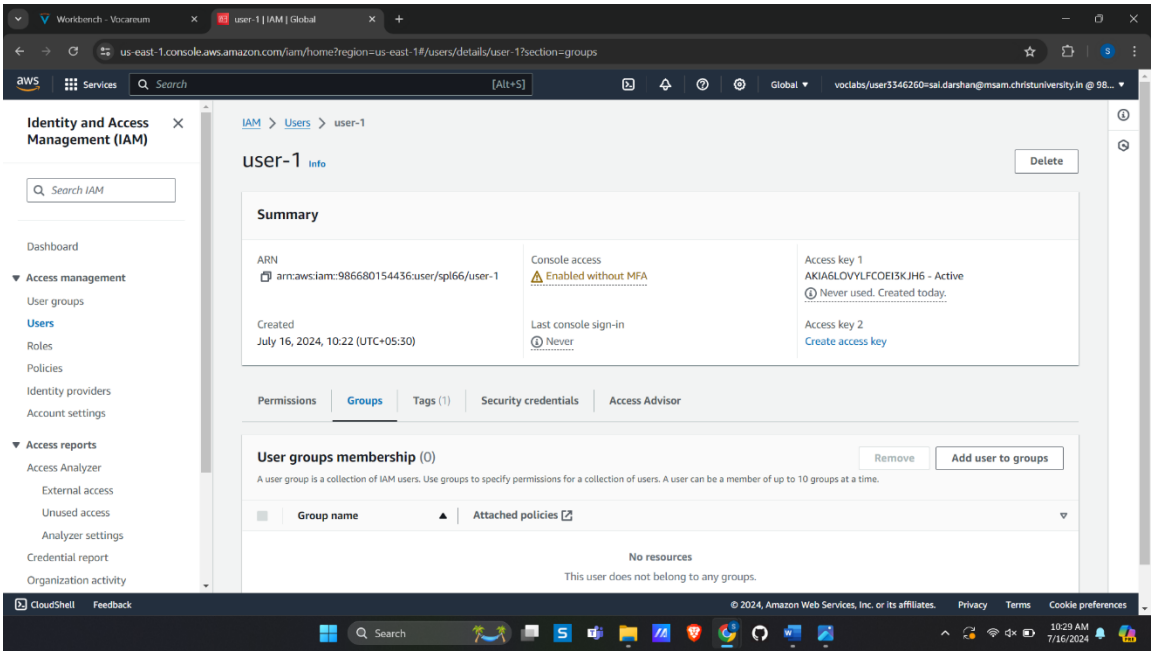
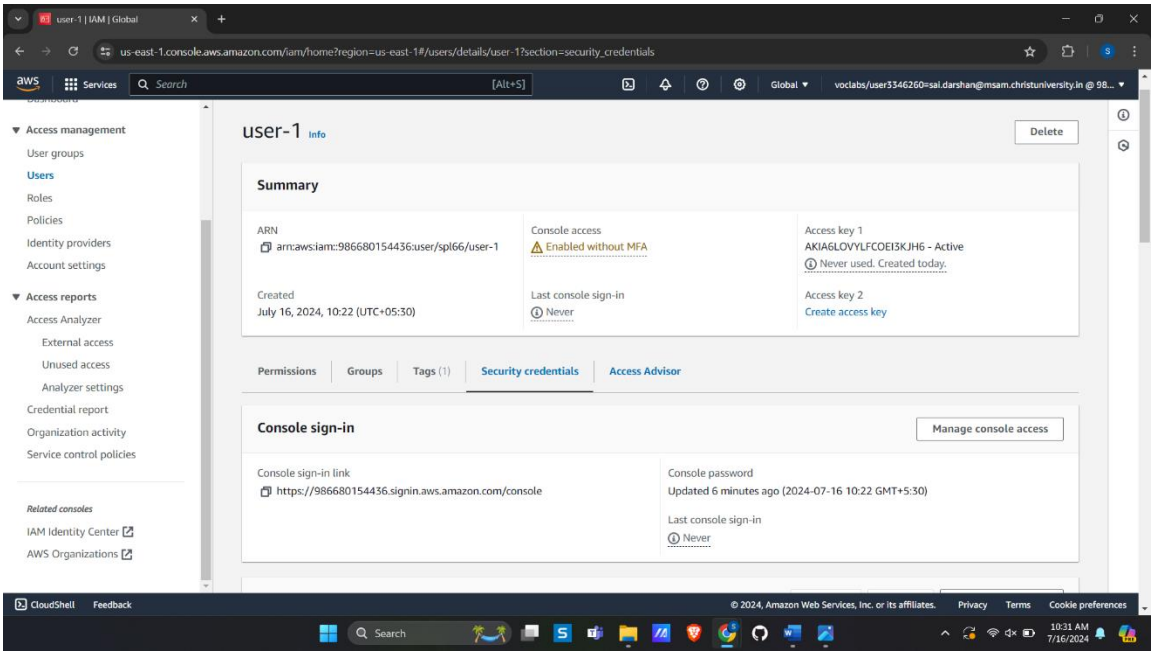
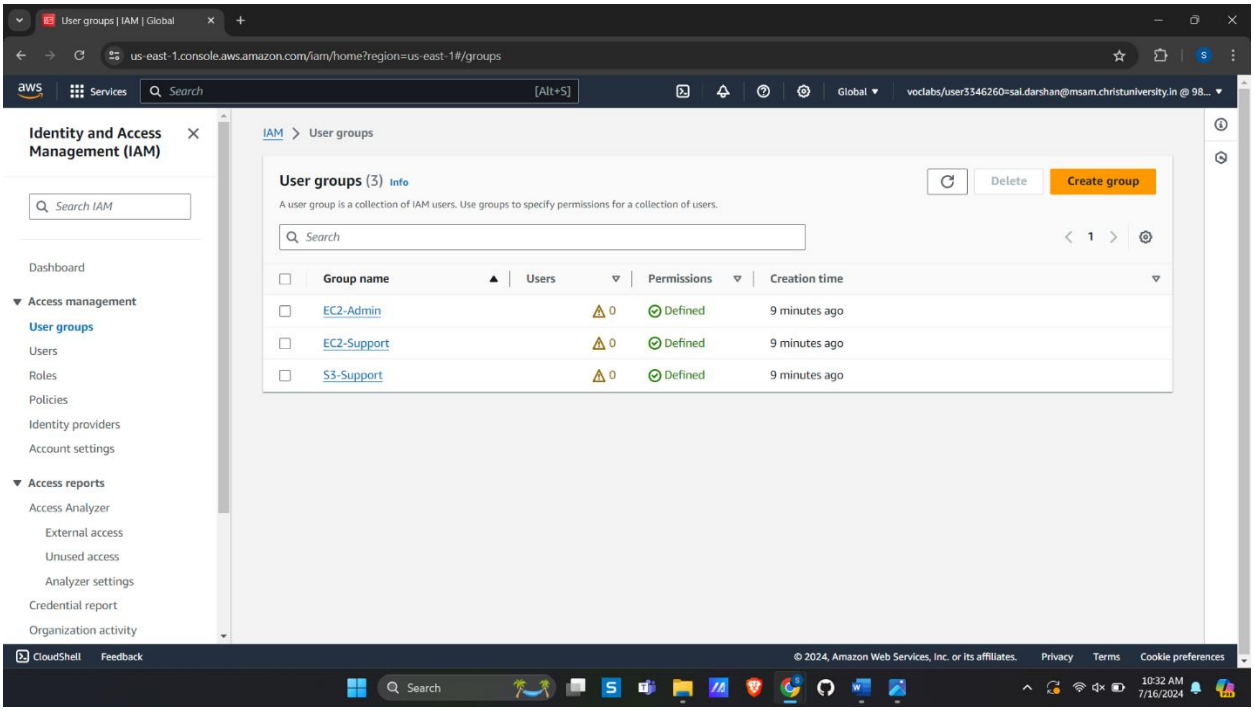
Cloud Computing

