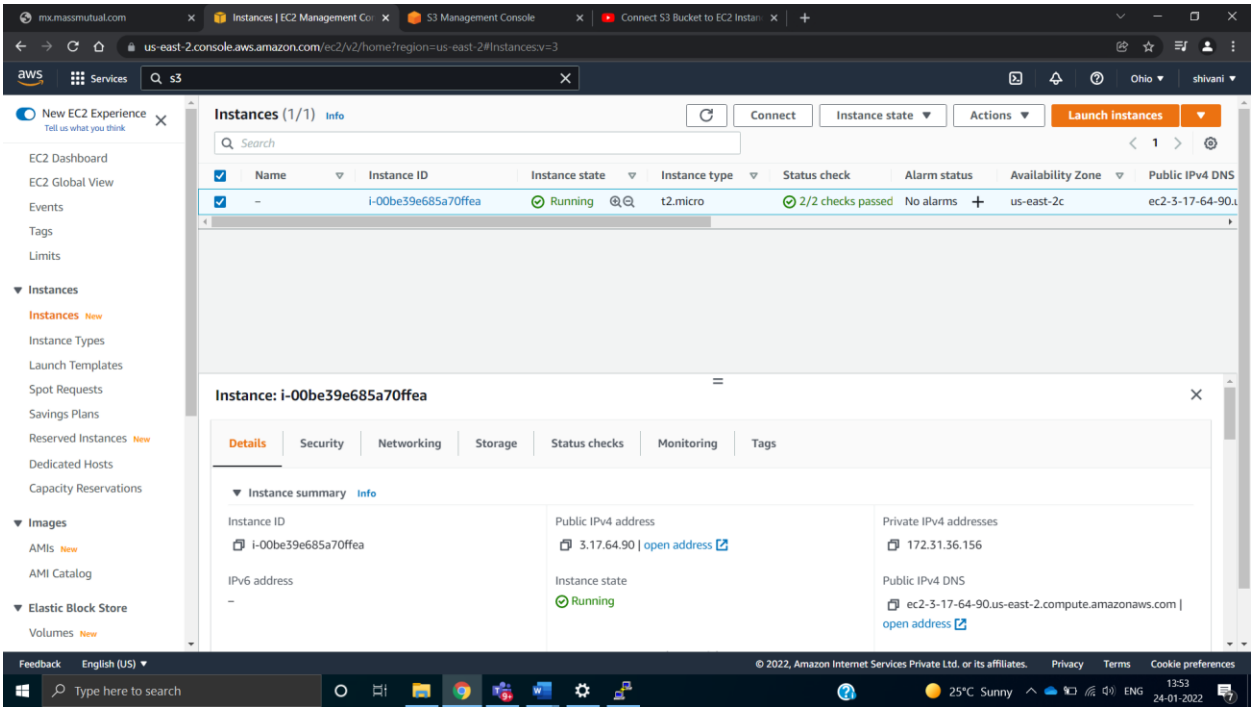
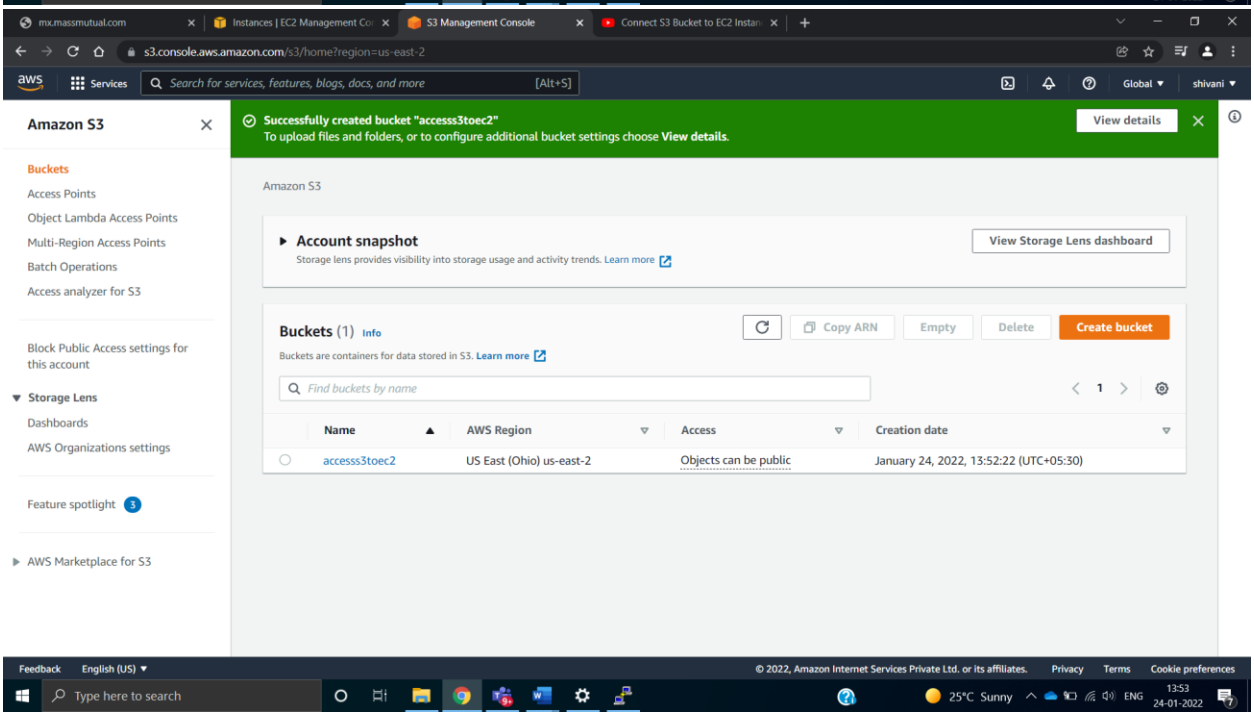
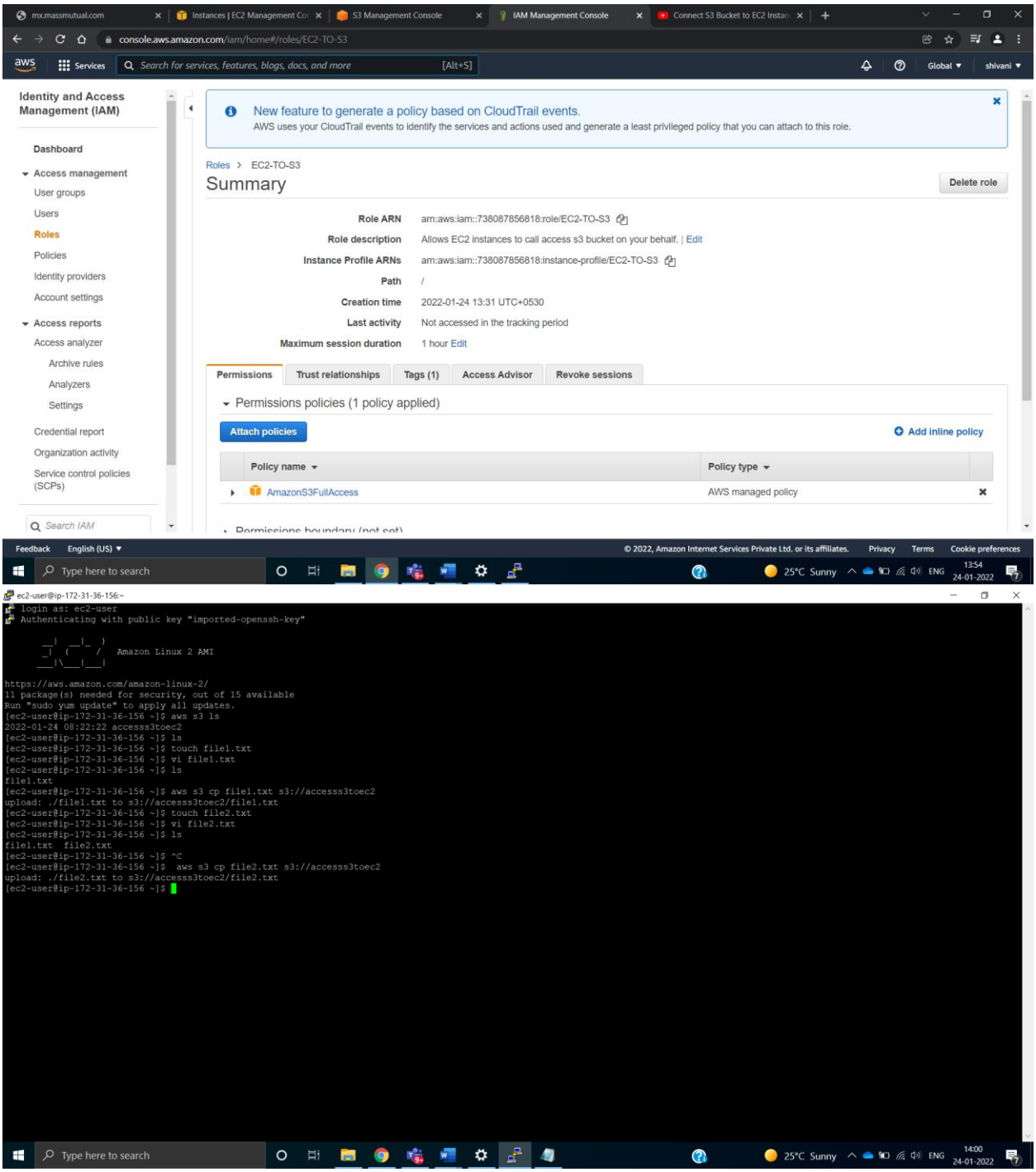
5. Create a new IAM role and policy to access only S3 bucket from AWS EC2 instance display the output using AWS S3 cli

AWS console:



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Instances | EC2 Management Co
S3 Management Console
IAM Management Console
Connect S3 Bucket to EC2 Instan
console.aws.amazon.com/iam/home#/roles/EC2-TO-S3
Services
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Global
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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
Organization activity
Service control policies (SCPs)
Search IAM
New feature to generate a policy based on CloudTrail events.
AWS uses your CloudTrail events to identify the services and actions used and generate a least privileged policy that you can attach to this role.
Roles > EC2-TO-S3
Summary
