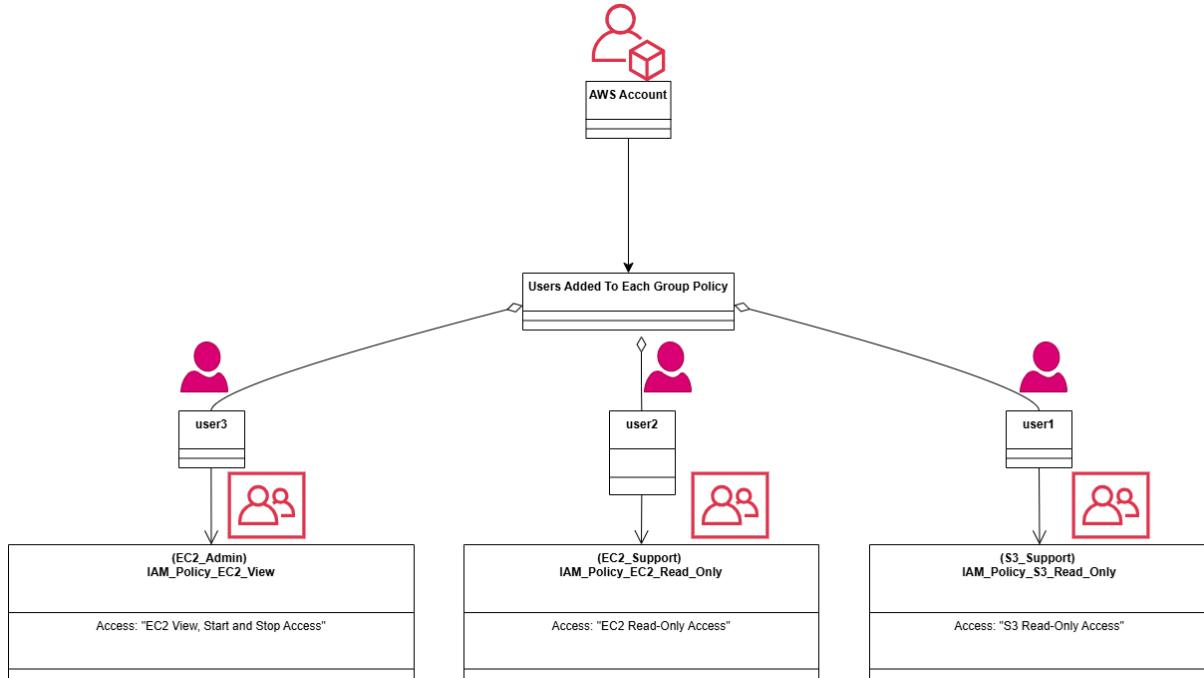
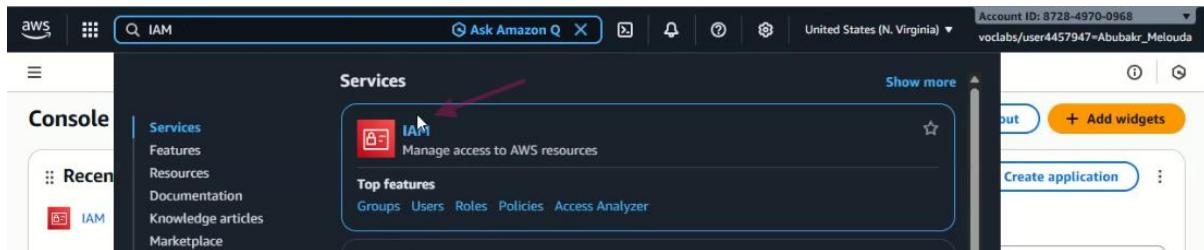


(Module 4 Lab - AWS Identity and Access Management (IAM))



- **Screenshot navigating to Identity and access management users and groups control panel.**



Screenshot users created:

The screenshot shows the AWS IAM 'Users' page. The left sidebar has 'Access management' expanded, with 'User groups' selected. The main area displays a table of users:

User name	Path	Group	Last activity	MFA	Password age
awsstudent	/	Access denied	-	-	Access denied
user-1	/spl66/	0	-	-	19 minutes
user-2	/spl66/	0	-	-	19 minutes
user-3	/spl66/	0	-	-	19 minutes

Screenshot group policy created:

The screenshot shows the AWS IAM 'User groups' page. The left sidebar has 'Access management' expanded, with 'User groups' selected. The main area shows the 'EC2-Support' group summary and its permissions:

Summary

User group name: EC2-Support

Permissions

Permissions policies (1)

AmazonEC2ReadOnlyAccess

```

1 ~ {[
2   "Statement": [
3     {
4       "Effect": "Allow",
5       "Action": [
6         "ec2:Describe*",
7         "ec2:GetSecurityGroupsForVpc"
8       ],
9       "Resource": "*"
10    },
11    {
12      "Effect": "Allow",
13      "Action": "elasticloadbalancing:Describe"
14    }
]
}
  
