Cloud Computing

UE19CS352

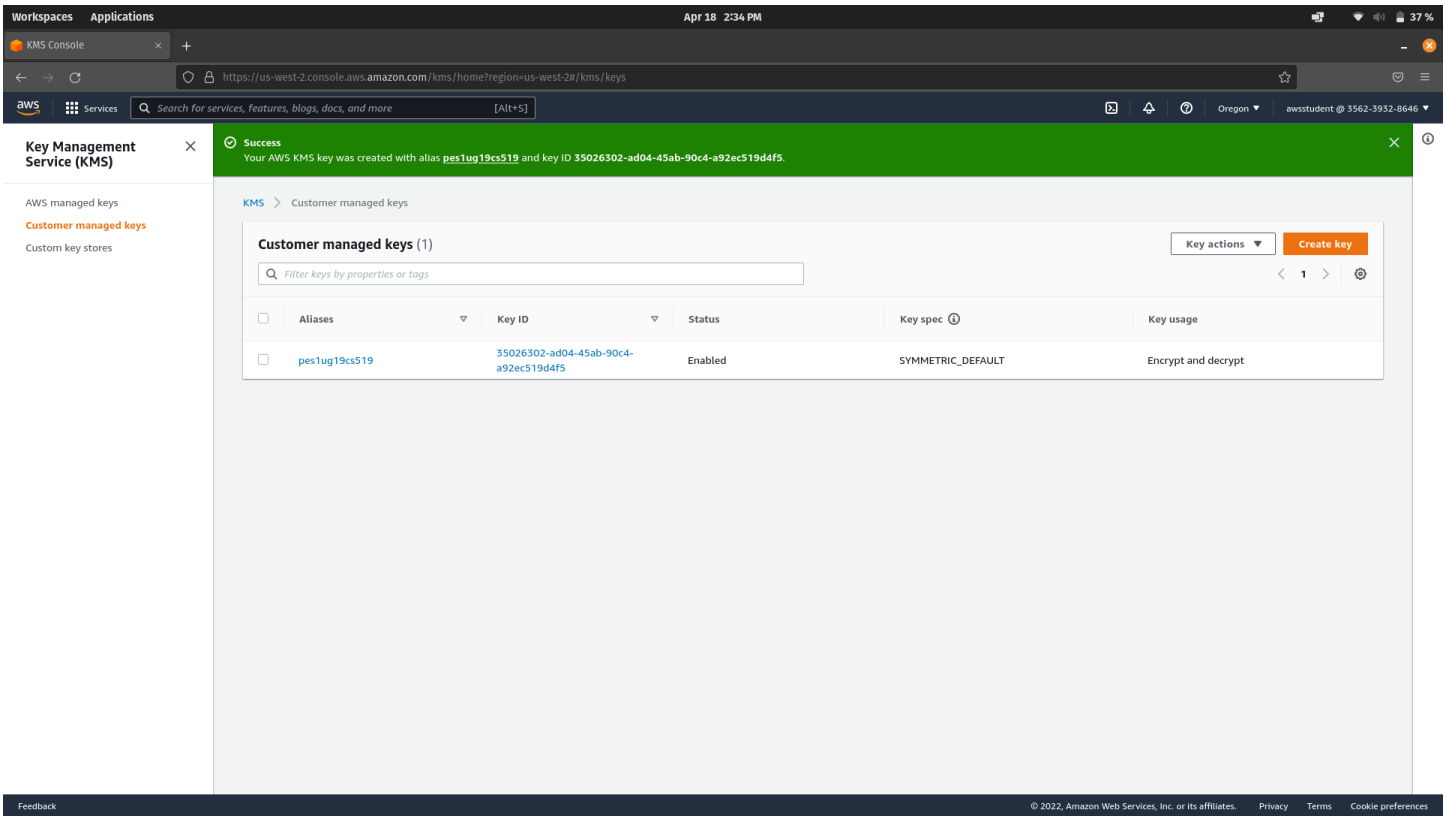
6th Semester, Academic Year 2021-22

Assignment #: 5 – AWS KMS