Delete role
Role ARN
arn:aws:iam::738087856818:role/EC2-TO-S3
Role description
Allows EC2 instances to call access s3 bucket on your behalf. | Edit
Instance Profile ARNs
arn:aws:iam::738087856818:instance-profile/EC2-TO-S3
Path
/
Creation time
2022-01-24 13:31 UTC+0530
Last activity
Not accessed in the tracking period
Maximum session duration
1 hour Edit
Permissions
Trust relationships
Tags (1)
Access Advisor
Revoke sessions
Permissions policies (1 policy applied)
Attach policies
Add inline policy
Policy name
Policy type
AmazonS3FullAccess
AWS managed policy
Feedback
English (US)
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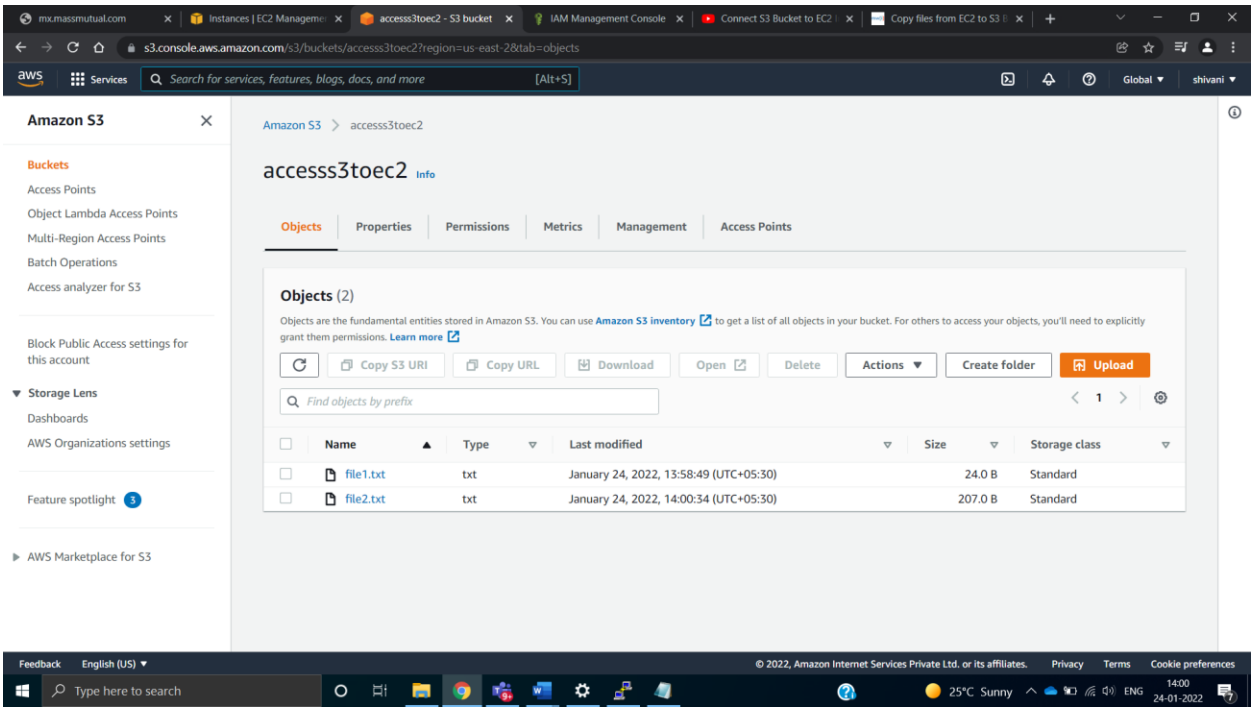
Privacy
Terms
Cookie preferences
Type here to search
25°C Sunny
ENG
13:54
24-01-2022
ec2-user@ip-172-31-36-156:~
login as: ec2-user
Authenticating with public key "imported-openssh-key"
Amazon Linux 2 AMI
https://aws.amazon.com/amazon-linux-2/
11 package(s) needed for security, out of 15 available
