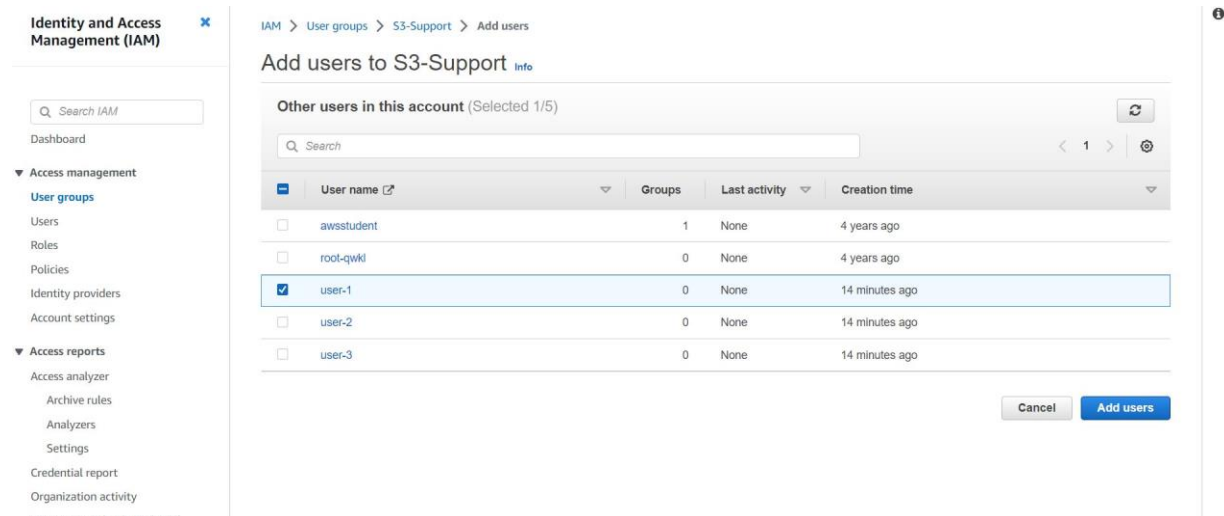


Introduction to AWS Identity and Access Management (IAM)

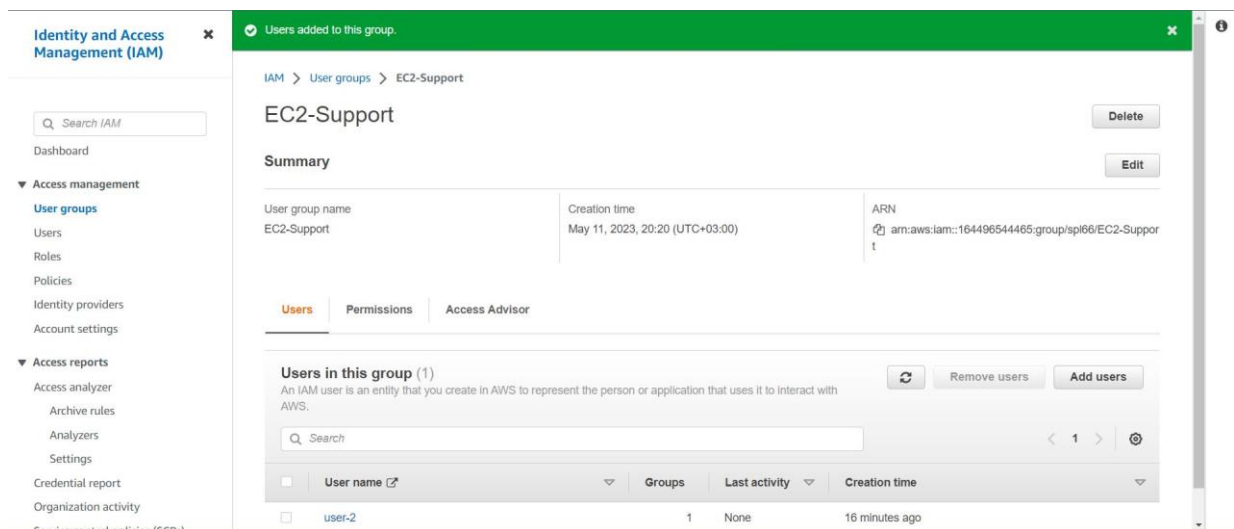
1. Add user-1 to S3-support group.