2348548_Lab4

- Exploring pre-created
- Inspecting as applied to the pre-created groups
- Following adding users to groups with specific capabilities enabled
- Locating and using the
- with the effects of policies on service access






User groups | IAM | Global
us-east-1.console.aws.amazon.com/iam/home?region=us-east-1#/groups
Identity and Access Management (IAM)
IAM > User groups
User groups (3) Info
A user group is a collection of IAM users. Use groups to specify permissions for a collection of users.
Delete
Create group
Group name
Users
Permissions
Creation time
EC2-Admin
0
Defined
9 minutes ago
EC2-Support
0
Defined
9 minutes ago
S3-Support
0
Defined
9 minutes ago
Dashboard
Access management
User groups
Users
Roles
Policies
Identity providers
Account settings
Access reports
Access Analyzer
External access
Unused access
Analyzer settings
Credential report
Organization activity
CloudShell
Feedback
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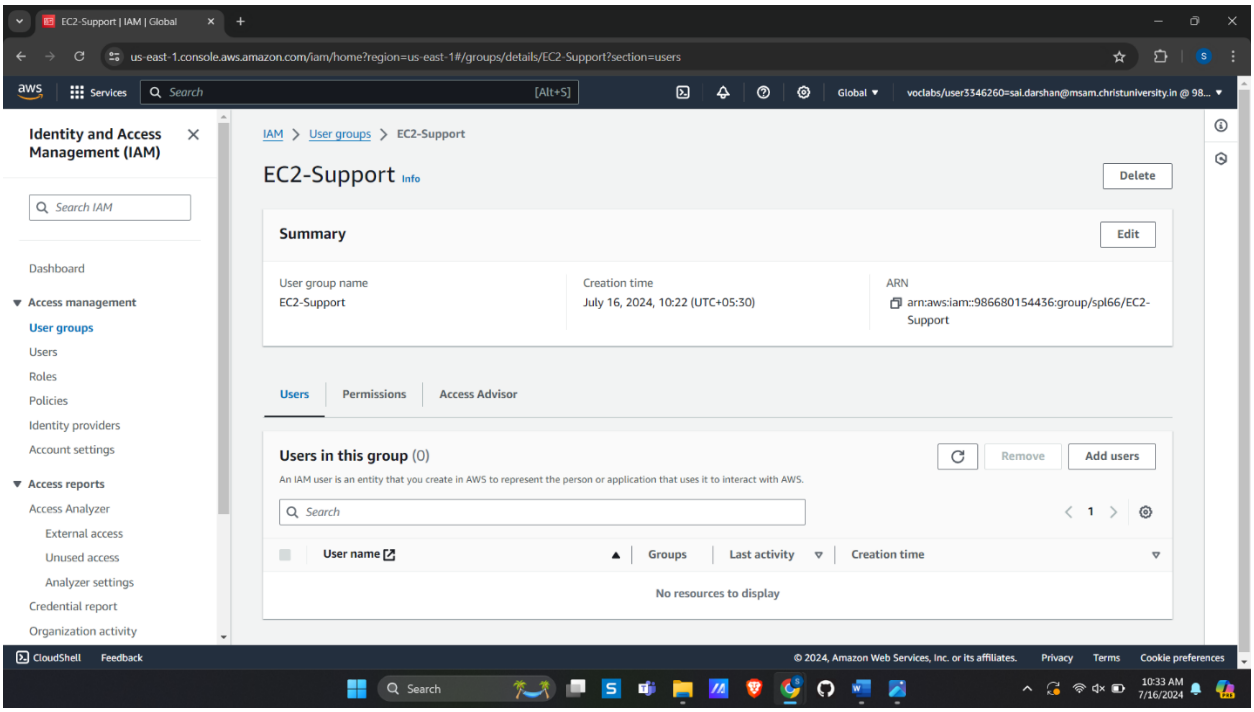
Privacy
Terms
Cookie preferences


EC2-Support | IAM | Global
us-east-1.console.aws.amazon.com/iam/home?region=us-east-1#/groups/details/EC2-Support?section=users
Identity and Access Management (IAM)
IAM > User groups > EC2-Support
EC2-Support Info
Delete
Summary
Edit
User group name
EC2-Support
Creation time
July 16, 2024, 10:22 (UTC+05:30)
ARN
arn:aws:iam::986680154436:group/spl66/EC2-Support
Users
Permissions
Access Advisor
Users in this group (0)
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
Add users
User name
Groups
Last activity
Creation time
No resources to display
Dashboard
Access management
User groups
Users
Roles
Policies
Identity providers
Account settings
Access reports
Access Analyzer
External access
Unused access
Analyzer settings
Credential report
Organization activity
CloudShell
Feedback
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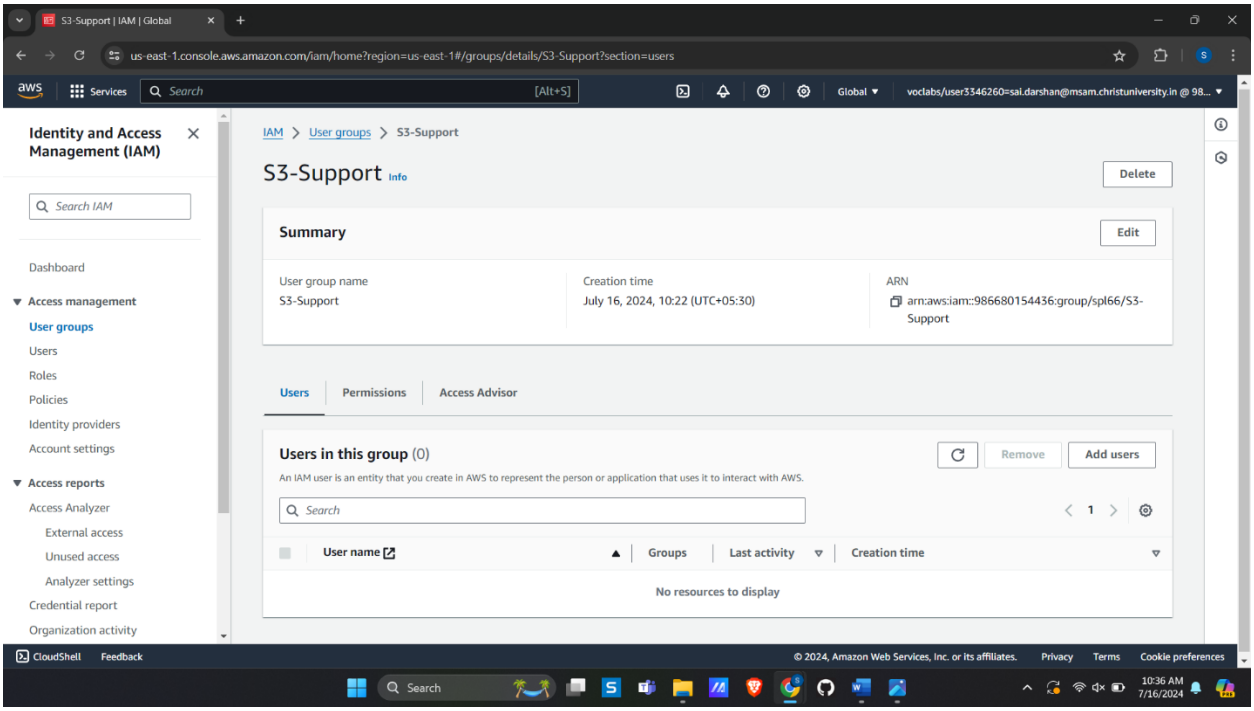
Terms
Cookie preferences