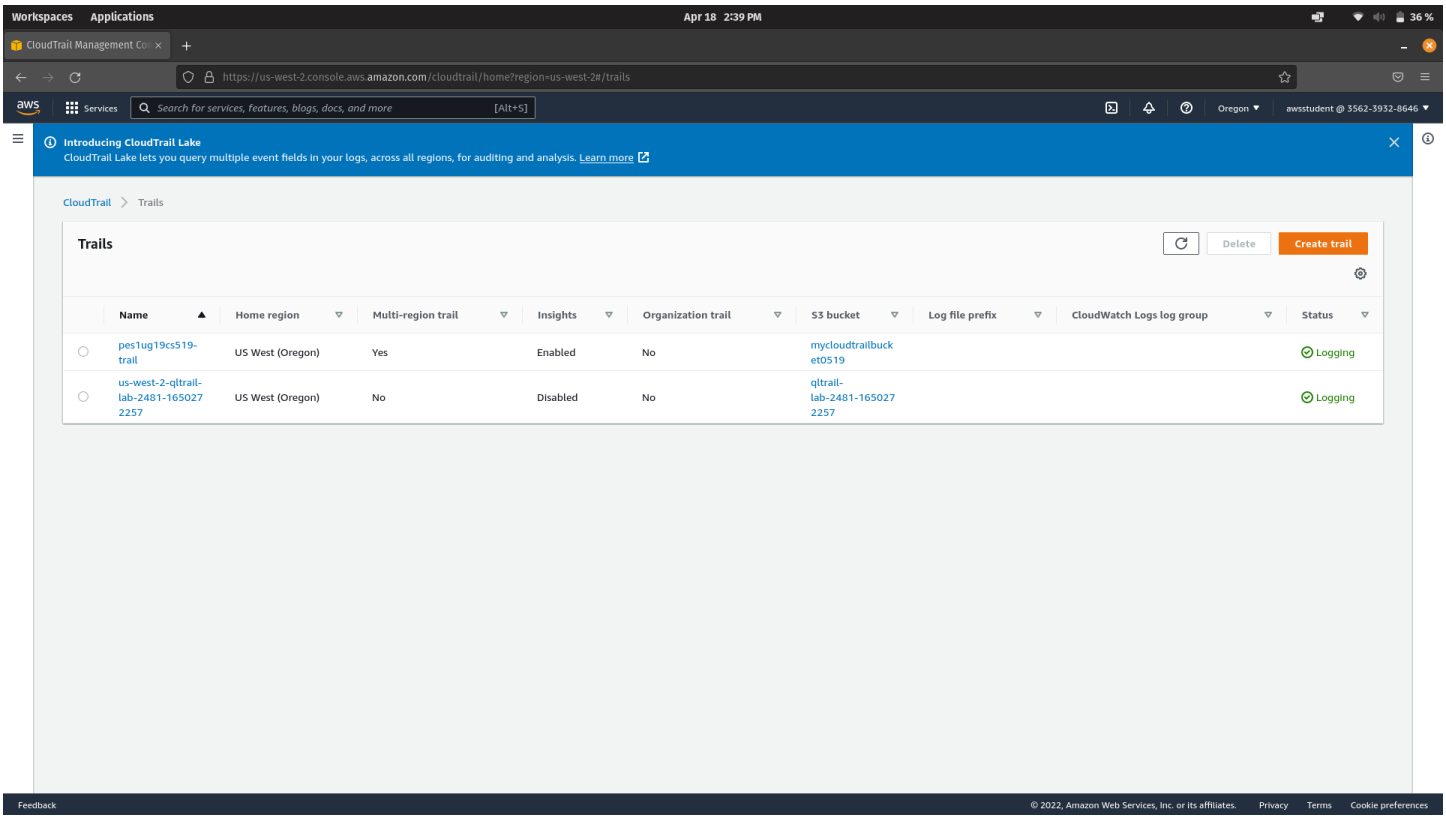
Date: 18/4/2022

Name : SUMUKH RAJU BHAT	SRN : PES1UG19CS519	Section : H

1a.png:



2a.png:


