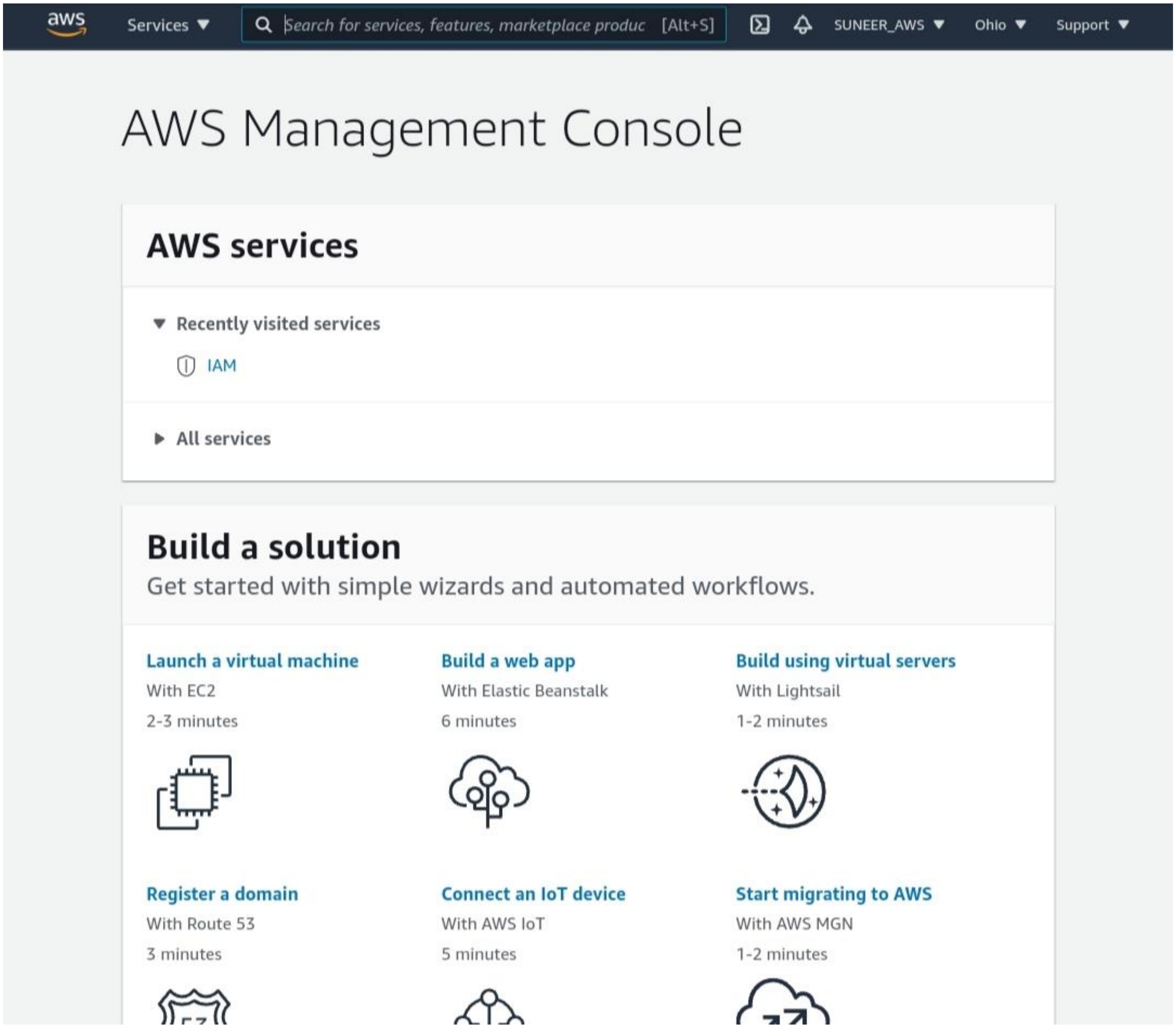
# AWS Essentials Assignment -1

Creating IAM user and applying S3FullAccess policy to the user. After that login with the created IAM user and checking with S3, IAM and EC2 consoles in AWS.

- **Logged as root user in AWS**



AWS Management Console

AWS services

▼ Recently visited services

IAM

▶ All services

Build a solution

Get started with simple wizards and automated workflows.