The screenshot shows the AWS IAM console interface. On the left is a navigation sidebar with sections for 'Access management' (containing 'User groups', 'Users', 'Roles', 'Policies', 'Identity providers', 'Account settings') and 'Access reports' (containing 'Access analyzer', 'Archive rules', 'Analyzers', 'Settings', 'Credential report', 'Organization activity'). The main content area is titled 'IAM > User groups > S3-Support > Add users'. Below the breadcrumb is the heading 'Add users to S3-Support' with an 'info' link. A sub-header reads 'Other users in this account (Selected 1/5)'. Below this is a search bar and a table of users. The table has columns for 'User name', 'Groups', 'Last activity', and 'Creation time'. The user 'user-1' is selected with a blue checkbox. At the bottom right are 'Cancel' and 'Add users' buttons.

	User name	Groups	Last activity	Creation time
<input type="checkbox"/>	awsstudent	1	None	4 years ago
<input type="checkbox"/>	root-qwkl	0	None	4 years ago
<input checked="" type="checkbox"/>	user-1	0	None	14 minutes ago
<input type="checkbox"/>	user-2	0	None	14 minutes ago
<input type="checkbox"/>	user-3	0	None	14 minutes ago

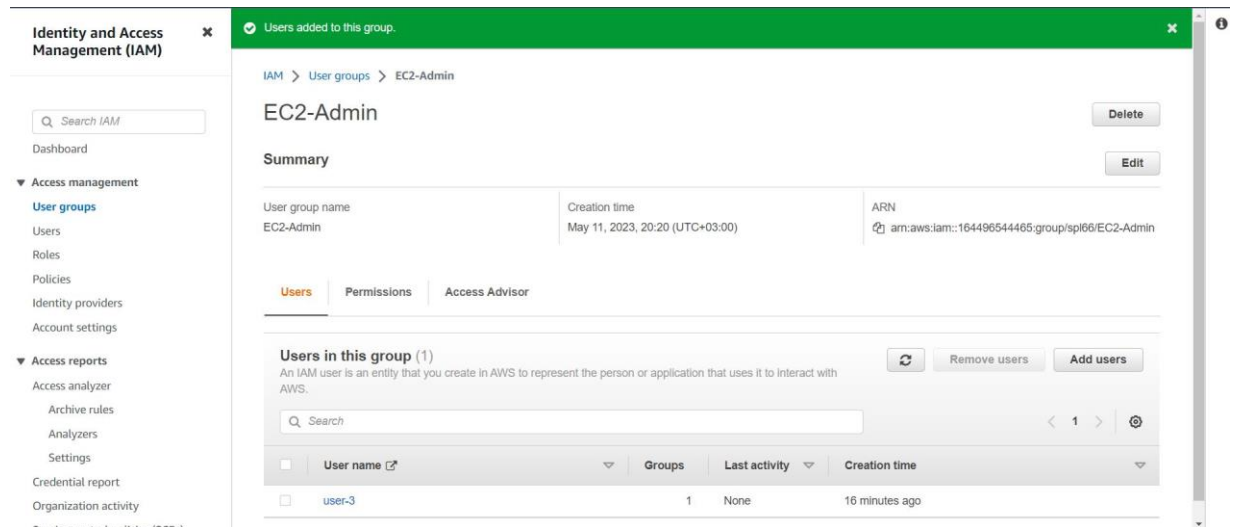
2. Add user-2 to EC2-Support group



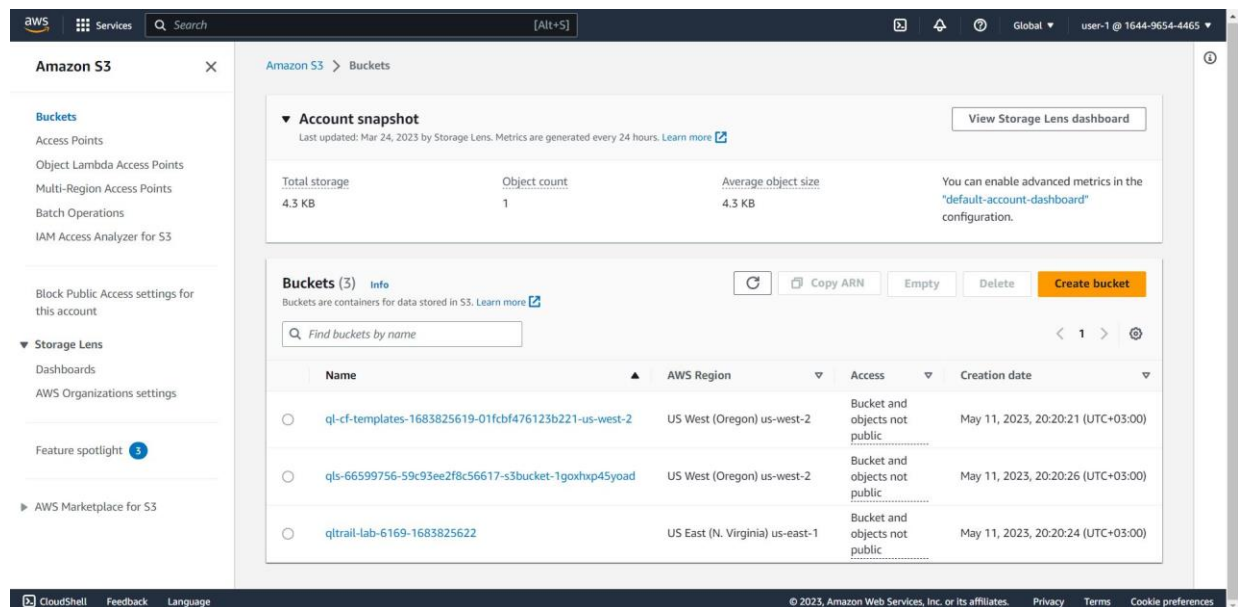
The screenshot shows the AWS IAM console interface. A green banner at the top says 'Users added to this group.' The main content area is titled 'IAM > User groups > EC2-Support'. Below the breadcrumb is the heading 'EC2-Support' with 'Delete' and 'Edit' buttons. A 'Summary' section shows details for the 'EC2-Support' group: 'User group name' is 'EC2-Support', 'Creation time' is 'May 11, 2023, 20:20 (UTC+03:00)', and 'ARN' is 'arn:aws:iam::164496544465: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)'. Below this is a search bar and a table of users. The table has columns for 'User name', 'Groups', 'Last activity', and 'Creation time'. The user 'user-2' is listed. At the bottom right are 'Remove users' and 'Add users' buttons.

User name	Groups	Last activity	Creation time
user-2	1	None	16 minutes ago

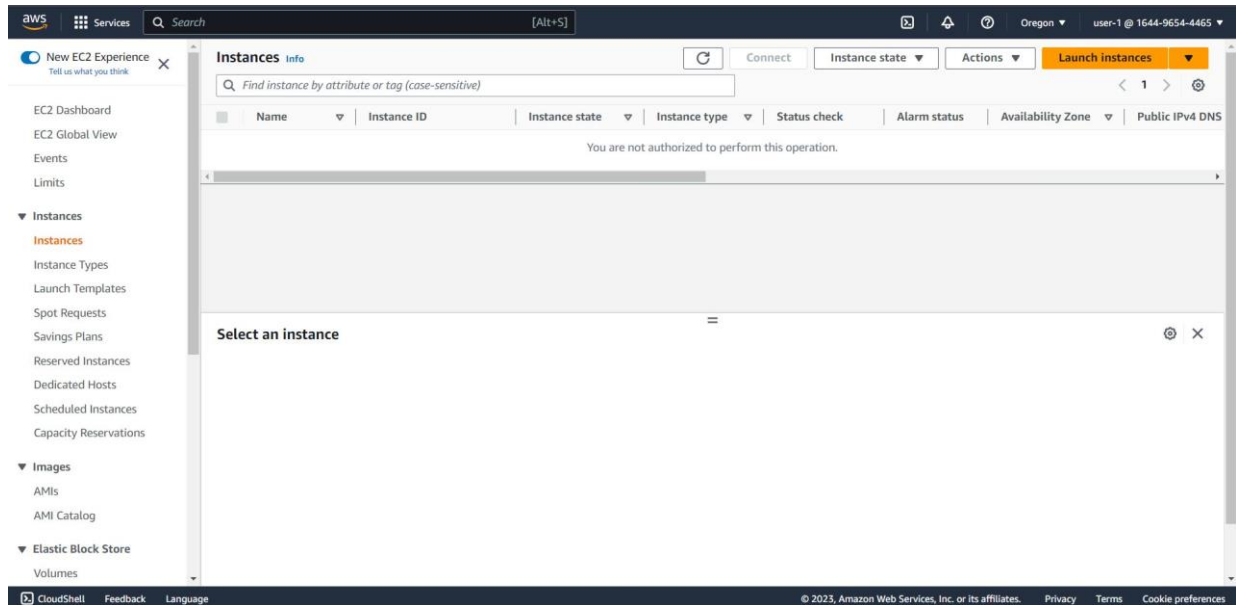
3. Add user-3 to EC2-admin group



4. You will now sign-in as user-1 ,since your user is part of the S3-Support Group in IAM, they have permission to view a list of Amazon S3 buckets and the contents of the s3bucket.