Run "sudo yum update" to apply all updates.
[ec2-user@ip-172-31-36-156 ~]$ aws s3 ls
2022-01-24 08:22:22 accesss3toec2
[ec2-user@ip-172-31-36-156 ~]$ ls
[ec2-user@ip-172-31-36-156 ~]$ touch file1.txt
[ec2-user@ip-172-31-36-156 ~]$ vi file1.txt
[ec2-user@ip-172-31-36-156 ~]$ ls
file1.txt
[ec2-user@ip-172-31-36-156 ~]$ aws s3 cp file1.txt s3://accesss3toec2
upload: ./file1.txt to s3://accesss3toec2/file1.txt
[ec2-user@ip-172-31-36-156 ~]$ touch file2.txt
[ec2-user@ip-172-31-36-156 ~]$ vi file2.txt
[ec2-user@ip-172-31-36-156 ~]$ ls
file1.txt file2.txt
[ec2-user@ip-172-31-36-156 ~]$ ^C
[ec2-user@ip-172-31-36-156 ~]$ aws s3 cp file2.txt s3://accesss3toec2
upload: ./file2.txt to s3://accesss3toec2/file2.txt
[ec2-user@ip-172-31-36-156 ~]$
Type here to search
25°C Sunny
ENG
14:00
24-01-2022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accesss3toec2 - S3 bucket
IAM Management Console
Connect S3 Bucket to EC2
Copy files from EC2 to S3
s3.console.aws.amazon.com/s3/buckets/accesss3toec2?region=us-east-2&tab=objects
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Object Lambda Access Points
Multi-Region Access Points
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Access analyzer for S3
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Dashboards
AWS Organizations settings
Feature spotlight 3
AWS Marketplace for S3
Amazon S3 > accesss3toec2
accesss3toec2 Info
Objects
Properties
Permissions
Metrics
Management
Access Points
Objects (2)
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
Copy S3 URI
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Delete
Actions
Create folder
Upload
Find objects by prefix
1
Name
Type
Last modified
Size
Storage class
file1.txt
txt
January 24, 2022, 13:58:49 (UTC+05:30)
24.0 B
Standard
file2.txt
txt
January 24, 2022, 14:00:34 (UTC+05:30)
207.0 B
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