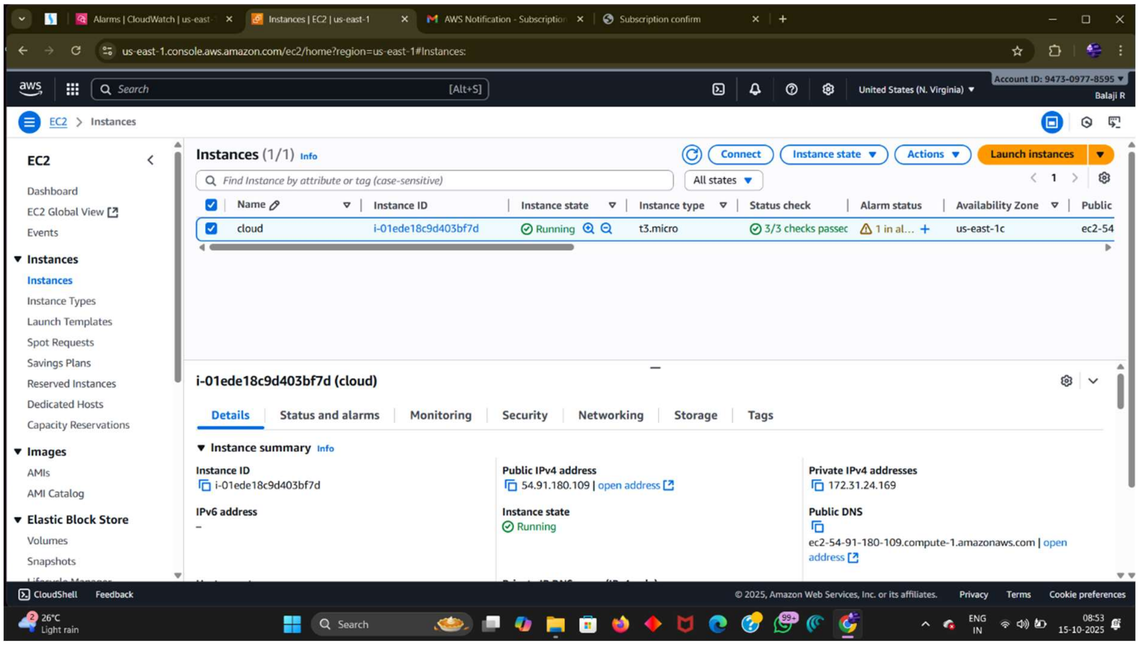
Cloud watch

First create one linux instance and search cloud watch



Instances (1/1) Info

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public
☑ cloud	i-01ede18c9d403bf7d	Running	t3.micro	3/3 checks passec	1 in al...	us-east-1c	ec2-54

i-01ede18c9d403bf7d (cloud)

