

1:Compute Provisioning: Deployed a running EC2 instance configured with a 1GB Root/EBS volume.

The screenshot shows the AWS EC2 Instances page. A single instance, 'my_project' (Instance ID: i-06f87363b8fac9416), is listed as 'Running'. The instance type is t3.micro, located in ap-south-1a, with a Public IPv4 address of 35.154.83.206 and a Private IP address of 172.31.42.227. The instance has 5/5 checks passed and is connected. The 'Details' tab is selected, showing the instance summary. Other tabs include Status and alarms, Monitoring, Security, Networking, Storage, and Tags.

2: Storage Layer: Provisioned an S3 bucket to serve as a centralized backup repository.

The screenshot shows the AWS S3 Buckets page. A single bucket, 'my-project-backup-8862', is listed under 'General purpose buckets'. The bucket was created on February 28, 2026, at 00:11:43 (UTC+05:30) in Asia Pacific (Mumbai) (ap-south-1). The 'General purpose buckets' tab is selected, and the 'Create bucket' button is visible.

3:Identity & Access Management (IAM): Created a dedicated IAM user with scoped permissions to manage and access the S3 bucket.

User created successfully

You can view and download the user's password and email instructions for signing in to the AWS Management Console.

[View user](#)

s3_user Info

Summary

| | | |
|---|----------------------------|---|
| ARN arn:aws:iam::049251681564:user/s3_user | Console access Disabled | Access key 1 Create access key |
| Created February 28, 2026, 00:09 (UTC+05:50) | Last console sign-in - | |

[Delete](#)

Permissions [Groups](#) [Tags](#) [Security credentials](#) [Last Accessed](#)

Permissions policies (1)

Permissions are defined by policies attached to the user directly or through groups.

Filter by Type: All types

| Policy name | Type | Attached via |
|------------------------------------|-------------|--------------|
| AmazonS3FullAccess | AWS managed | Directly |

[Add permissions](#)

Permissions boundary (not set)

4: Volume Expansion: Created an additional 1GB EBS volume for data redundancy or secondary storage

Volumes (1/2) Info

Last updated 1 minute ago

[Recycle Bin](#) [Actions](#) [Create volume](#)

| Name | Volume ID | Type | Size | IOPS | Throughput | Snapshot ID | Source volume ID | Created | Availability Zone | Volume state | Alarm status |
|---|-----------------------|------|-------|------|------------|-----------------|------------------|---------------------------|------------------------|--------------|--------------|
| <input checked="" type="checkbox"/> vol-051cd65922e070040 | vol-051cd65922e070040 | gp3 | 1 GiB | 3000 | 125 | - | - | 2026/02/27 23:59 GMT+5... | aps1-az1 (ap-south-1a) | In-use | No alarms |
| <input type="checkbox"/> | vol-0cf37757add17d2cb | gp3 | 8 GiB | 3000 | 125 | snap-06bc912... | - | 2026/02/27 23:56 GMT+5... | aps1-az1 (ap-south-1a) | In-use | No alarms |

Volume ID: vol-051cd65922e070040

Details [Status checks](#) [Monitoring](#) [Tags](#)

| | | | |
|--|---|--|---|
| Volume ID vol-051cd65922e070040 | Size 1 GiB | Type gp3 | Status check Okay |
| AWS Compute Optimizer finding <small>(?) Opt-in to AWS Compute Optimizer for recommendations. Learn more</small> | Volume state In-use | IOPS 3000 | Throughput 125 |
| Fast snapshot restored No | Availability Zone aps1-az1 (ap-south-1a) | Created Fri Feb 27 2026 23:59:36 GMT+0530 (India Standard Time) | Multi-Attach enabled No |
| Attached resources I-06f07363b8fac9416 (my_project) (EBS card index: 0) /dev/sdb (attached) | Outposts ARN - | Managed false | Operator - |