Launch a virtual machine
With EC2
2-3 minutes

Build a web app
With Elastic Beanstalk
6 minutes

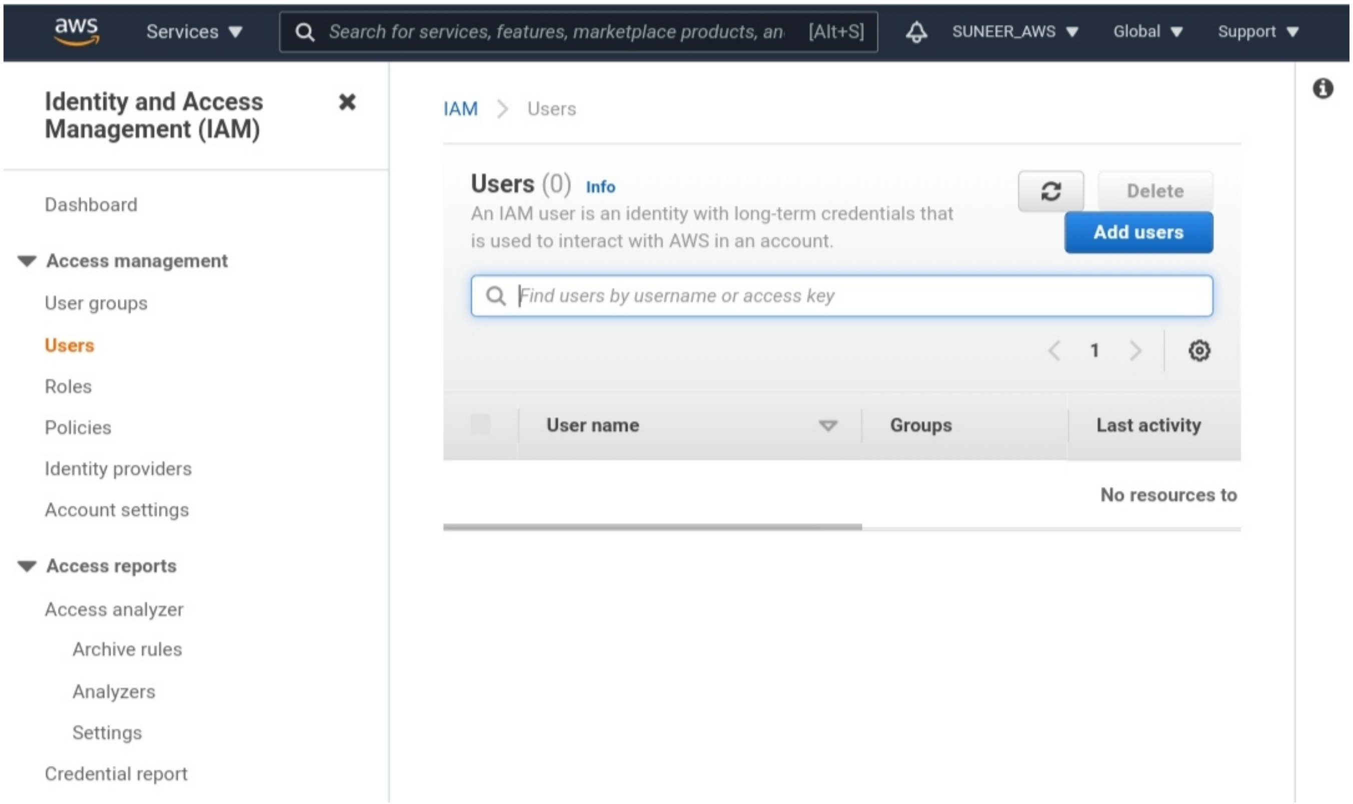
Build using virtual servers
With Lightsail
1-2 minutes

Register a domain
With Route 53
3 minutes

Connect an IoT device
With AWS IoT
5 minutes

Start migrating to AWS
With AWS MGN
1-2 minutes

- **IAM console before user creation**


aws
Services ▼
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SUNEER_AWS ▼
Global ▼
Support ▼

Identity and Access Management (IAM)

Dashboard

Access management
- User groups
- Users
- Roles
- Policies
- Identity providers
- Account settings

Access reports
- Access analyzer
  - Archive rules
  - Analyzers
  - Settings
- Credential report

IAM > Users

Users (0) Info

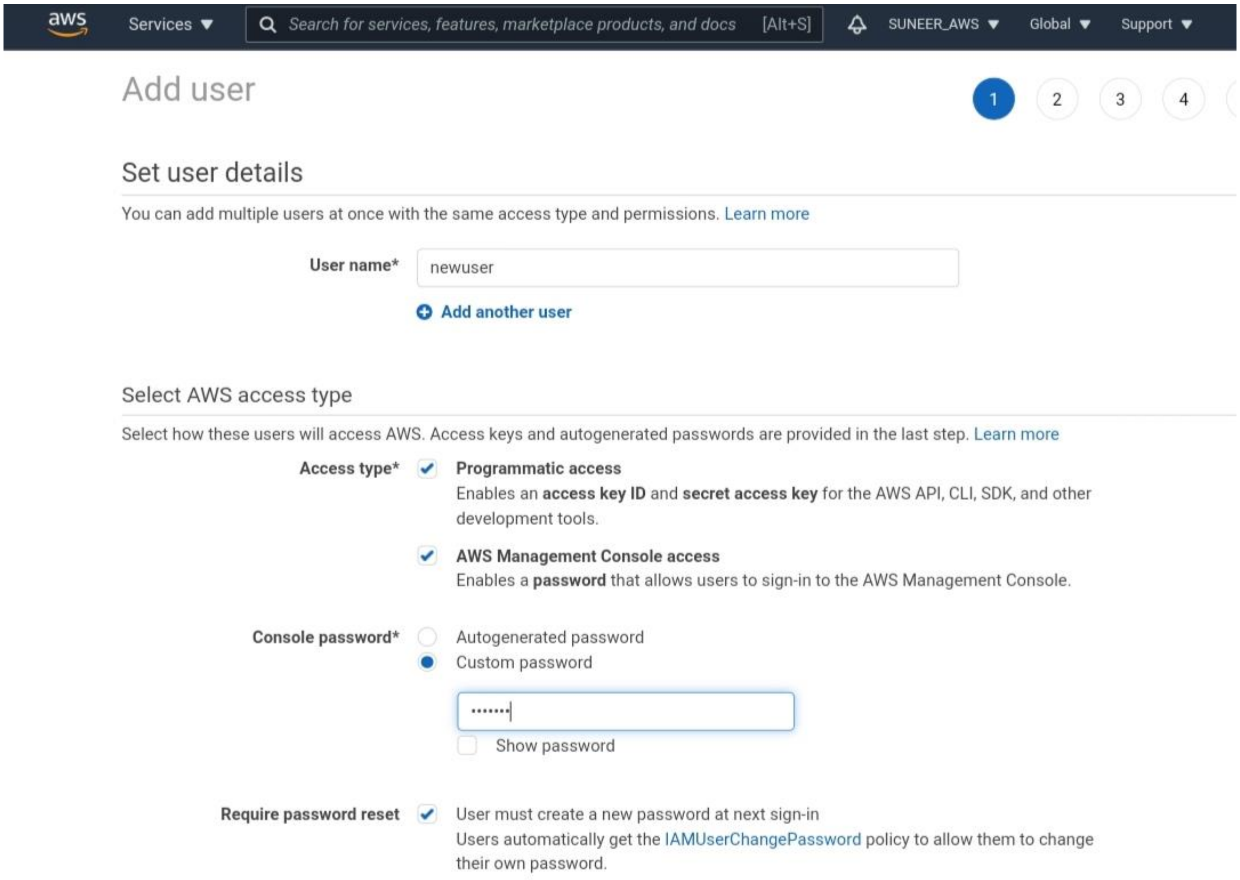
An IAM user is an identity with long-term credentials that is used to interact with AWS in an account.