S3-Support | IAM | Global
us-east-1.console.aws.amazon.com/iam/home?region=us-east-1#/groups/details/S3-Support?section=users
Identity and Access Management (IAM)
Search IAM
Dashboard
Access management
User groups
Users
Roles
Policies
Identity providers
Account settings
Access reports
Access Analyzer
External access
Unused access
Analyzer settings
Credential report
Organization activity
IAM > User groups > S3-Support
S3-Support Info
Delete
Summary
Edit
User group name
S3-Support
Creation time
July 16, 2024, 10:22 (UTC+05:30)
ARN
arn:aws:iam::986680154436:group/spl66/S3-Support
Users
Permissions
Access Advisor
Users in this group (0)
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
Add users
Search
User name
Groups
Last activity
Creation time
No resources to display
CloudShell
Feedback
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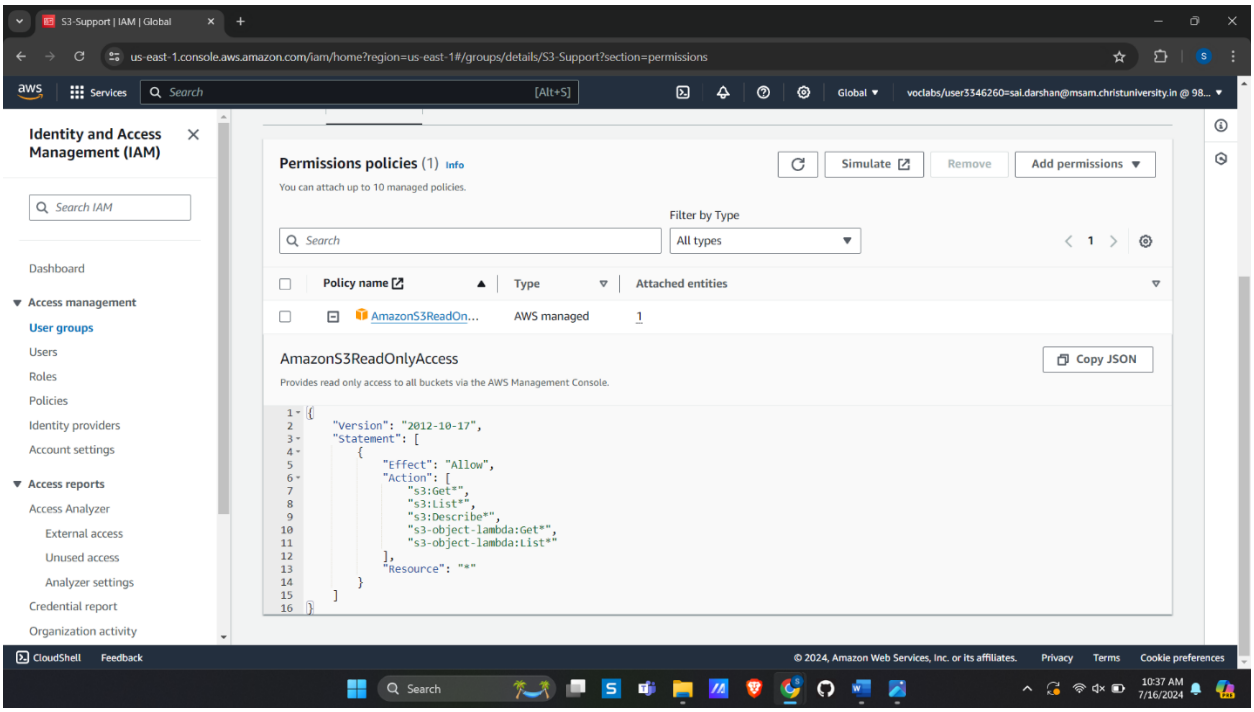
7/16/2024


