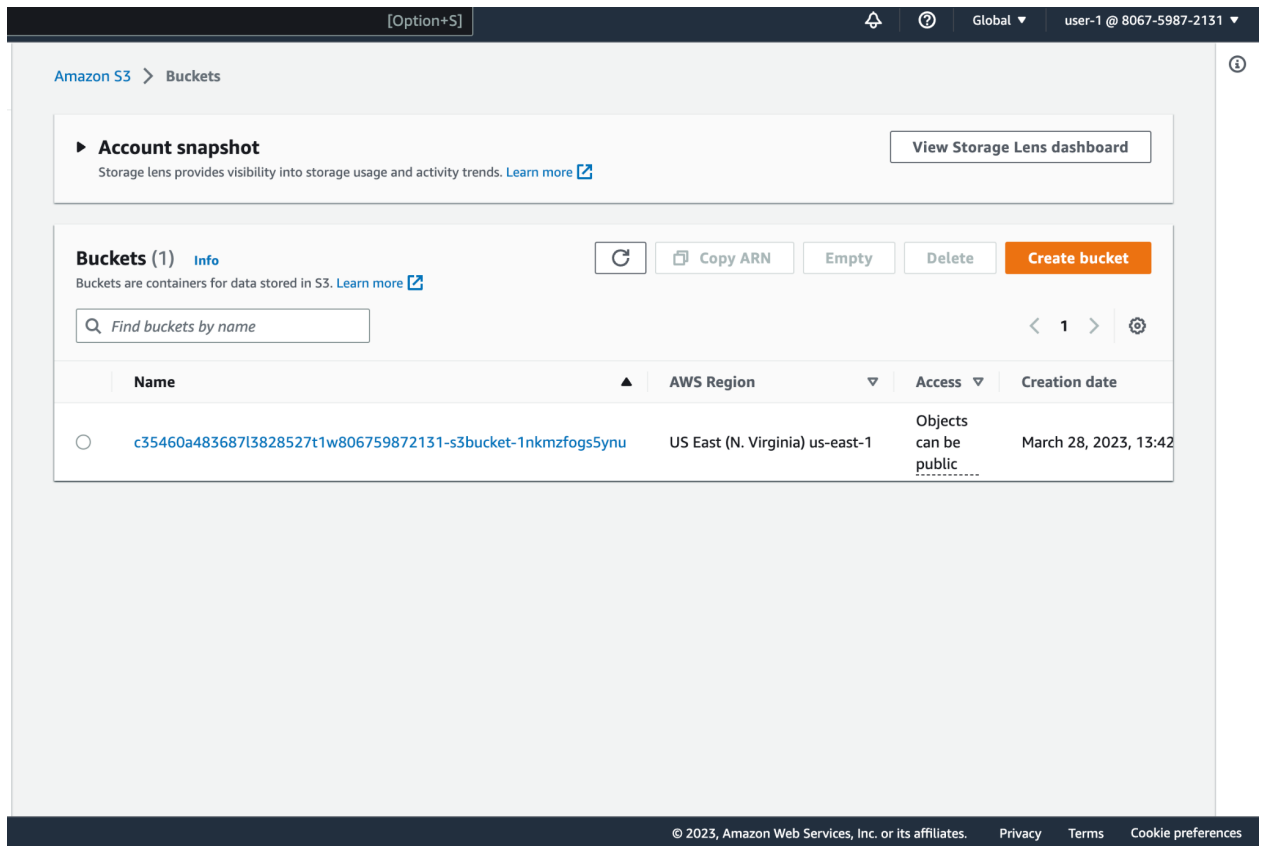
Search

< 1 > ⚙

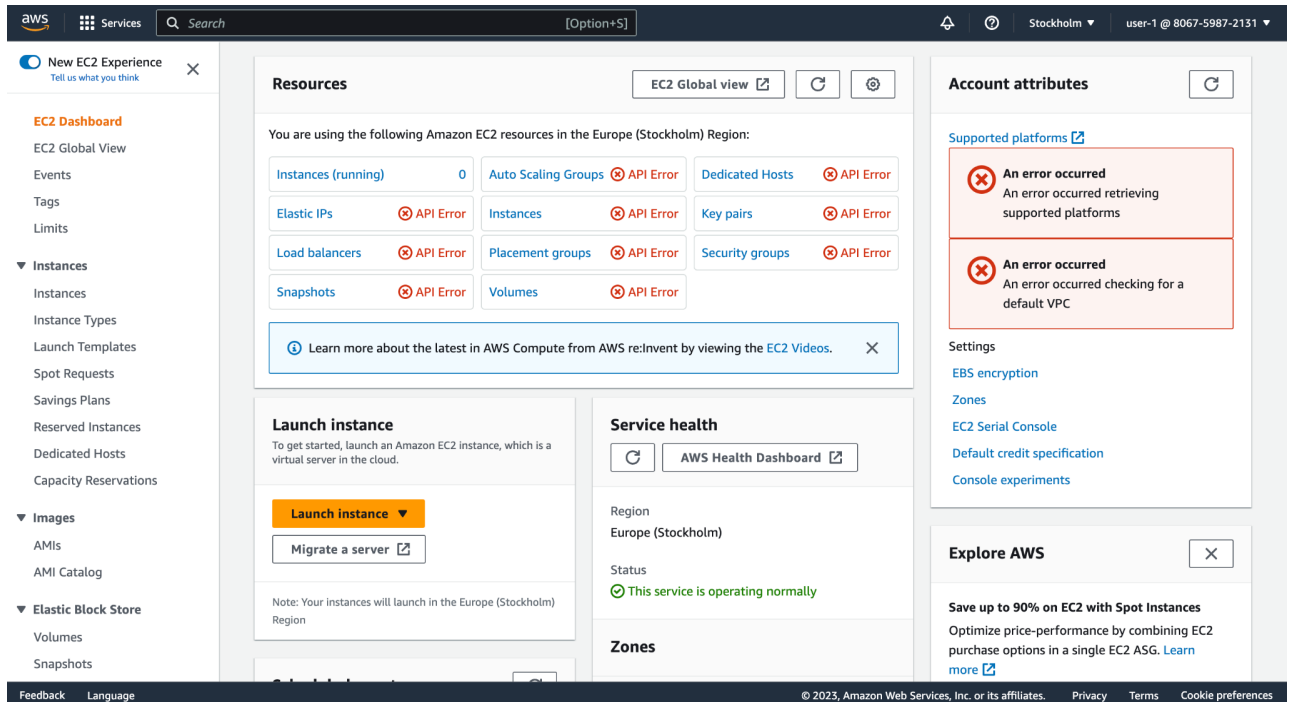
<input type="checkbox"/>	User name	Groups	Last activity	Creation time
<input type="checkbox"/>	user-3	1	None	4 minutes ago

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- View S3 buckets with *user-1* role



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



- Failure message when instance stopped with *user-2* role

The screenshot shows the AWS Management Console interface. A red error banner at the top states: "Failed to stop the instance i-0cdebe941c5a81b96. You are not authorized to perform this operation. Encoded authorization failure message: qul9uXIL0gP19LR_zpQXFCmuMxjKy_Pd1nK80_koE4ot_b5f_RpVAUldnqDW6uADuKTdCjCdODrO58B8EdSvmcdjIWF3uraofGuyDYGIBTVIOsx8o4XIU-s4REVrGqs3QX1tLan11rJ2iOKLMOFJH1IYUcFYkE9nExXSWG92n4Qc33HqGOUz7m-h4INaUEuuxrJPWUqJF_suOpifG1jYms2MoGCwJ89X7xTsnbuvch68nWhipc4rWc8Eanr6Q3Z56Keqah9JIFI-8QFvY9PhMdrACs1kUfJlJlbgg4N5GuE8rgDnqMcMvTL0zGqG_rOFsypX8kuzWys2LcUeAoLLIABWUmCH-RnADAQEkObevjMKL-tk8ib8Yn7wYJ6w-xFwhKPI-W-BTel6cCMAFAq3svFXACGQyOqZ1UT7KW-XmYkQqaFhdZ6O0Y_2ILArgVibCk11