Delete
Add users
Find users by username or access key
1

| | User name | Groups | Last activity |
|---|---|---|---|

No resources to

- **Adding user in IAM**


aws
Services ▼
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SUNEER_AWS ▼
Global ▼
Support ▼
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Add user

Set user details

You can add multiple users at once with the same access type and permissions. Learn more

User name* newuser

Add another user

Select AWS access type

Select how these users will access AWS. Access keys and autogenerated passwords are provided in the last step. Learn more

Access type* ☑ **Programmatic access**
Enables an **access key ID** and **secret access key** for the AWS API, CLI, SDK, and other development tools.

☑ **AWS Management Console access**
Enables a **password** that allows users to sign-in to the AWS Management Console.

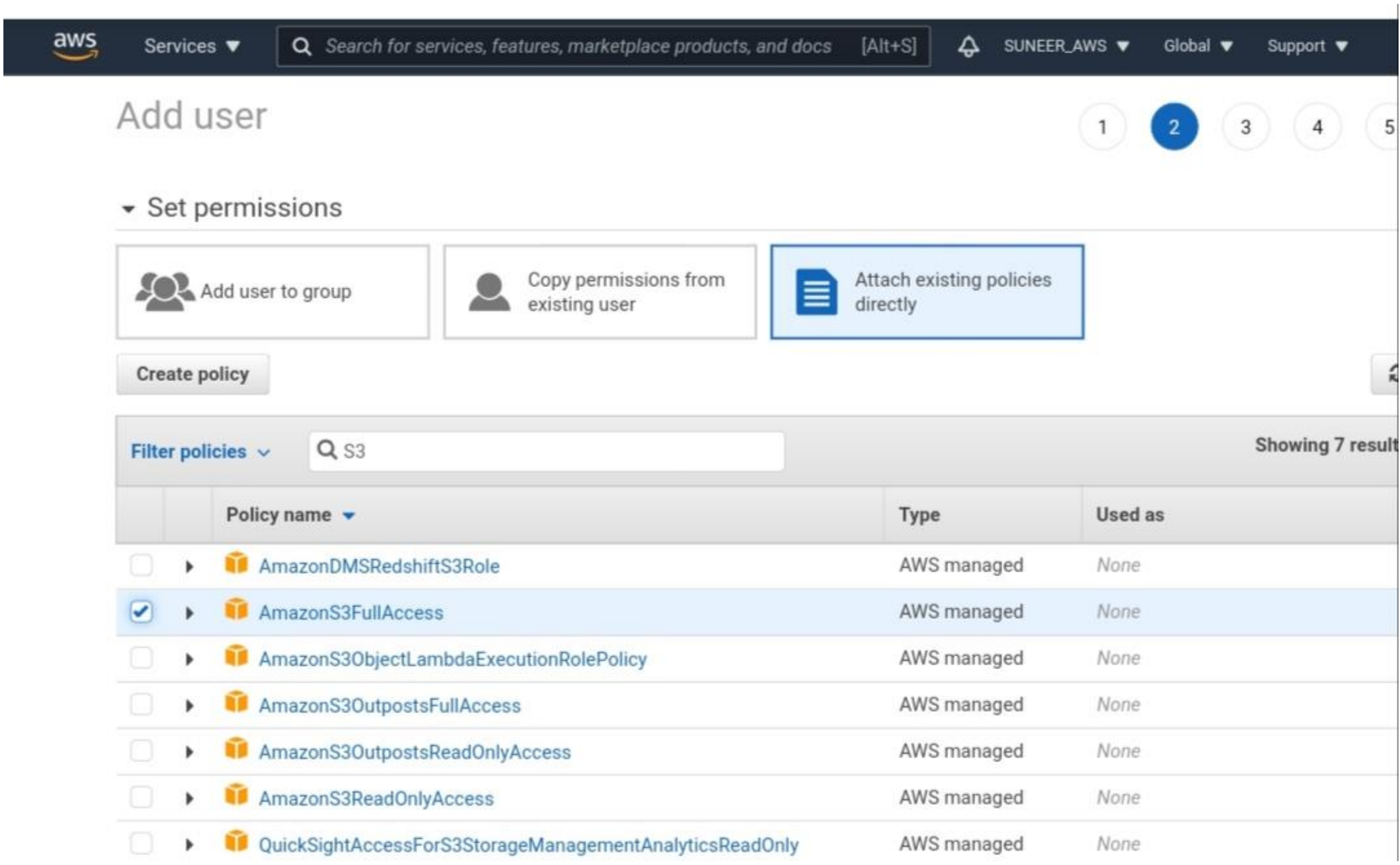
Console password* ○ Autogenerated password
● Custom password

•••••••

□ Show password

Require password reset ☑ User must create a new password at next sign-in
Users automatically get the IAMUserChangePassword policy to allow them to change their own password.