Instance summary Info

Instance ID: i-01ede18c9d403bf7d

Public IPv4 address: 54.91.180.109 | open address

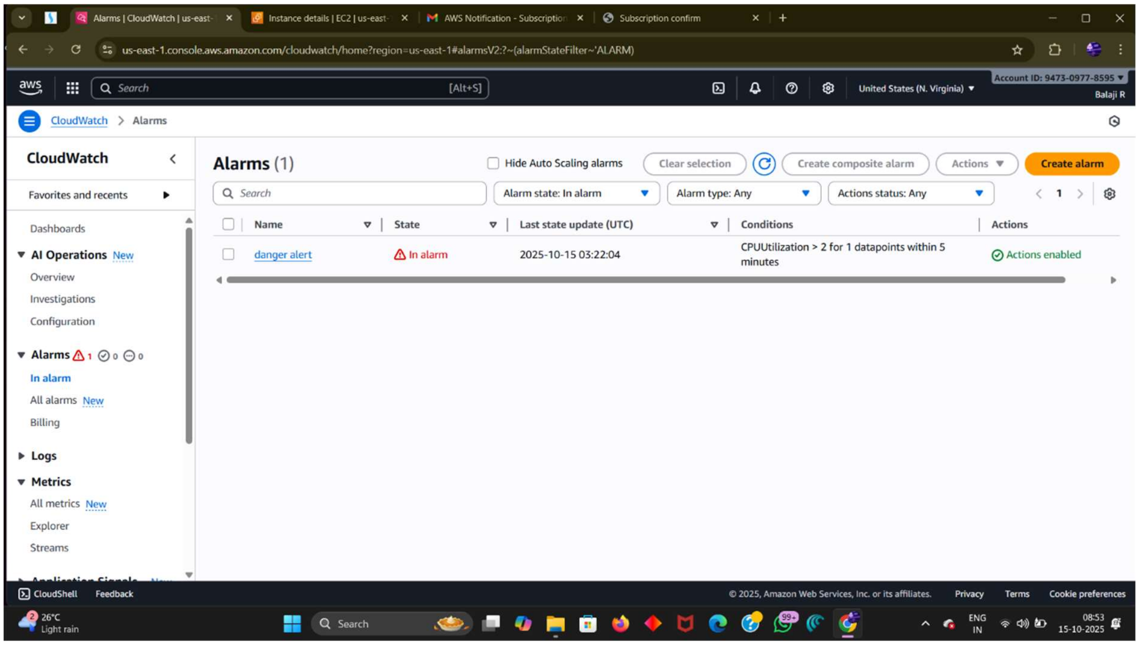
Private IPv4 addresses: 172.31.24.169

IPv6 address: –

Instance state: Running

Public DNS: ec2-54-91-180-109.compute-1.amazonaws.com | open address

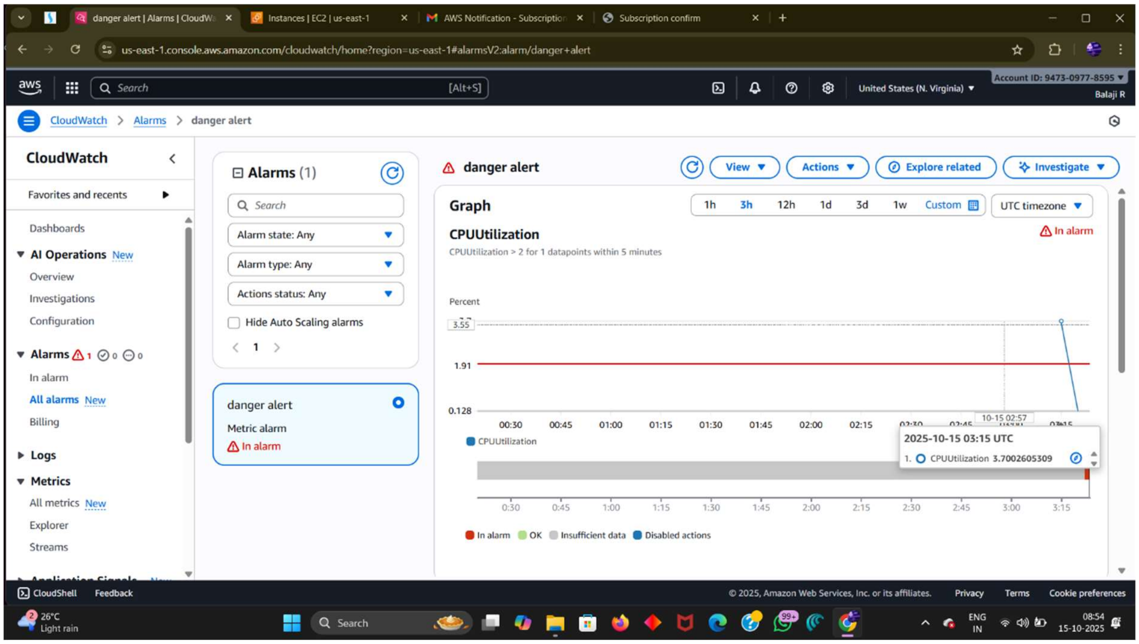
Create alarm you can create a sns topic in the alarm and copy the instance id and paste