S3-Support | IAM | Global
us-east-1.console.aws.amazon.com/iam/home?region=us-east-1#/groups/details/S3-Support?section=permissions
Identity and Access Management (IAM)
Search IAM
Dashboard
Access management
User groups
Users
Roles
Policies
Identity providers
Account settings
Access reports
Access Analyzer
External access
Unused access
Analyzer settings
Credential report
Organization activity
Permissions policies (1) Info
You can attach up to 10 managed policies.
Simulate
Remove
Add permissions
Filter by Type
Search
All types
Policy name
Type
Attached entities
AmazonS3ReadOn...
AWS managed
1
AmazonS3ReadOnlyAccess
Provides read only access to all buckets via the AWS Management Console.
Copy JSON
{
"Version": "2012-10-17",
"Statement": [
{
"Effect": "Allow",
"Action": [
"s3:Get*",
"s3:List*",
"s3:Describe*",
"s3-object-lambda:Get*",
"s3-object-lambda:List*"
],
"Resource": "*"
}
]
}
CloudShell
Feedback
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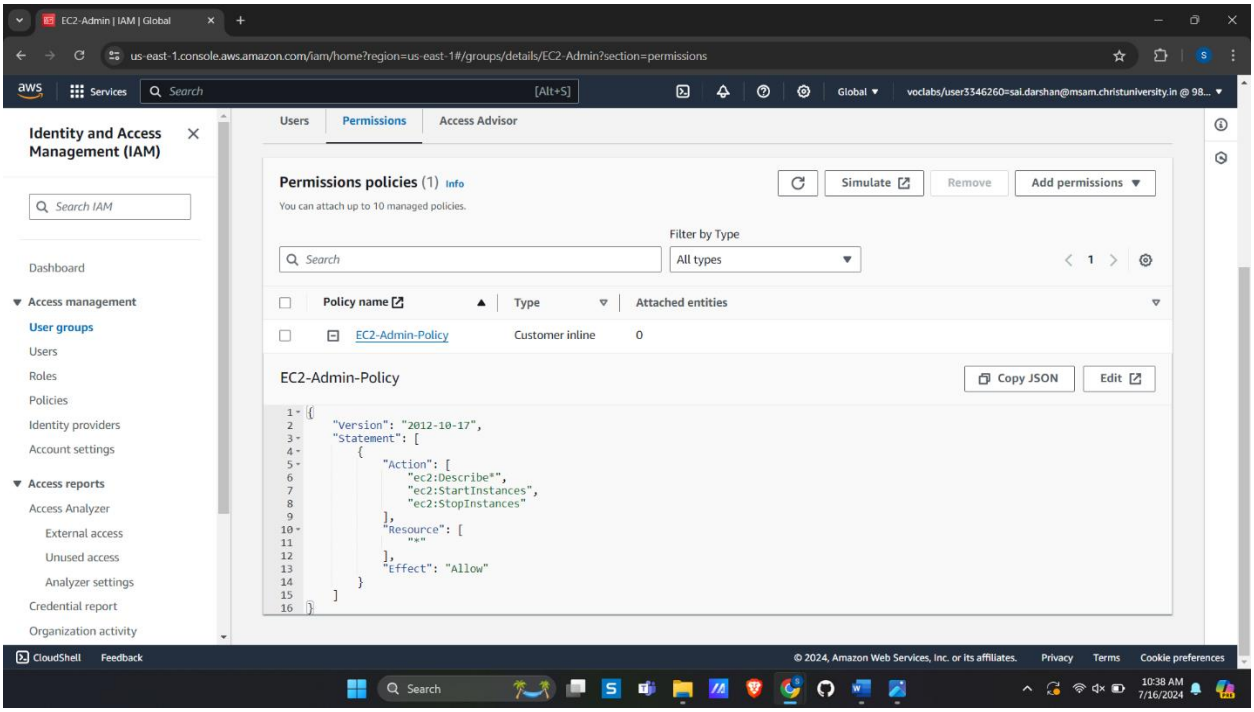
EC2-Admin | IAM | Global
us-east-1.console.aws.amazon.com/iam/home?region=us-east-1#/groups/details/EC2-Admin?section=permissions
Identity and Access Management (IAM)
Search IAM
Dashboard
Access management
User groups
Users
Roles
Policies
Identity providers
Account settings
Access reports
Access Analyzer
External access
Unused access
Analyzer settings
Credential report
Organization activity
Users
Permissions
Access Advisor
Permissions policies (1) Info
You can attach up to 10 managed policies.
Simulate
Remove
Add permissions
Filter by Type
Search
All types
Policy name
Type
Attached entities
EC2-Admin-Policy
Customer inline
0
EC2-Admin-Policy
Copy JSON
Edit
{
"Version": "2012-10-17",
"Statement": [
{
"Action": [
"ec2:Describe*",
"ec2:StartInstances",
"ec2:StopInstances"
],
"Resource": [
"*"
],
"Effect": "Allow"
}
]
}
CloudShell
Feedback
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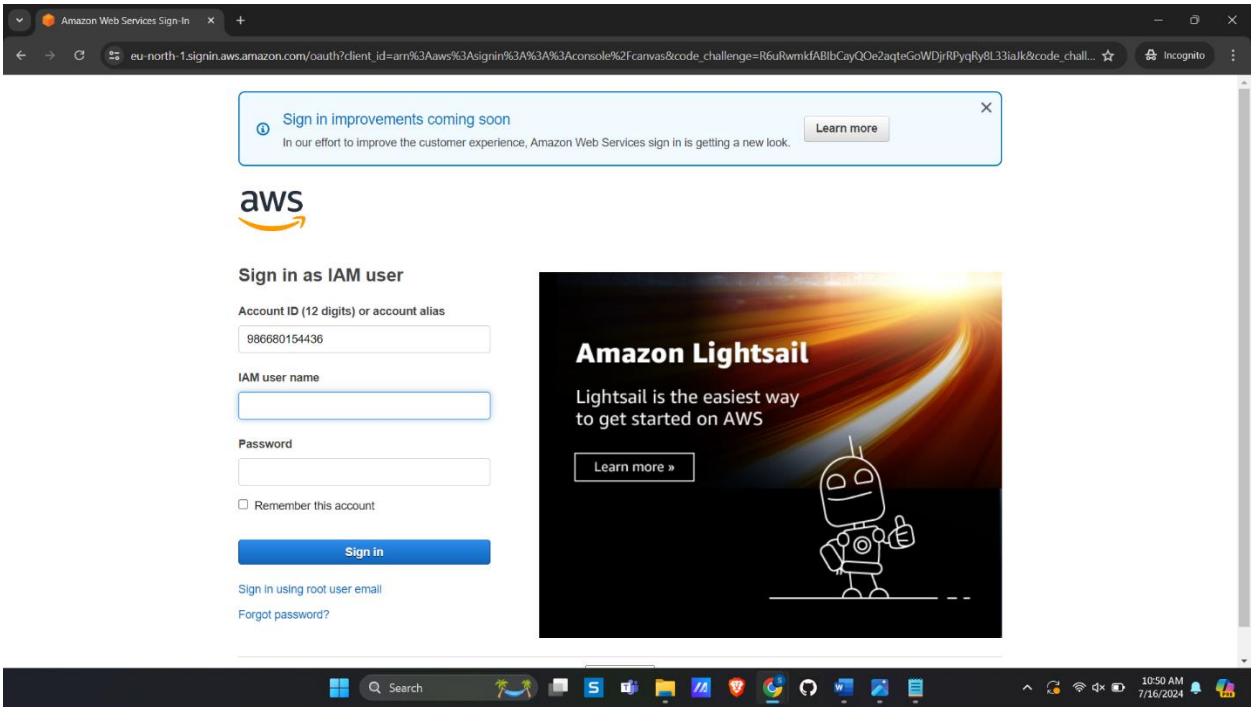
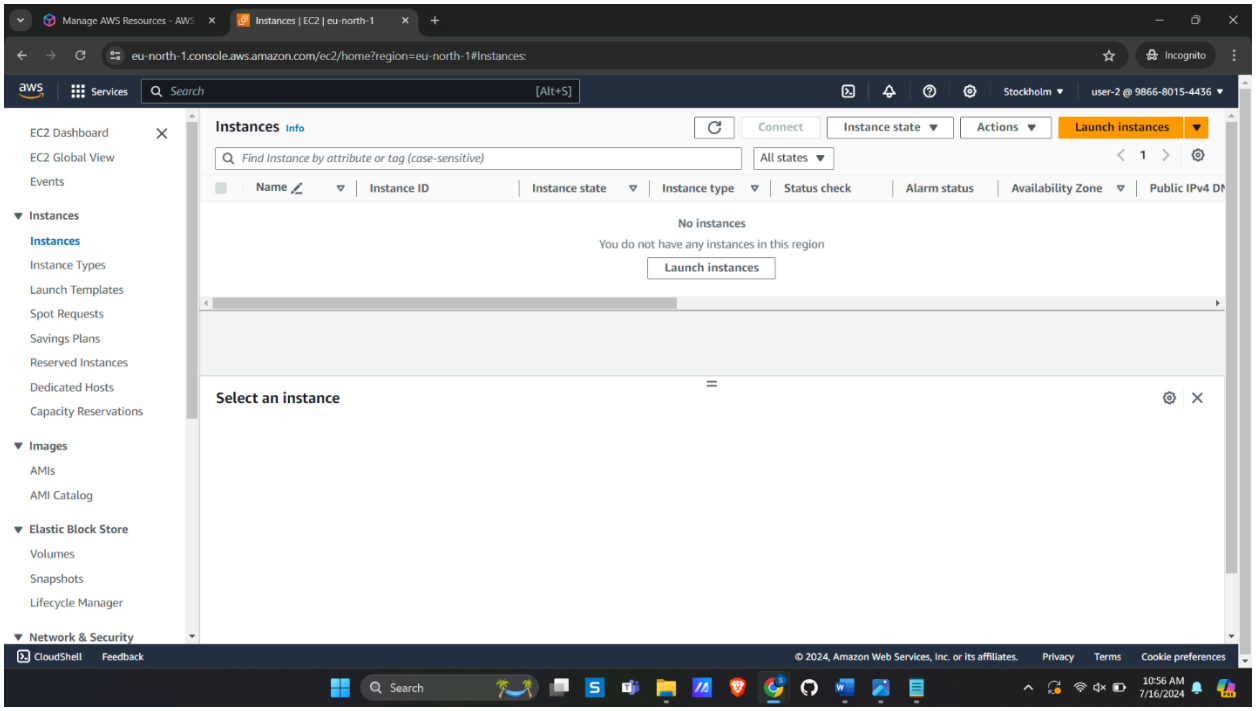
Privacy
Terms
Cookie preferences


Amazon Web Services Sign-In
eu-north-1.signin.aws.amazon.com/oauth?client_id=arn%3Aaws%3Asignin%3A%3A%3Aconsole%2Fcanvas&code_challenge=R6uRwmkfABIbCayQOe2aqteGoWDjrRPyqRy8L33iaJk&code_chall...
Incognito
Sign in improvements coming soon
In our effort to improve the customer experience, Amazon Web Services sign in is getting a new look.
Learn more
aws
Sign in as IAM user
Account ID (12 digits) or account alias
986680154436
IAM user name
Password
Remember this account
Sign in
Sign in using root user email
Forgot password?
Amazon Lightsail
Lightsail is the easiest way to get started on AWS
Learn more »