- **Adding S3 Full Access policy to the user**


aws
Services ▼
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SUNEER_AWS ▼
Global ▼
Support ▼
1
2
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4
5
Add user to group
Copy permissions from existing user
Attach existing policies directly
Create policy
Filter policies

Add user

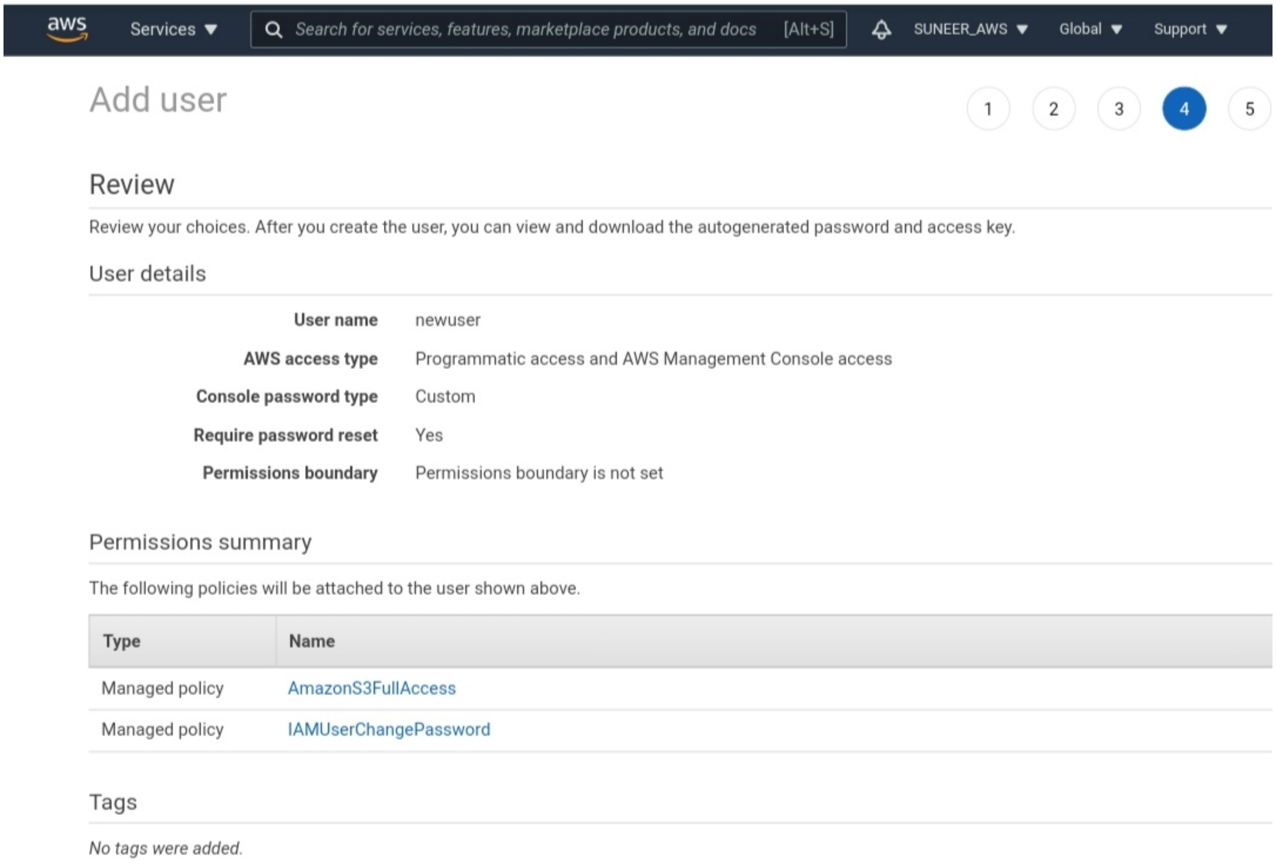
Set permissions

S3

Showing 7 result

| | Policy name | Type | Used as |
|---|---|---|---|
| □ | AmazonDMSRedshiftS3Role | AWS managed | None |
| ☑ | AmazonS3FullAccess | AWS managed | None |
| □ | AmazonS3ObjectLambdaExecutionRolePolicy | AWS managed | None |
| □ | AmazonS3OutpostsFullAccess | AWS managed | None |
| □ | AmazonS3OutpostsReadOnlyAccess | AWS managed | None |
| □ | AmazonS3ReadOnlyAccess | AWS managed | None |
| □ | QuickSightAccessForS3StorageManagementAnalyticsReadOnly | AWS managed | None |

- **Reviewing the user creation**


aws
Services ▼
Search for services, features, marketplace products, and docs [Alt+S]
SUNEER_AWS ▼
Global ▼
Support ▼
1
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4
5

Add user

Review

Review your choices. After you create the user, you can view and download the autogenerated password and access key.

User details

| | |
|---|---|
| User name | newuser |
| AWS access type | Programmatic access and AWS Management Console access |
| Console password type | Custom |
| Require password reset | Yes |
| Permissions boundary | Permissions boundary is not set |