Alarms (1)

Name	State	Last state update (UTC)	Conditions	Actions
danger alert	In alarm	2025-10-15 03:22:04	CPUUtilization > 2 for 1 datapoints within 5 minutes	Actions enabled

Now if the cpu utilaztion hits high automatically we get notification



us-east-1.console.aws.amazon.com/cloudwatch/home?region=us-east-1#alarmsV2:alarm/danger+alert

CloudWatch > Alarms > danger alert

Alarms (1)

Alarm state: Any
Alarm type: Any
Actions status: Any
□ Hide Auto Scaling alarms

danger alert
Metric alarm
In alarm

danger alert

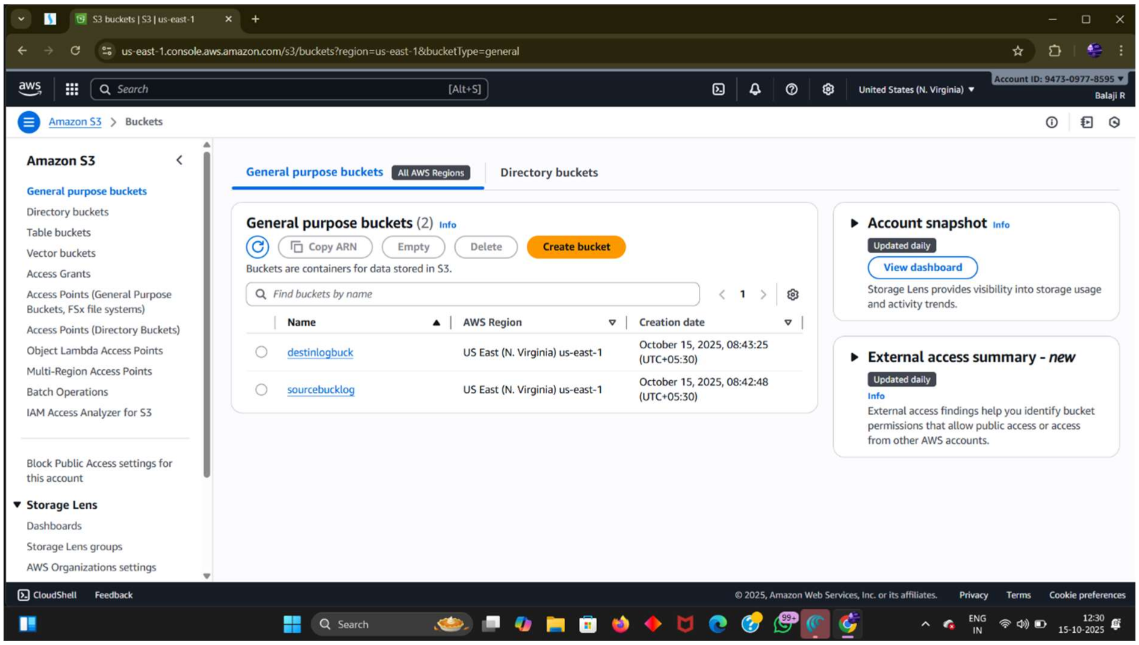
Graph

CPUUtilization
CPUUtilization > 2 for 1 datapoints within 5 minutes
In alarm

2025-10-15 03:15 UTC
1. CPUUtilization 3.7002605309

<u>Server Access Logging</u>

Create two bucket as source and destination in source in source bucket go to properties in the server access login click enable



us-east-1.console.aws.amazon.com/s3/buckets?region=us-east-1&bucketType=general

Amazon S3 > Buckets

General purpose buckets (2) Info

Buckets are containers for data stored in S3.