Manage AWS Resources - AWS
Instances | EC2 | eu-north-1
eu-north-1.console.aws.amazon.com/ec2/home?region=eu-north-1#Instances:
Incognito
Services
Search
[Alt+S]
Stockholm
user-2 @ 9866-8015-4436
EC2 Dashboard
EC2 Global View
Events
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations
Images
AMIs
AMI Catalog
Elastic Block Store
Volumes
Snapshots
Lifecycle Manager
Network & Security
Instances Info
Connect
Instance state
Actions
Launch instances
Find Instance by attribute or tag (case-sensitive)
All states
Name
Instance ID
Instance state
Instance type
Status check
Alarm status
Availability Zone
Public IPv4 DN
No instances
You do not have any instances in this region
Launch instances
Select an instance
CloudShell
Feedback
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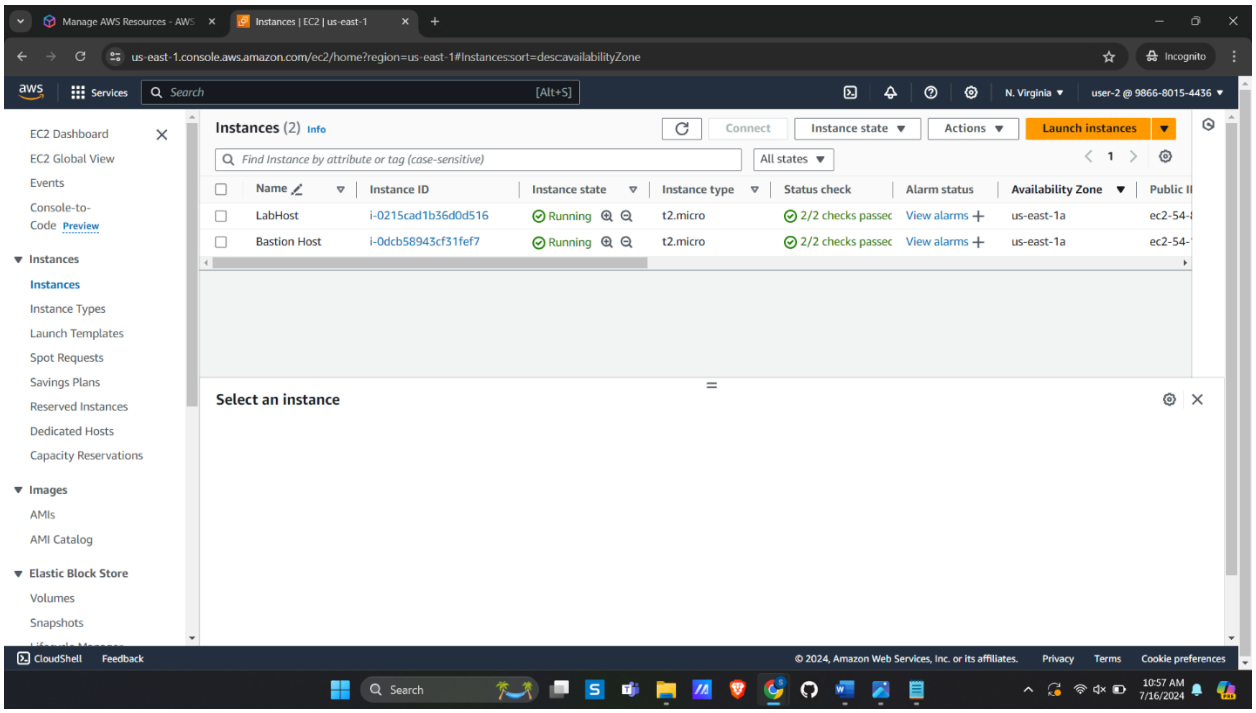
10:56 AM
7/16/2024


Manage AWS Resources - AWS
Instances | EC2 | us-east-1
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Instances:sort=desc:availabilityZone
Incognito
Services
Search
[Alt+S]
N. Virginia
user-2 @ 9866-8015-4436
EC2 Dashboard
EC2 Global View
Events
Console-to-Code Preview
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations
Images
AMIs
AMI Catalog
Elastic Block Store
Volumes
Snapshots
Instances (2) Info
Connect
Instance state
Actions
Launch instances
Find Instance by attribute or tag (case-sensitive)
All states
Name
Instance ID
Instance state
Instance type
Status check
Alarm status
Availability Zone
Public II
LabHost
i-0215cad1b36d0d516
Running
t2.micro
2/2 checks passed
View alarms
us-east-1a
Bastion Host
i-0dcb58943cf31fef7
Running
t2.micro
2/2 checks passed
View alarms
us-east-1a
Select an instance
CloudShell
Feedback
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Terms
Cookie preferences
10:57 AM
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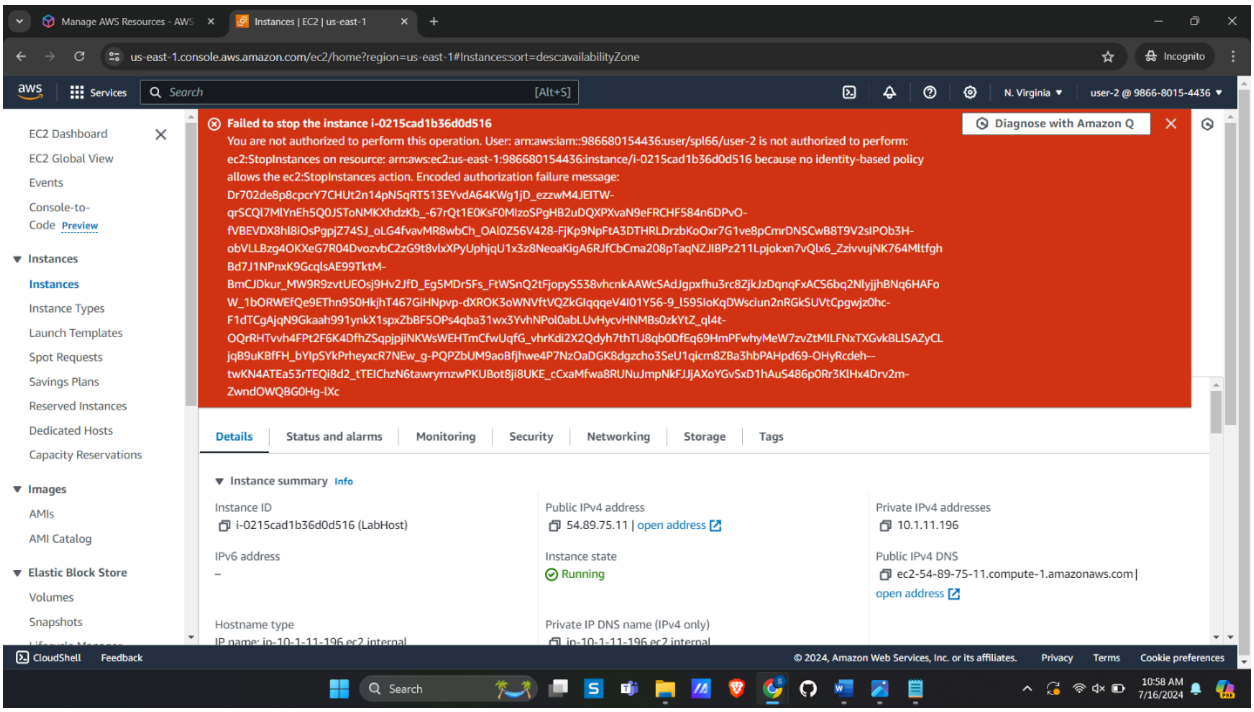
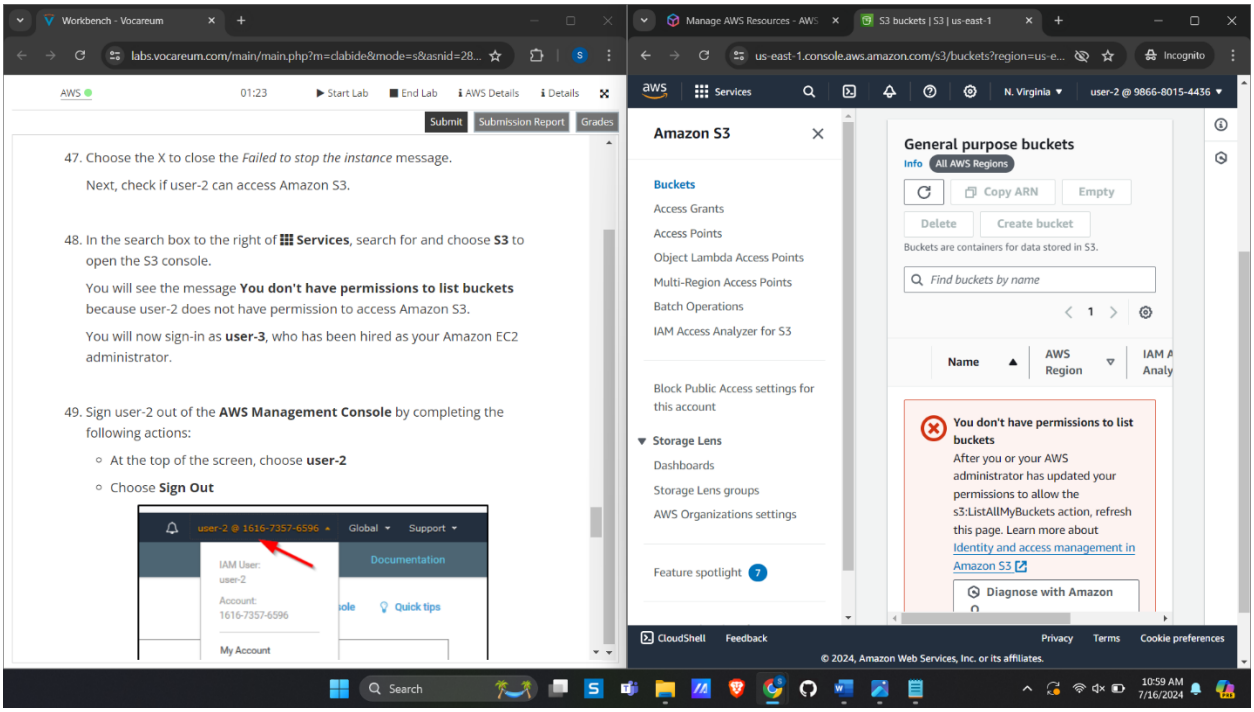
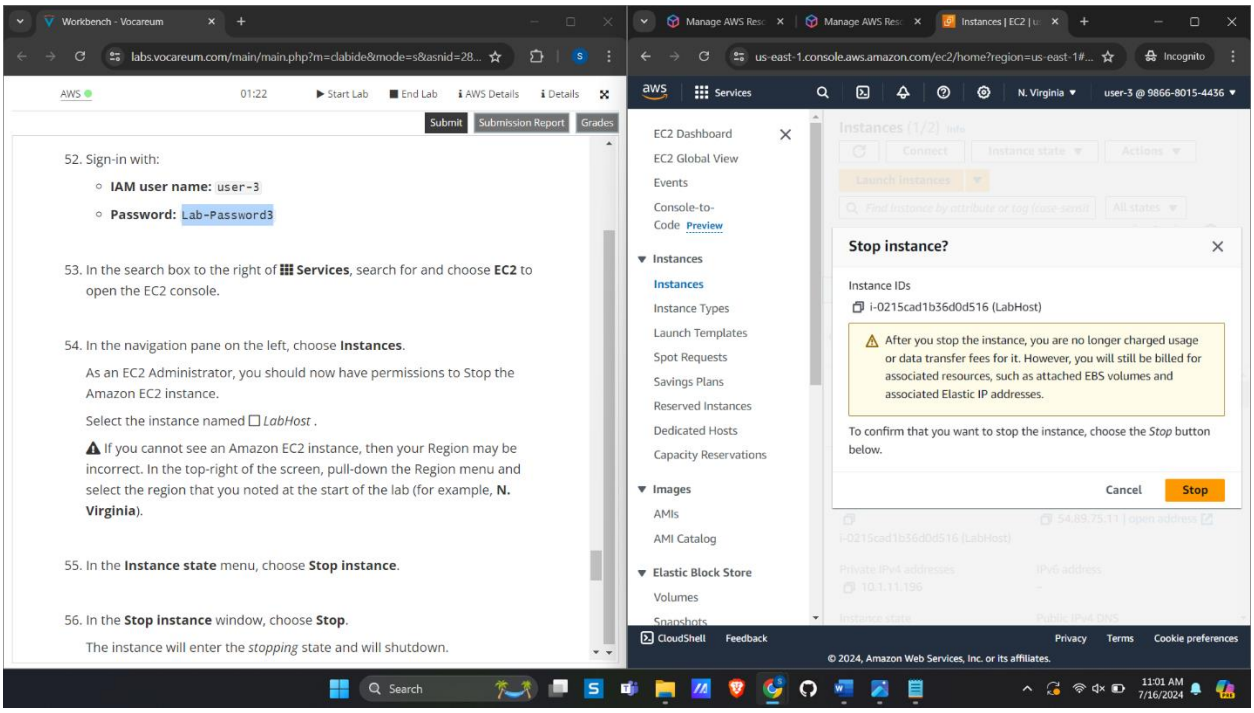