```

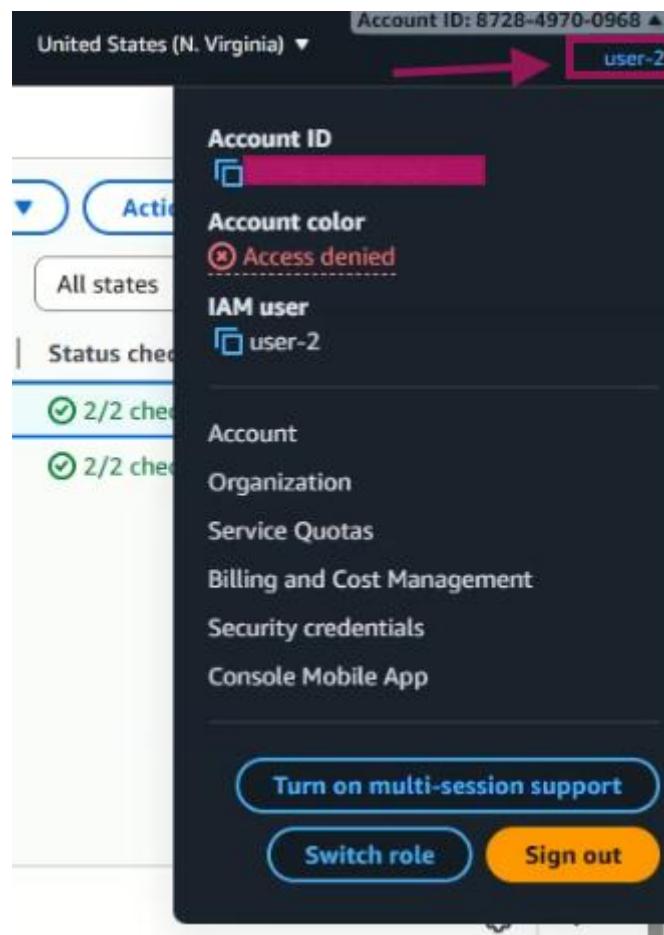
The screenshot shows the AWS IAM User groups page. On the left sidebar, under 'Access management', 'User groups' is selected. The main area displays a table titled 'User groups (3)'. The table has columns for 'Group name', 'Users', 'Permissions', and 'Creation time'. Three groups are listed: 'EC2-Admin', 'EC2-Support', and 'S3-Support'. Each group has a status icon (yellow triangle), user count (0), permission status (Defined), and creation time (20 minutes ago). A red arrow points to the 'User groups' link in the sidebar.

- **Screenshot adding users to the relevant group policy services.**

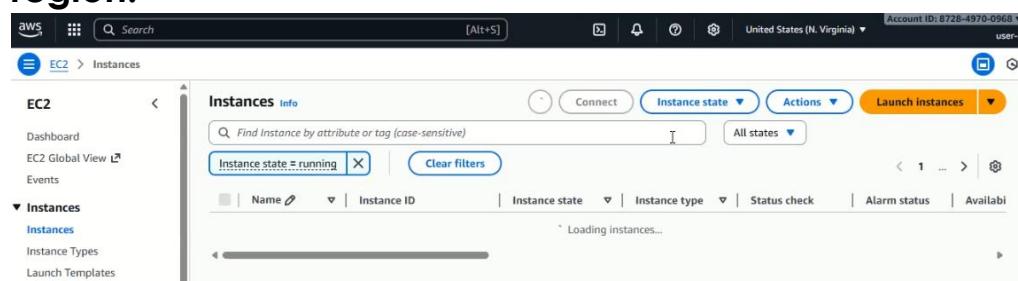
The screenshot shows the 'Add users to EC2-Support' dialog. At the top, the path 'IAM > User groups > EC2-Support > Add users' is visible. Below it, the title 'Add users to EC2-Support' is highlighted with a red box. The main area lists 'Other users in this account (1/4)' with a table. One user, 'user-2', is selected and highlighted with a red box. The 'Add users' button at the bottom right is also highlighted with a red box. A red arrow points to the 'user-2' row.

The screenshot shows the 'EC2-Support' group summary page. The top navigation bar includes 'Identity and Access Management (IAM)', 'User groups', and 'EC2-Support'. A green banner at the top states '1 user added to this group.' The main area shows a 'Summary' section with an 'Edit' button. A red box highlights the green banner message.

- **Screenshot of logging as user-1 to verify access to EC2 Instance service.**



For troubleshooting purposes it's important to note: If you are unable to see EC2 instances you might need to check the correct region selected. Navigate to the top-right of the screen, pull-down the Region menu and select the correct region.





- Screenshot of user-2 test result successful with access to LabHost EC2 instance under EC2-Support group policy.

Name	Instance ID	Instance State	Type	Status Check	Alarm Status	Availability Zone
LabHost	i-01a45b3fa116c6532	Running	t2.micro	2/2 checks passed	View alarms +	us-east-1
Bastion Host	i-0744f49971ab0a2cd	Running	t2.micro	2/2 checks passed	View alarms +	us-east-1

- Screenshot successful verification that user-2 does not have access to S3 storage service.

You don't have permissions to list buckets
After you or your AWS administrator has updated your permissions to allow the s3>ListAllMyBuckets action, refresh this page. Learn more about [Identity and access management in Amazon S3](#).

Account ID: [REDACTED]
Account color: Access denied
IAM user: user-2
Account: [REDACTED]
Organization: [REDACTED]
Service Quotas: [REDACTED]
Billing and Cost Management: [REDACTED]
Security credentials: [REDACTED]
Console Mobile App: [REDACTED]