Permissions summary

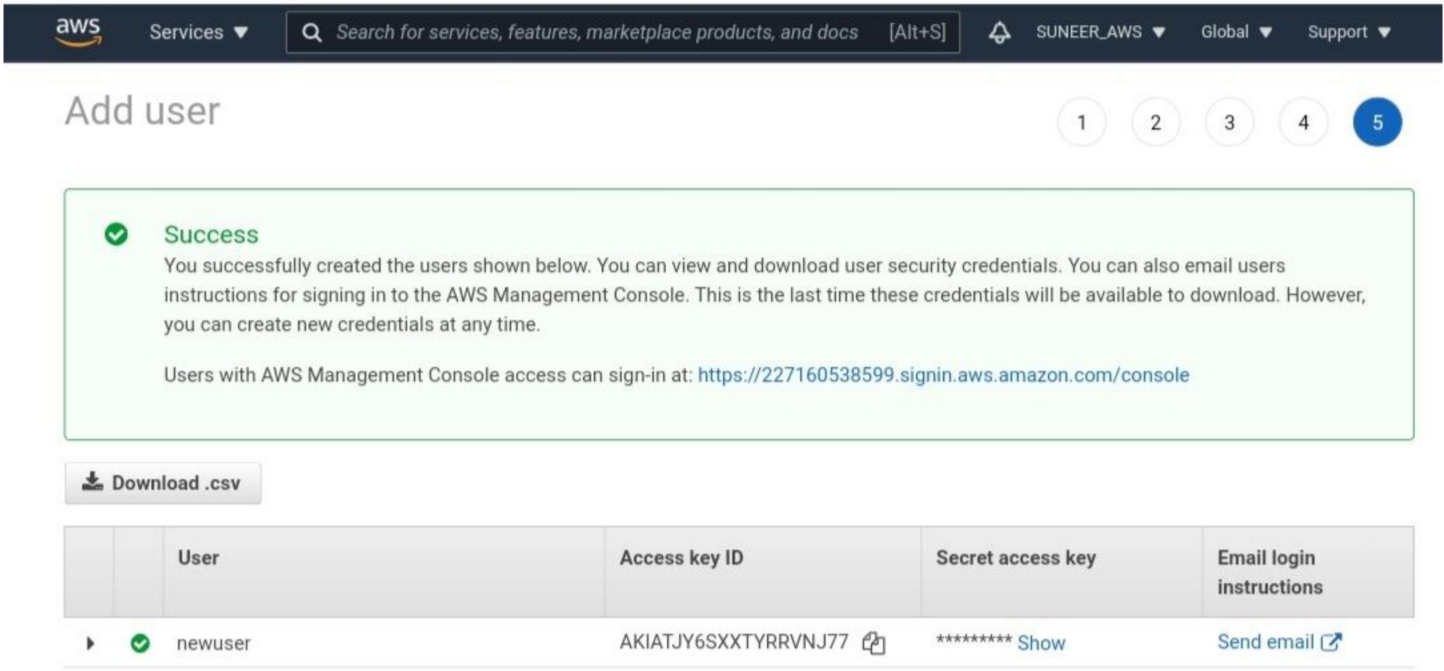
The following policies will be attached to the user shown above.

| Type | Name |
|---|---|
| Managed policy | AmazonS3FullAccess |
| Managed policy | IAMUserChangePassword |

Tags

*No tags were added.*

- **User successfully created**


aws
Services ▼
Search for services, features, marketplace products, and docs [Alt+S]
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Global ▼
Support ▼
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Download .csv

Add user

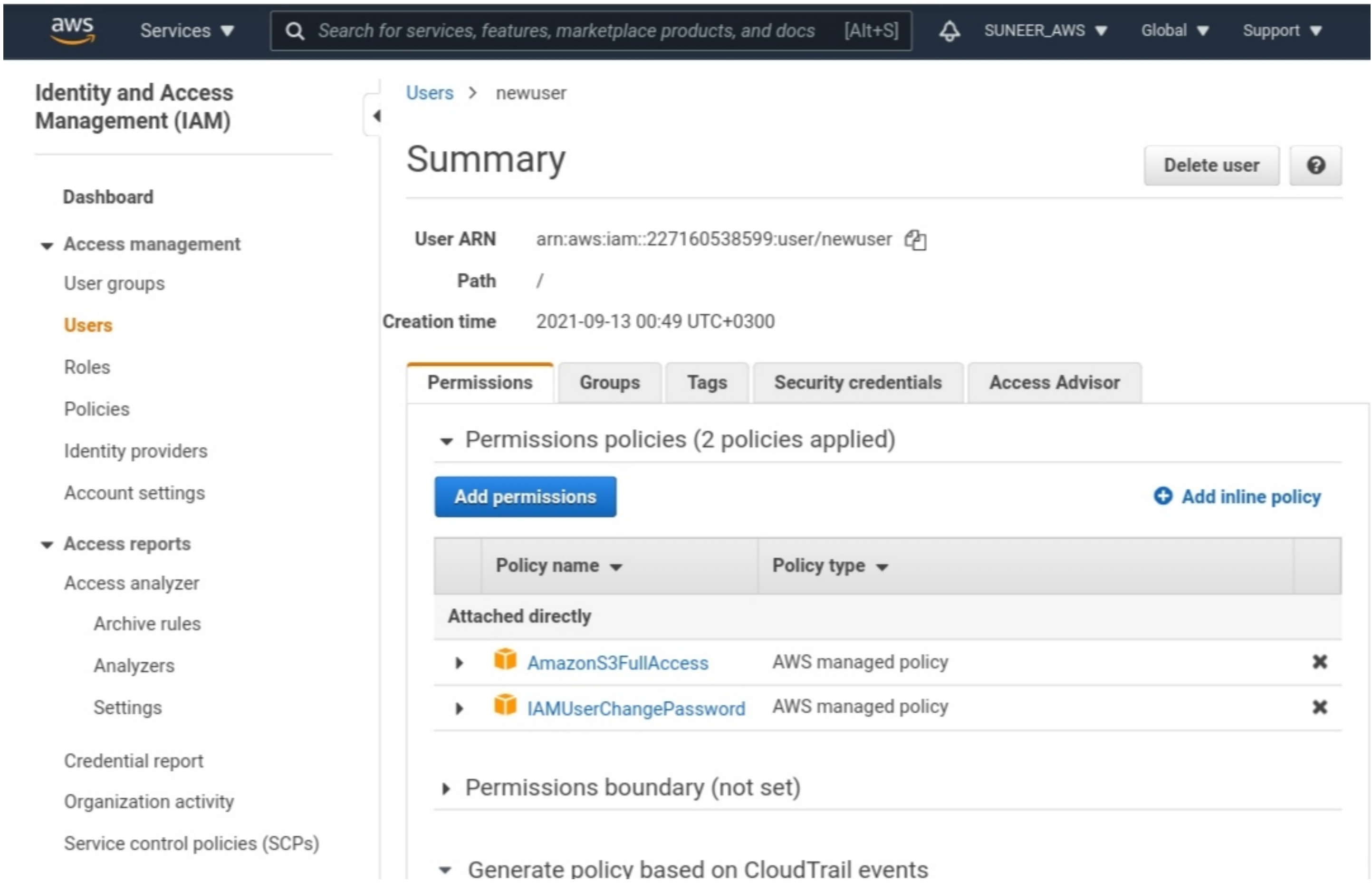
Success

You successfully created the users shown below. You can view and download user security credentials. You can also email users instructions for signing in to the AWS Management Console. This is the last time these credentials will be available to download. However, you can create new credentials at any time.