Failed to stop the instance i-0215cad1b36d0d516
You are not authorized to perform this operation. User: arn:aws:iam::986680154436:user/spl66/user-2 is not authorized to perform: ec2:StopInstances on resource: arn:aws:ec2:us-east-1:986680154436:instance/i-0215cad1b36d0d516 because no identity-based policy allows the ec2:StopInstances action. Encoded authorization failure message:
Diagnose with Amazon Q
Details
Status and alarms
Monitoring
Security
Networking
Storage
Tags
Instance summary Info
Instance ID
i-0215cad1b36d0d516 (LabHost)
Public IPv4 address
54.89.75.11 | open address
Private IPv4 addresses
10.1.11.196
IPv6 address
Instance state
Running
Public IPv4 DNS
ec2-54-89-75-11.compute-1.amazonaws.com | open address
Hostname type
Private IP DNS name (IPv4 only)


47. Choose the X to close the Failed to stop the instance message.
Next, check if user-2 can access Amazon S3.
48. In the search box to the right of Services, search for and choose S3 to open the S3 console.
You will see the message You don't have permissions to list buckets because user-2 does not have permission to access Amazon S3.
You will now sign-in as user-3, who has been hired as your Amazon EC2 administrator.
49. Sign user-2 out of the AWS Management Console by completing the following actions:
At the top of the screen, choose user-2
Choose Sign Out
Amazon S3
General purpose buckets
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