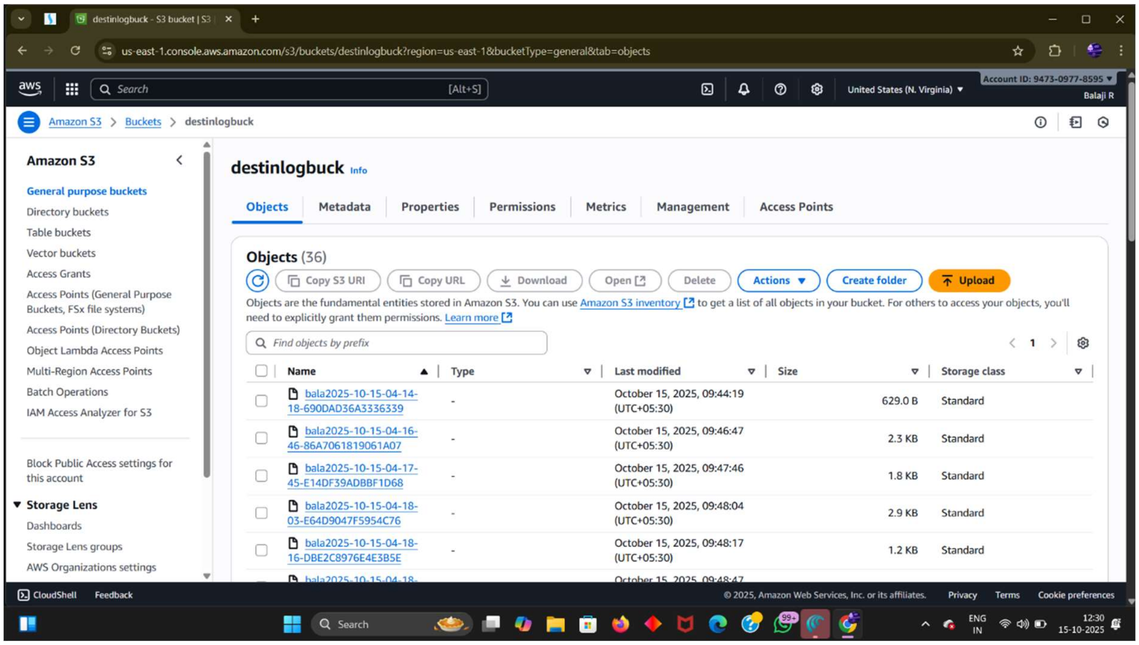
	Name	AWS Region	Creation date
○	destinlogbuck	US East (N. Virginia) us-east-1	October 15, 2025, 08:43:25 (UTC+05:30)
○	sourcebucklog	US East (N. Virginia) us-east-1	October 15, 2025, 08:42:48 (UTC+05:30)

Account snapshot Info
Updated daily
Storage Lens provides visibility into storage usage and activity trends.

External access summary - *new*
Updated daily
Info
External access findings help you identify bucket permissions that allow public access or access from other AWS accounts.

S3 buckets | S3 | us-east-1
Search
[Alt+S]
United States (N. Virginia)
Account ID: 9473-0977-8595
Balaji R
Amazon S3
General purpose buckets
Directory buckets
Table buckets
Vector buckets
Access Grants
Access Points (General Purpose Buckets, FSx file systems)
Access Points (Directory Buckets)
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
General purpose buckets
All AWS Regions
Directory buckets
Copy ARN
Empty
Delete
Create bucket
Find buckets by name
1
View dashboard
CloudShell
Feedback
© 2025, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
Search
ENG
IN
12:30
15-10-2025

You get the output after 45 mins in destination.