Users with AWS Management Console access can sign-in at: https://227160538599.signin.aws.amazon.com/console

| | | User | Access key ID | Secret access key | Email login instructions |
|---|---|---|---|---|---|
| ▸ | ✓ | newuser | AKIATJY6SXXTYRRVNJ77 | ********* Show | Send email |

- **IAM user console after the newuser is created**



Summary

User ARN arn:aws:iam::227160538599:user/newuser

Path /

Creation time 2021-09-13 00:49 UTC+0300

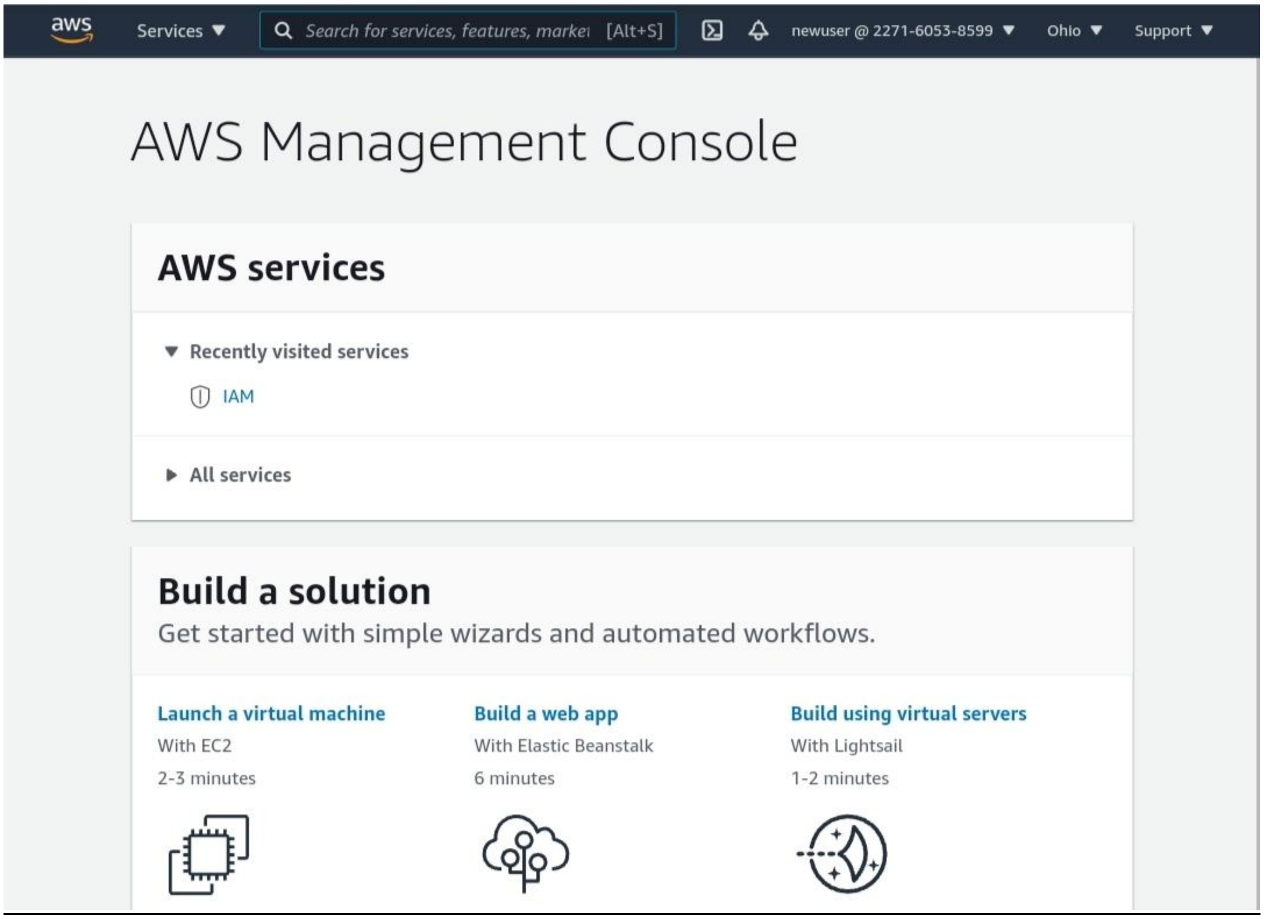
Permissions policies (2 policies applied)

| Policy name | Policy type | |
|---|---|---|
| Attached directly | | |
| AmazonS3FullAccess | AWS managed policy | ✖ |
| IAMUserChangePassword | AWS managed policy | ✖ |

Permissions boundary (not set)

Generate policy based on CloudTrail events

- **Logged as IAM user in AWS**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newuser @ 2271-6053-8599 ▼
Ohio ▼
Support ▼