Workbench - Vocareum
labs.vocareum.com/main/main.php?m=clabide&mode=s&asnid=28...
AWS
01:22
Start Lab
End Lab
AWS Details
Details
Submit
Submission Report
Grades
52. Sign-in with:
IAM user name: user-3
Password: Lab-Password3
53. In the search box to the right of Services, search for and choose EC2 to open the EC2 console.
54. In the navigation pane on the left, choose Instances.
As an EC2 Administrator, you should now have permissions to Stop the Amazon EC2 instance.
Select the instance named LabHost.
If you cannot see an Amazon EC2 instance, then your Region may be incorrect. In the top-right of the screen, pull-down the Region menu and select the region that you noted at the start of the lab (for example, N. Virginia).
55. In the Instance state menu, choose Stop instance.
56. In the Stop instance window, choose Stop.
The instance will enter the stopping state and will shutdown.
Manage AWS Resc
Instances | EC2
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#...
Incognito
Services
N. Virginia
user-3 @ 9866-8015-4436
EC2 Dashboard
EC2 Global View
Events
Console-to-Code Preview
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations
Images
AMIs
AMI Catalog
Elastic Block Store
Volumes
Snapshots
Stop instance?
Instance IDs
i-0215cad1b36d0d516 (LabHost)
After you stop the instance, you are no longer charged usage or data transfer fees for it. However, you will still be billed for associated resources, such as attached EBS volumes and associated Elastic IP addresses.
To confirm that you want to stop the instance, choose the Stop button below.
Cancel
Stop
CloudShell
Feedback
Privacy
Terms
Cookie preferences
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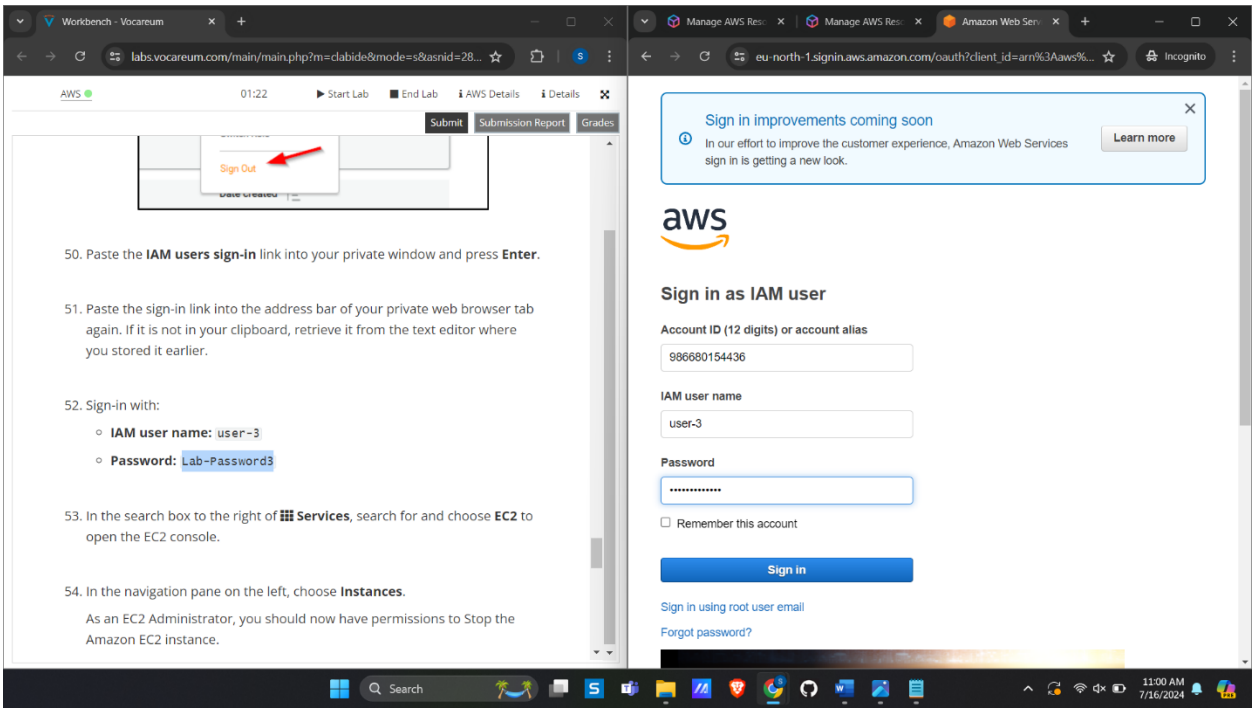
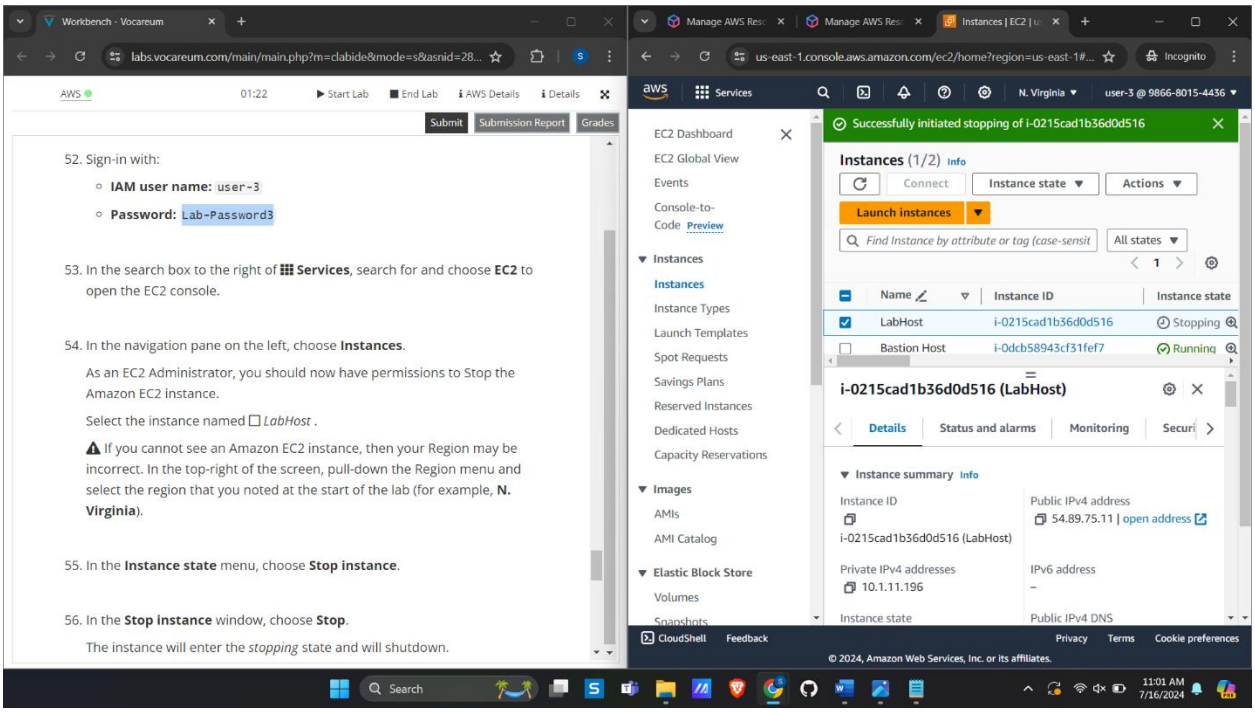
Search
11:01 AM
7/16/2024


Workbench - Vocareum
labs.vocareum.com/main/main.php?m=clabide&mode=s&asnid=28...
AWS
01:22
Start Lab
End Lab
AWS Details
Details
Submit
Submission Report
Grades
Sign Out
50. Paste the IAM users sign-in link into your private window and press Enter.
51. Paste the sign-in link into the address bar of your private web browser tab again. If it is not in your clipboard, retrieve it from the text editor where you stored it earlier.
52. Sign-in with:
IAM user name: user-3
Password: Lab-Password3
53. In the search box to the right of Services, search for and choose EC2 to open the EC2 console.
54. In the navigation pane on the left, choose Instances.
As an EC2 Administrator, you should now have permissions to Stop the Amazon EC2 instance.
Manage AWS Resc
Amazon Web Serv
eu-north-1.signin.aws.amazon.com/oauth?client_id=arn%3Aaws%...
Incognito
Sign in improvements coming soon
In our effort to improve the customer experience, Amazon Web Services sign in is getting a new look.
Learn more
aws
Sign in as IAM user
Account ID (12 digits) or account alias
986680154436
IAM user name
user-3
Password
Remember this account
Sign in
Sign in using root user email
Forgot password?
Search
11:00 AM
7/16/2024