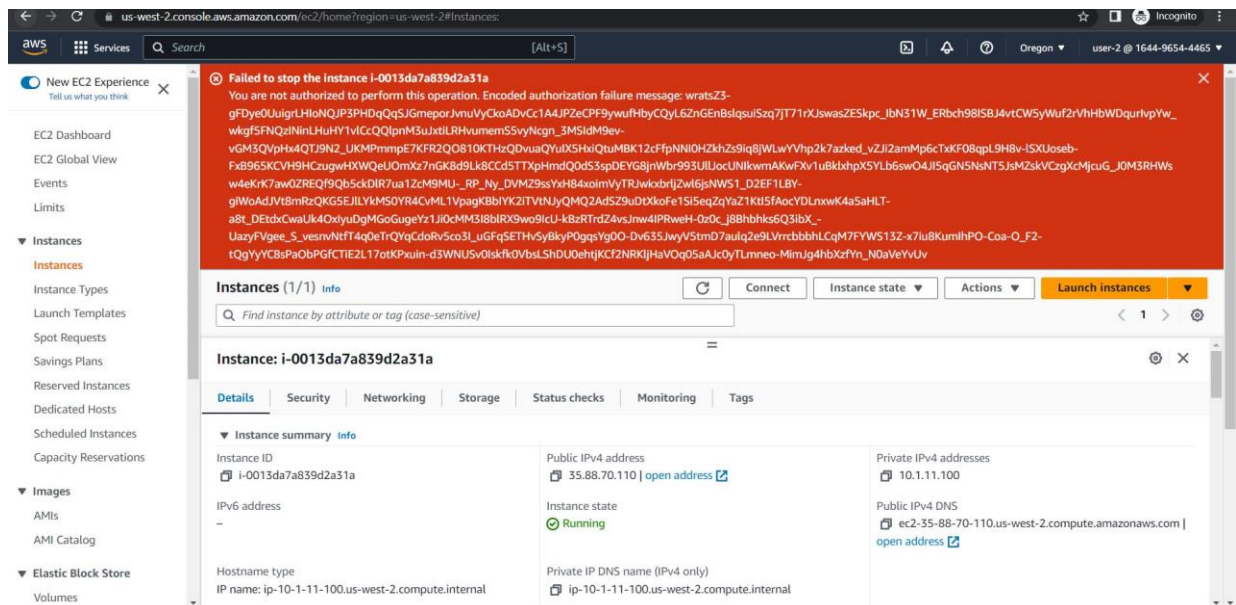
5. You cannot see any instances. This is because your user has been assigned any permissions to use Amazon EC2. You will now sign-in as user-2, who has been hired as your Amazon EC2 support person.



6. Sign-in-with user-2, and in the navigation pane on the left, click instances.

You are now able to see an Amazon EC2 instance because you have Read Only permissions. However, you will not be able to make any changes to Amazon EC2

Resources. If you try to stop the instance you will receive an error message.



7. Now sign-in as user-3, who has been hired as your Amazon EC2 administrator.

If you try to stop the instance with user-3, you will succeed, the instance will enter the stopping state and will shut down.

The screenshot displays the AWS Management Console interface. At the top, a green banner states "Successfully stopped i-0013da7a839d2a31a". The main content area shows the "Instances (1/1)" page. A table lists the instance "i-0013da7a839d2a31a" with a status of "Stopping". Below the table, the "Details" tab for instance "i-0013da7a839d2a31a" is expanded, showing the following information:

Instance summary info		
Instance ID	Public IPv4 address	Private IPv4 addresses
i-0013da7a839d2a31a	35.88.70.110 open address	10.1.11.100
IPv6 address	Instance state	Public IPv4 DNS
-	Stopping	ec2-35-88-70-110.us-west-2.compute.amazonaws.com open address
Hostname type	Private IP DNS name (IPv4 only)	
IP name: ip-10-1-11-100.us-west-2.compute.internal	ip-10-1-11-100.us-west-2.compute.internal	