AWS Management Console

**AWS services**

▼ Recently visited services

IAM

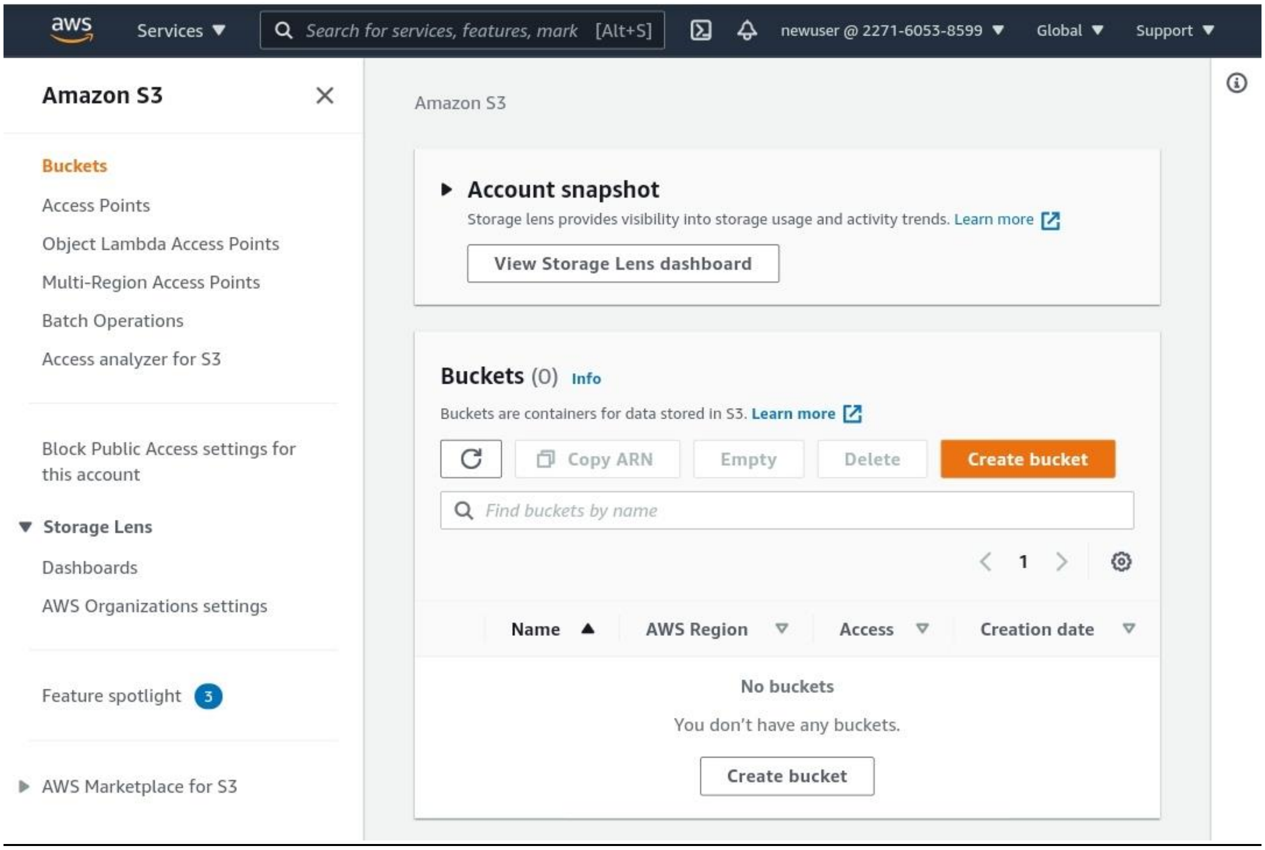
▶ All services

**Build a solution**

Get started with simple wizards and automated workflows.

| Launch a virtual machine | Build a web app | Build using virtual servers |
|---|---|---|
| With EC2 | With Elastic Beanstalk | With Lightsail |
| 2-3 minutes | 6 minutes | 1-2 minutes |

- **Checking S3 console in the newuser**


aws
Services ▼
Search for services, features, mark [Alt+S]
newuser @ 2271-6053-8599 ▼
Global ▼
Support ▼
Amazon S3
Buckets
Access Points
Object Lambda Access Points
Multi-Region Access Points
Batch Operations
Access analyzer for S3
Block Public Access settings for this account
▼ Storage Lens
Dashboards
AWS Organizations settings
Feature spotlight 3
▶ AWS Marketplace for S3
Amazon S3

▶ Account snapshot

Storage lens provides visibility into storage usage and activity trends. Learn more

View Storage Lens dashboard

Buckets (0) Info

Buckets are containers for data stored in S3. Learn more

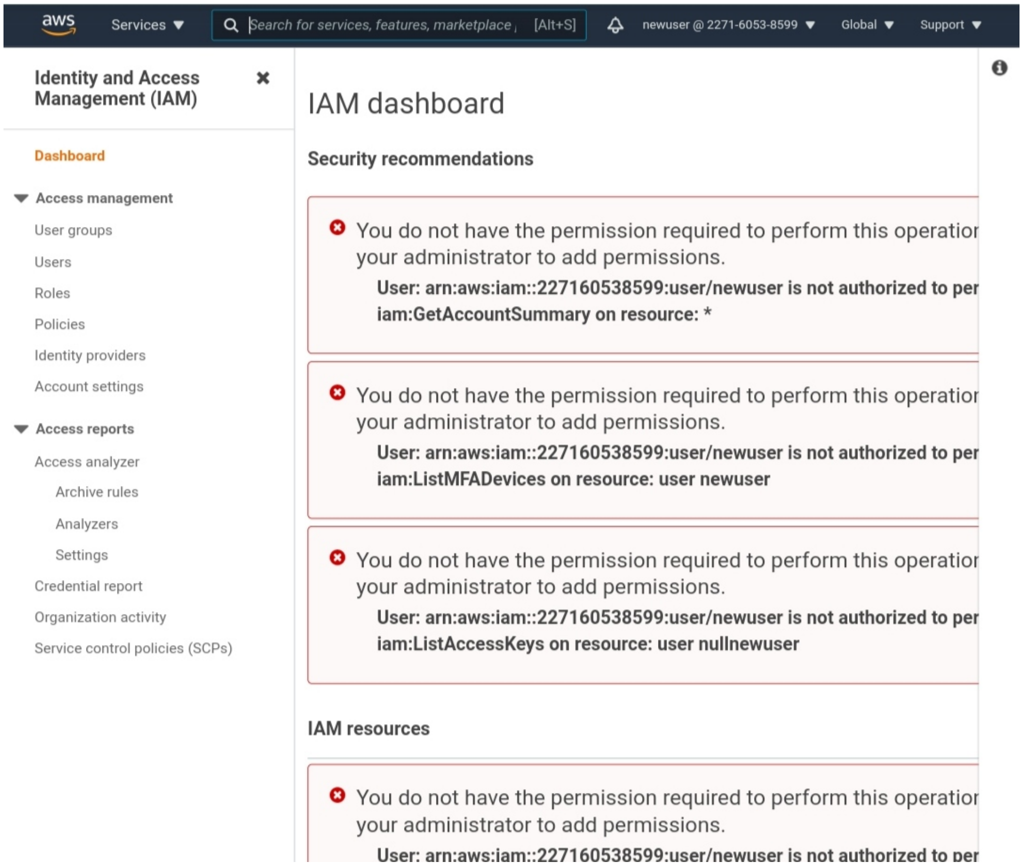
| Name ▲ | AWS Region ▽ | Access ▽ | Creation date ▽ |
|---|---|---|---|