Workbench - Vocareum
labs.vocareum.com/main/main.php?m=clabide&mode=s&asnid=28...
AWS
01:22
Start Lab
End Lab
AWS Details
Details
Submit
Submission Report
Grades
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IAM user name: user-3
Password: Lab-Password3
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54. In the navigation pane on the left, choose Instances.
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Select the instance named LabHost .
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55. In the Instance state menu, choose Stop instance.
56. In the Stop instance window, choose Stop.
The instance will enter the stopping state and will shutdown.
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#...
Incognito
Services
N. Virginia
user-3 @ 9866-8015-4436
EC2 Dashboard
EC2 Global View
Events
Console-to-Code Preview
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations
Images
AMIs
AMI Catalog
Elastic Block Store
Volumes
Snapshots
Successfully initiated stopping of i-0215cad1b36d0d516
Instances (1/2) Info
Connect
Instance state
Actions
Launch instances
Find Instance by attribute or tag (case-sensit
All states
Name
Instance ID
Instance state
LabHost
i-0215cad1b36d0d516
Stopping
Bastion Host
i-0dcb58943cf31fef7
Running
i-0215cad1b36d0d516 (LabHost)
Details
Status and alarms
Monitoring
Instance summary Info
Instance ID
i-0215cad1b36d0d516 (LabHost)
Public IPv4 address
54.89.75.11 | open address
Private IPv4 addresses
10.1.11.196
IPv6 address
Instance state
Public IPv4 DNS
CloudShell
Feedback
Privacy
Terms
Cookie preferences
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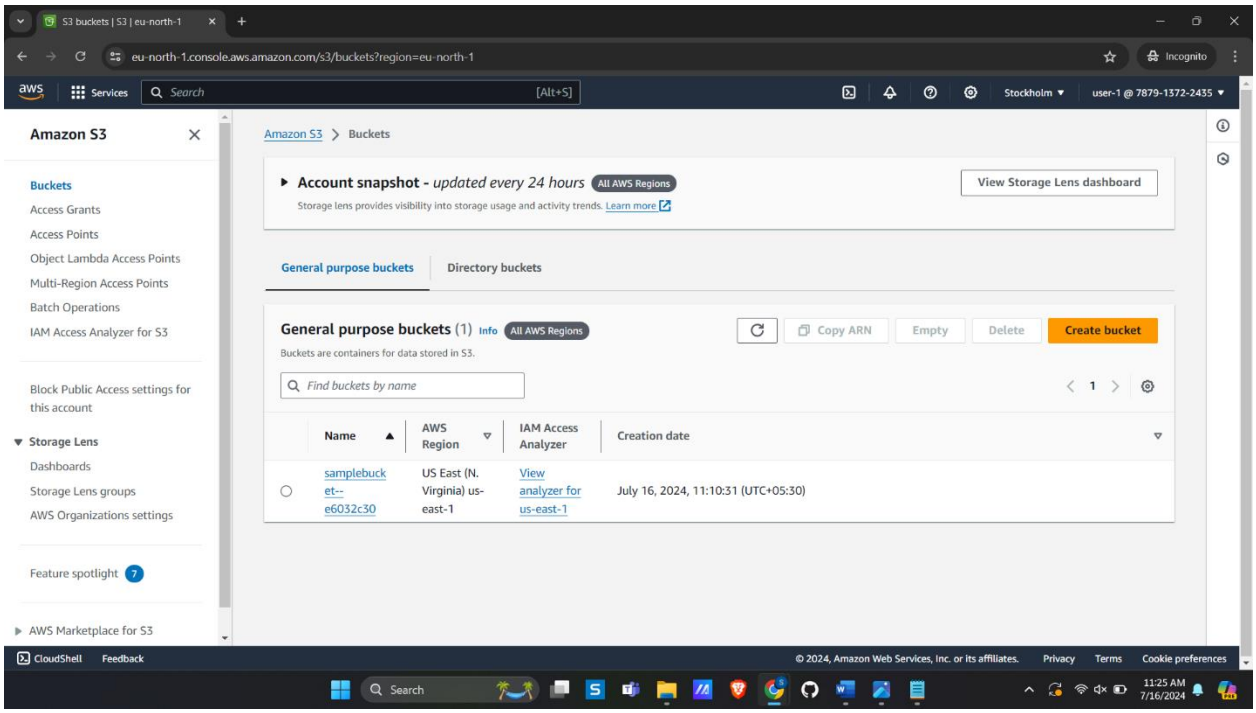
Search
11:01 AM
7/16/2024


S3 buckets | S3 | eu-north-1
eu-north-1.console.aws.amazon.com/s3/buckets?region=eu-north-1
Incognito
Services
Search
[Alt+S]
Stockholm
user-1 @ 7879-1372-2435
Amazon S3
Buckets
Access Grants
Access Points
Object Lambda Access Points
Multi-Region Access Points
Batch Operations
IAM Access Analyzer for S3
Block Public Access settings for this account
Storage Lens
Dashboards
Storage Lens groups
AWS Organizations settings
Feature spotlight
AWS Marketplace for S3
Amazon S3 > Buckets
Account snapshot - updated every 24 hours
All AWS Regions
Storage lens provides visibility into storage usage and activity trends. Learn more
View Storage Lens dashboard
General purpose buckets
Directory buckets
General purpose buckets (1) Info
All AWS Regions
Buckets are containers for data stored in S3.
Copy ARN
Empty
Delete
Create bucket
Find buckets by name
Name
AWS Region
IAM Access Analyzer
Creation date
samplebucket--e6032c30
US East (N. Virginia) us-east-1
View analyzer for us-east-1
July 16, 2024, 11:10:31 (UTC+05:30)
CloudShell
Feedback
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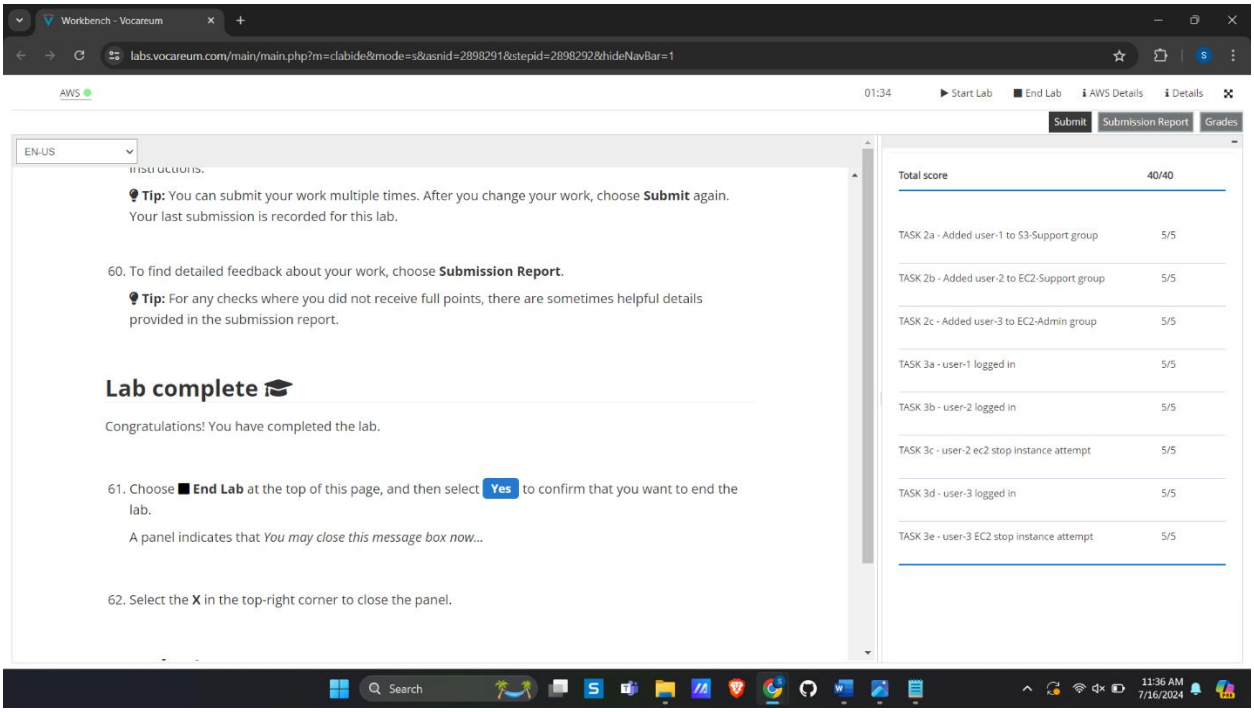
Terms
Cookie preferences
Search
11:25 AM
7/16/2024


Workbench - Vocareum
labs.vocareum.com/main/main.php?m=clabide&mode=s&asnid=2898291&stepid=2898292&hideNavBar=1
AWS
01:34
Start Lab
End Lab
AWS Details
Details
Submit
Submission Report
Grades
EN-US
Tip: You can submit your work multiple times. After you change your work, choose Submit again. Your last submission is recorded for this lab.
60. To find detailed feedback about your work, choose Submission Report.
Tip: For any checks where you did not receive full points, there are sometimes helpful details provided in the submission report.
Lab complete
Congratulations! You have completed the lab.
61. Choose End Lab at the top of this page, and then select Yes to confirm that you want to end the lab.
A panel indicates that You may close this message box now...
62. Select the X in the top-right corner to close the panel.
Total score 40/40
TASK 2a - Added user-1 to S3-Support group 5/5
TASK 2b - Added user-2 to EC2-Support group 5/5
TASK 2c - Added user-3 to EC2-Admin group 5/5
TASK 3a - user-1 logged in 5/5
TASK 3b - user-2 logged in 5/5
TASK 3c - user-2 ec2 stop instance attempt 5/5
TASK 3d - user-3 logged in 5/5
TASK 3e - user-3 EC2 stop instance attempt 5/5
Search
11:36 AM
7/16/2024