wXP-mKw3ZaR-xqq07eWX7V_tnFHhVZJMNBDzU2uVKh2P8LmCwpiWP13-xmug50ktHwfnb55GQwCxcuU1uoOyg2puHGmka7w5qCL4XqPmU8K8Q8hXODKQhEYJXzbVdzVcaYndXRRKokC5ibc0oaOhbWYyVDINREktlfK7BN47Q_Mu5GOTDb-36oYSi8vIUWmbUjFgh1l6gc1NaggPMjc_J-632ORpLR7Argw_yzIAin33KVC0EYaoYAQSNtAxdu3UnfdOy2Cu6EYzzPESEwY4VruXvjg4meZkABmpSnsveROnhDJEEx03Nne9oMECggZAQsB2XuLz7YycT-8JKZ_ZRkXNmIXsFenAsSFXZ0WLWt6fu02weAJE-KWNEHVJlQK9fC03C_-iXysvcYIF0pNx6_S8zvbeBeYq6cgwSwy1fDHyWLJtuginBqoCMCvgDvKMCwygXgA54KnK-g_y7Utu1Ds2Qff8afYW-vmReUXsW4Dgk9CKlOxt71ZZww5d0SaFHy8FsDu8". Below the error message, the "Instances (1/1) Info" section is visible, showing details for instance i-0cdebe941c5a81b96, which is in the "Running" state.

- Successful stoppage of E2 instance with *user-3* role

The screenshot shows the AWS Management Console interface. A green success banner at the top states: "Successfully stopped i-0cdebe941c5a81b96". Below the banner, the "Instances (1/1) Info" section is visible, showing details for instance i-0cdebe941c5a81b96, which is in the "Stopping" state. The instance details show it is a t2.micro instance in the us-east-1a Availability Zone.