No buckets

You don't have any buckets.

Create bucket

- **Checking IAM console in the newuser**



IAM dashboard

Security recommendations

You do not have the permission required to perform this operatior your administrator to add permissions.
User: arn:aws:iam::227160538599:user/newuser is not authorized to per iam:GetAccountSummary on resource: *

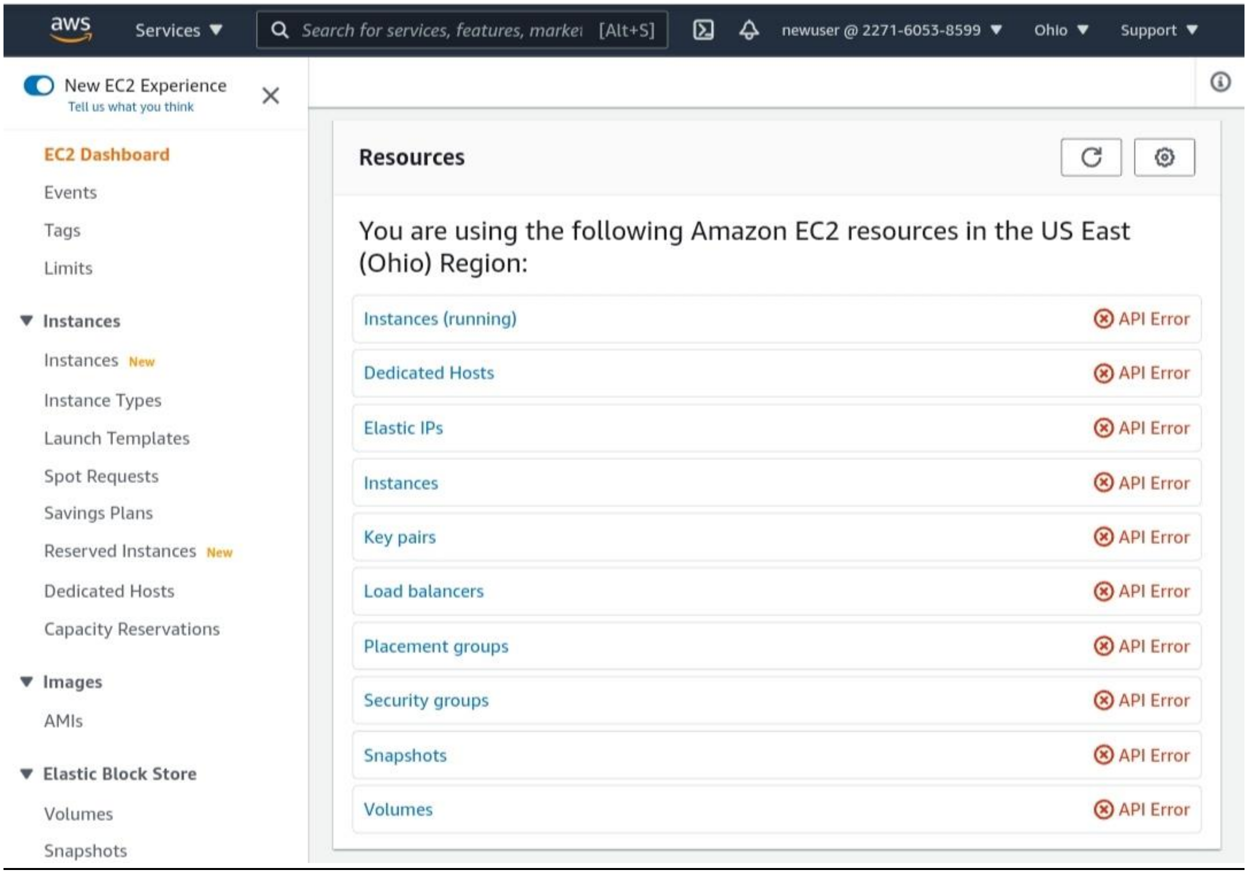
You do not have the permission required to perform this operatior your administrator to add permissions.
User: arn:aws:iam::227160538599:user/newuser is not authorized to per iam:ListMFADevices on resource: user newuser

You do not have the permission required to perform this operatior your administrator to add permissions.
User: arn:aws:iam::227160538599:user/newuser is not authorized to per iam:ListAccessKeys on resource: user nullnewuser

IAM resources

You do not have the permission required to perform this operatior your administrator to add permissions.
User: arn:aws:iam::227160538599:user/newuser is not authorized to per

- **Checking EC2 console in the newuser**



Resources

You are using the following Amazon EC2 resources in the US East (Ohio) Region:

| | |
|---|---|
| Instances (running) | API Error |
| Dedicated Hosts | API Error |
| Elastic IPs | API Error |
| Instances | API Error |
| Key pairs | API Error |
| Load balancers | API Error |
| Placement groups | API Error |
| Security groups | API Error |
| Snapshots | API Error |
| Volumes | API Error |