destinlogbuck - S3 bucket | S3
us-east-1.console.aws.amazon.com/s3/buckets/destinlogbuck?region=us-east-1&bucketType=general&tab=objects
Search [Alt+S]
United States (N. Virginia) ▼
Account ID: 9473-0977-8595 ▼
Balaji R
Amazon S3 > Buckets > destinlogbuck
Amazon S3
General purpose buckets
Directory buckets
Table buckets
Vector buckets
Access Grants
Access Points (General Purpose Buckets, FSx file systems)
Access Points (Directory Buckets)
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
destinlogbuck Info
Objects
Metadata
Properties
Permissions
Metrics
Management
Access Points
Objects (36)
Copy S3 URI
Copy URL
Download
Open
Delete
Actions ▼
Create folder
Upload
Find objects by prefix
CloudShell
Feedback
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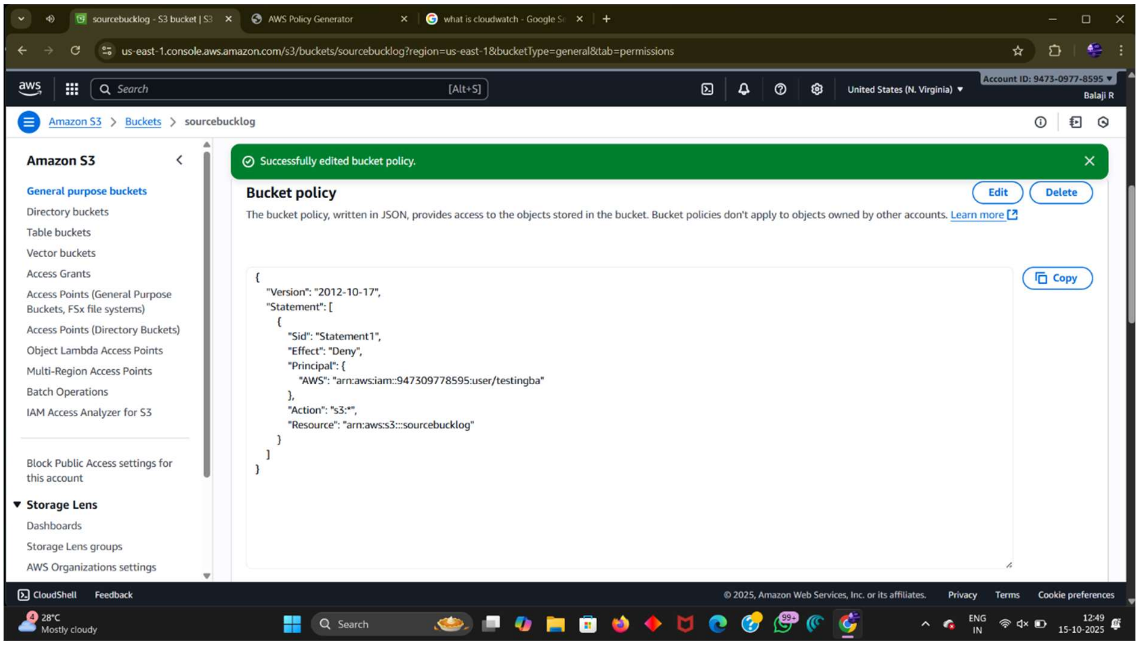
Privacy
Terms
Cookie preferences
12:30
15-10-2025

Objects are the fundamental entities stored in Amazon S3. You can use Amazon S3 inventory to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. Learn more

Name	Type	Last modified	Size	Storage class
bala2025-10-15-04-14-18-690DAD36A3336339	-	October 15, 2025, 09:44:19 (UTC+05:30)	629.0 B	Standard
bala2025-10-15-04-16-46-86A7061819061A07	-	October 15, 2025, 09:46:47 (UTC+05:30)	2.3 KB	Standard
bala2025-10-15-04-17-45-E14DF39ADBBF1D68	-	October 15, 2025, 09:47:46 (UTC+05:30)	1.8 KB	Standard
bala2025-10-15-04-18-03-E64D9047F5954C76	-	October 15, 2025, 09:48:04 (UTC+05:30)	2.9 KB	Standard
bala2025-10-15-04-18-16-DBE2C8976E4E3B5E	-	October 15, 2025, 09:48:17 (UTC+05:30)	1.2 KB	Standard

<u>Create the user and block the access for the one bucket</u>

Create one-iam user copy the arn and in chrome search aws policy genarator choose s3 in principle paste the iam arn and click deny copy the s3 bucket arn and paste.. and copy te policy and paste it in bucket policy


sourcebucklog - S3 bucket | S3
AWS Policy Generator
what is cloudwatch - Google S
us-east-1.console.aws.amazon.com/s3/buckets/sourcebucklog?region=us-east-1&bucketType=general&tab=permissions
Search [Alt+S]
United States (N. Virginia) ▼
Account ID: 9473-0977-8595 ▼
Balaji R
Amazon S3 > Buckets > sourcebucklog
Amazon S3
General purpose buckets
Directory buckets
Table buckets
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Storage Lens groups
AWS Organizations settings
Edit
Delete
Copy
CloudShell
Feedback
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Cookie preferences
28°C
Mostly cloudy
12:49
15-10-2025

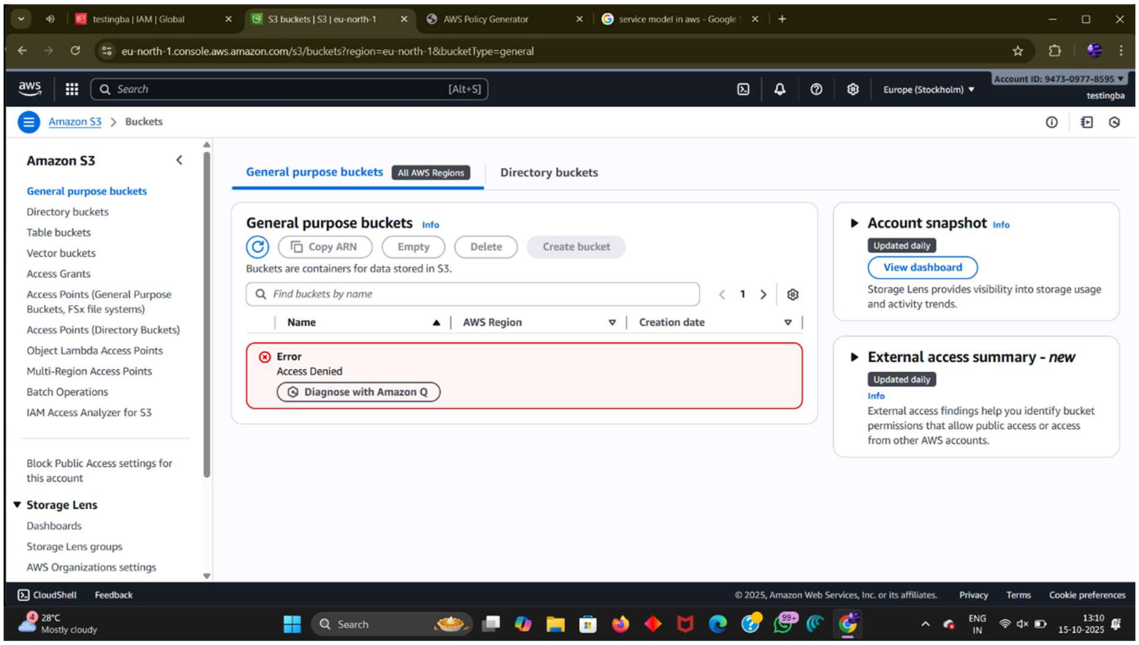
Successfully edited bucket policy.

Bucket policy

The bucket policy, written in JSON, provides access to the objects stored in the bucket. Bucket policies don't apply to objects owned by other accounts. Learn more

```
{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Sid": "Statement1",
      "Effect": "Deny",
      "Principal": {
        "AWS": "arn:aws:iam::947309778595:user/testingba"
      },
      "Action": "s3:*",
      "Resource": "arn:aws:s3:::sourcebucklog"
    }
  ]
}
```

Login the user and search s3 you see the output



eu-north-1.console.aws.amazon.com/s3/buckets?region=eu-north-1&bucketType=general

General purpose buckets Info

Buckets are containers for data stored in S3.

Error
Access Denied

Storage Lens provides visibility into storage usage and activity trends.

External access findings help you identify bucket permissions that allow public access or access from other AWS accounts.