Workspaces Applications
Apr 18 2:39 PM
CloudTrail Management Co
https://us-west-2.console.aws.amazon.com/cloudtrail/home?region=us-west-2#/trails
Services
Search for services, features, blogs, docs, and more [Alt+S]
Oregon
awsstudent @ 3562-3932-8646
Introducing CloudTrail Lake
CloudTrail Lake lets you query multiple event fields in your logs, across all regions, for auditing and analysis. Learn more
CloudTrail > Trails
Trails
Delete
Create trail
Name
Home region
Multi-region trail
Insights
Organization trail
S3 bucket
Log file prefix
CloudWatch Logs log group
Status
pes1ug19cs519-trail
US West (Oregon)
Yes
Enabled
No
mycloudtrailbucket0519
Logging
us-west-2-qltrail-lab-2481-1650272257
US West (Oregon)
No
Disabled
No
qltrail-lab-2481-1650272257
Logging
Feedback
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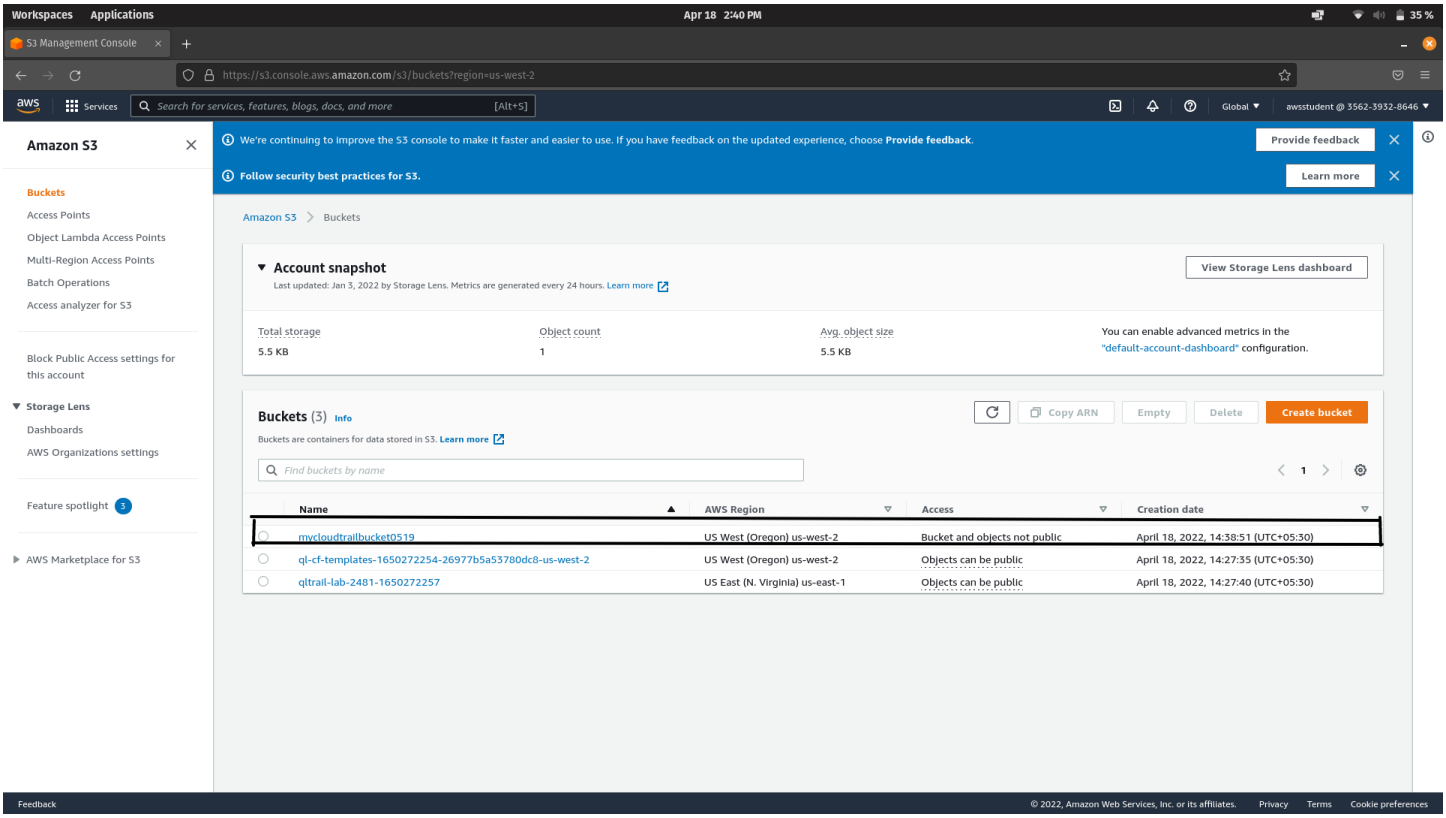
3a.png:


Workspaces Applications
Apr 18 2:40 PM
S3 Management Console
https://s3.console.aws.amazon.com/s3/buckets?region=us-west-2
Services
Search for services, features, blogs, docs, and more [Alt+S]
Global
awsstudent @ 3562-3932-8646
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
We're continuing to improve the S3 console to make it faster and easier to use. If you have feedback on the updated experience, choose Provide feedback.
Provide feedback
Follow security best practices for S3.
Learn more
Amazon S3 > Buckets
Account snapshot
Last updated: Jan 3, 2022 by Storage Lens. Metrics are generated every 24 hours. Learn more
View Storage Lens dashboard
Total storage
5.5 KB
Object count
1
Avg. object size
5.5 KB
You can enable advanced metrics in the "default-account-dashboard" configuration.
Buckets (3) Info
Buckets are containers for data stored in S3. Learn more
Copy ARN
Empty
Delete
Create bucket
Find buckets by name
Name
AWS Region
Access
Creation date
mycloudtrailbucket0519
US West (Oregon) us-west-2
Bucket and objects not public
April 18, 2022, 14:38:51 (UTC+05:30)
ql-cf-templates-1650272254-26977b5a53780dc8-us-west-2
US West (Oregon) us-west-2
Objects can be public
April 18, 2022, 14:27:35 (UTC+05:30)
qltrail-lab-2481-1650272257
US East (N. Virginia) us-east-1
Objects can be public
April 18, 2022, 14:27:40 (UTC+05:30)
Feedback
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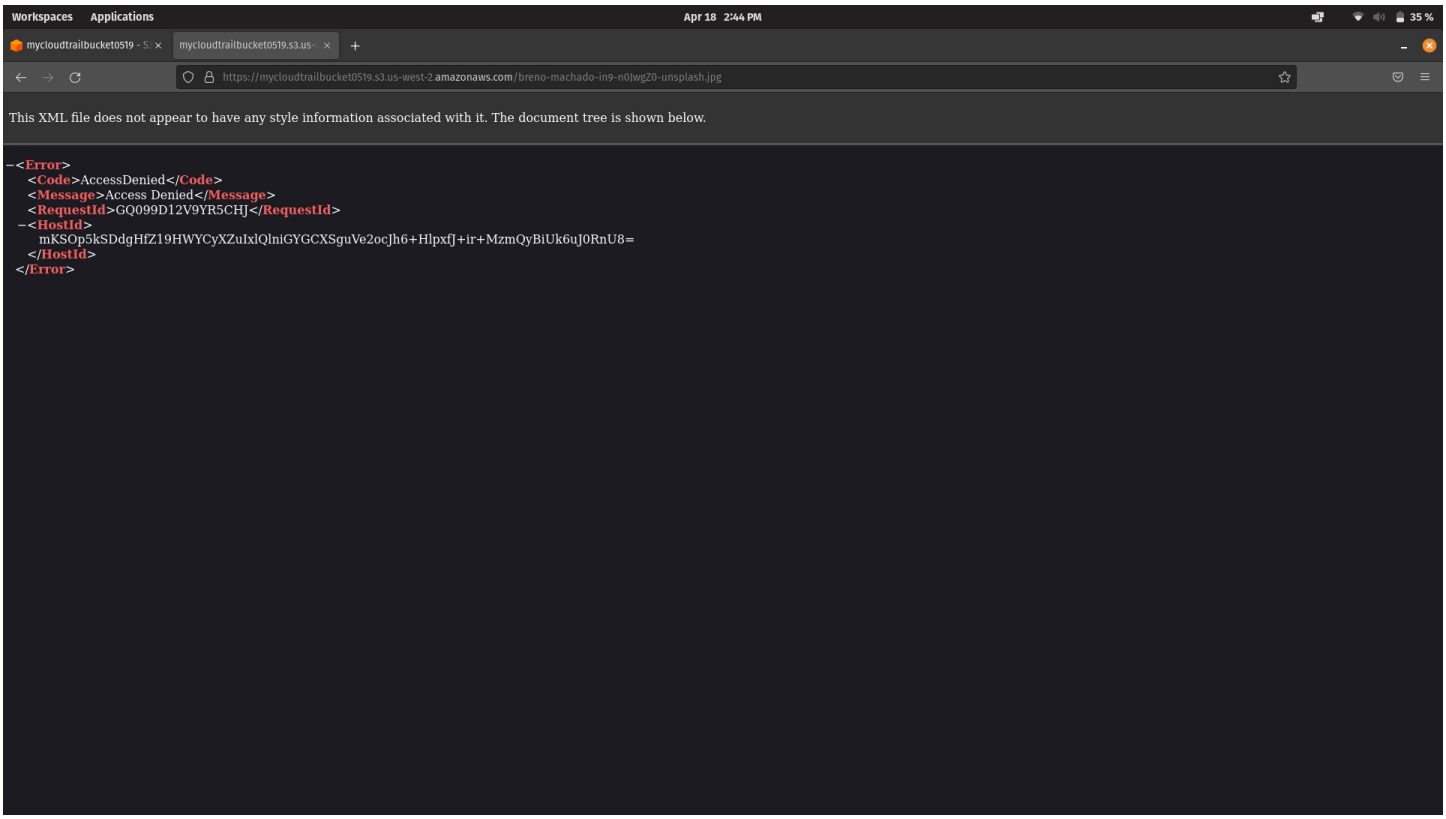
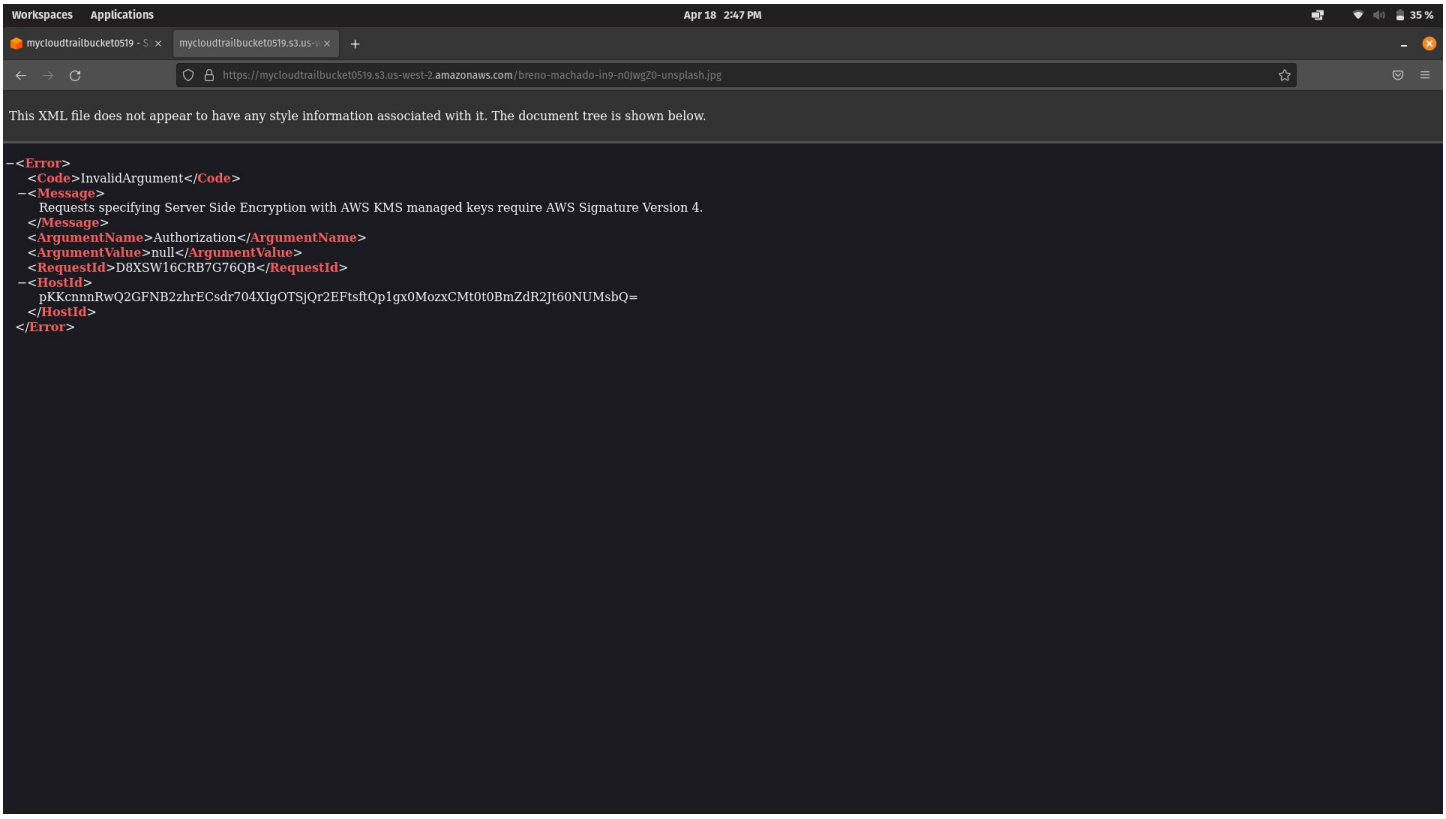
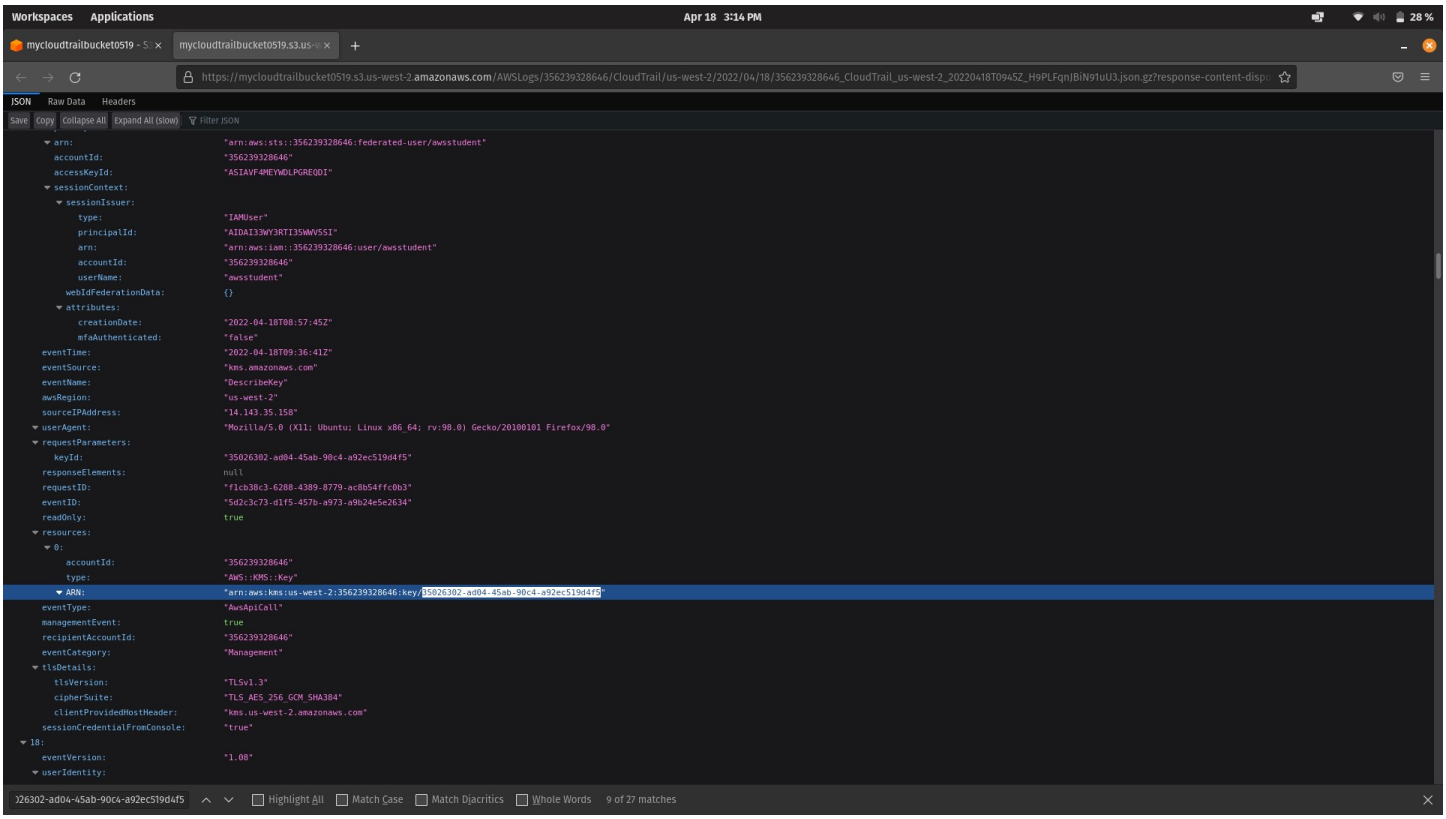
4a.png:


Workspaces Applications
Apr 18 2:44 PM
35 %
mycloudtrailbucket0519 - S
mycloudtrailbucket0519.s3.us
https://mycloudtrailbucket0519.s3.us-west-2.amazonaws.com/breno-machado-in9-n0JwgZ0-unsplash.jpg
This XML file does not appear to have any style information associated with it. The document tree is shown below.
<Error>
<Code>AccessDenied</Code>
<Message>Access Denied</Message>
<RequestId>GQ099D12V9YR5CHJ</RequestId>
<HostId>
mKSOp5kSDdgHfZ19HWYCyXZuIxlQlniGYGCXSguVe2ocJh6+HlpxfJ+ir+MzmQyBiUk6uJ0RnU8=
</HostId>
</Error>

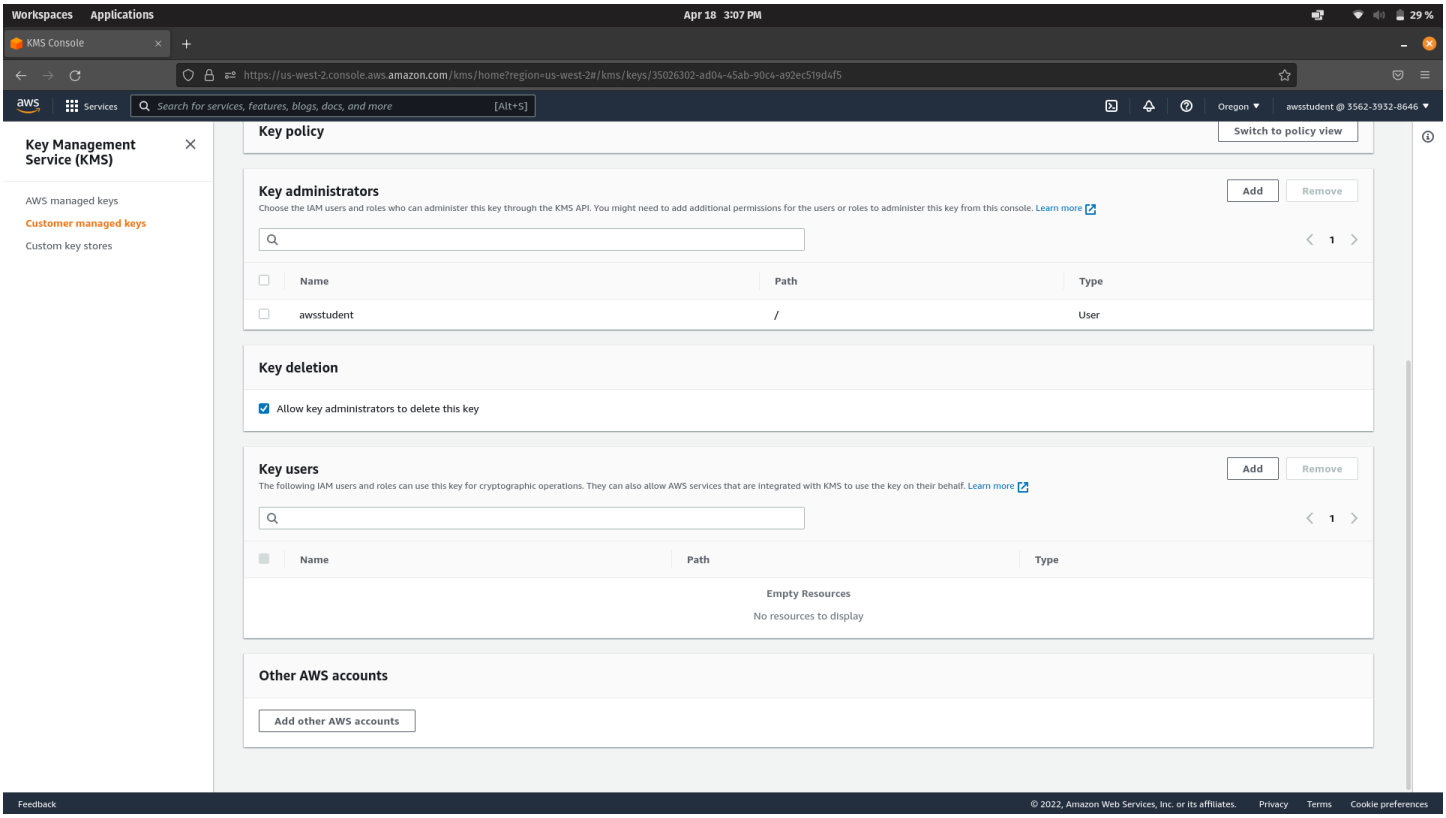
4b.png:


Workspaces Applications
Apr 18 2:47 PM
35 %
mycloudtrailbucket0519 - S
mycloudtrailbucket0519.s3.us
https://mycloudtrailbucket0519.s3.us-west-2.amazonaws.com/breno-machado-in9-n0JwgZ0-unsplash.jpg
This XML file does not appear to have any style information associated with it. The document tree is shown below.
<Error>
<Code>InvalidArgument</Code>
<Message>
Requests specifying Server Side Encryption with AWS KMS managed keys require AWS Signature Version 4.
</Message>
<ArgumentName>Authorization</ArgumentName>
<ArgumentValue>null</ArgumentValue>
<RequestId>D8XSW16CRB7G76QB</RequestId>
<HostId>
pKKcnnnRwQ2GFNB2zhrECsdr704XIgOTSjQr2EFtsftQp1gx0MozxCMt0t0BmZdR2Jt60NUMsbQ=
</HostId>
</Error>

5a.png:


Workspaces Applications
Apr 18 3:14 PM
mycloudtrailbucket0519 - S
mycloudtrailbucket0519.s3.us-w
https://mycloudtrailbucket0519.s3.us-west-2.amazonaws.com/AWSLogs/356239328646/CloudTrail/us-west-2/2022/04/18/356239328646_CloudTrail_us-west-2_20220418T0945Z_H9PLFqnJBiN91uU3.json.gz?response-content-disp
JSON
Raw Data
Headers
Save
Copy
Collapse All
Expand All (slow)
Filter JSON
arn: "arn:aws:sts::356239328646:federated-user/awsstudent"
accountId: "356239328646"
accessKeyId: "ASIAVF4MEYWDLPGREQDI"
sessionContext:
sessionIssuer:
type: "IAMUser"
principalId: "AIDAI33WY3RTI35WWV5SI"
arn: "arn:aws:iam::356239328646:user/awsstudent"
accountId: "356239328646"
userName: "awsstudent"
webIdFederationData: {}
attributes:
creationDate: "2022-04-18T08:57:45Z"
mfaAuthenticated: "false"
eventTime: "2022-04-18T09:36:41Z"
eventSource: "kms.amazonaws.com"
eventName: "DescribeKey"
awsRegion: "us-west-2"
sourceIPAddress: "14.143.35.158"
userAgent: "Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:98.0) Gecko/20100101 Firefox/98.0"
requestParameters:
keyId: "35026302-ad04-45ab-90c4-a92ec519d4f5"
responseElements: null
requestID: "f1cb38c3-6288-4389-8779-ac8b54ffc0b3"
eventID: "5d2c3c73-d1f5-457b-a973-a9b24e5e2634"
readOnly: true
resources:
0:
accountId: "356239328646"
type: "AWS::KMS::Key"
ARN: "arn:aws:kms:us-west-2:356239328646:key/35026302-ad04-45ab-90c4-a92ec519d4f5"
eventType: "AwsApiCall"
managementEvent: true
recipientAccountId: "356239328646"
eventCategory: "Management"
tlsDetails:
tlsVersion: "TLSv1.3"
cipherSuite: "TLS_AES_256_GCM_SHA384"
clientProvidedHostHeader: "kms.us-west-2.amazonaws.com"
sessionCredentialFromConsole: "true"
18:
eventVersion: "1.08"
userIdentity:
26302-ad04-45ab-90c4-a92ec519d4f5
Highlight All
Match Case
Match Diacritics
Whole Words
9 of 27 matches

6a.png:


Workspaces Applications
Apr 18 3:07 PM
KMS Console
https://us-west-2.console.aws.amazon.com/kms/home?region=us-west-2#/kms/keys/35026302-ad04-45ab-90c4-a92ec519d4f5
aws
Services
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Oregon
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Key Management Service (KMS)
AWS managed keys
Customer managed keys
Custom key stores
Key policy
Switch to policy view
Key administrators
Choose the IAM users and roles who can administer this key through the KMS API. You might need to add additional permissions for the users or roles to administer this key from this console. Learn more
Add
Remove
Name
Path
Type
awsstudent
/
User
Key deletion
Allow key administrators to delete this key
Key users
The following IAM users and roles can use this key for cryptographic operations. They can also allow AWS services that are integrated with KMS to use the key on their behalf. Learn more
Add
Remove
Name
Path
Type
Empty Resources
No resources to display
Other AWS accounts
Add other AWS accounts
Feedback
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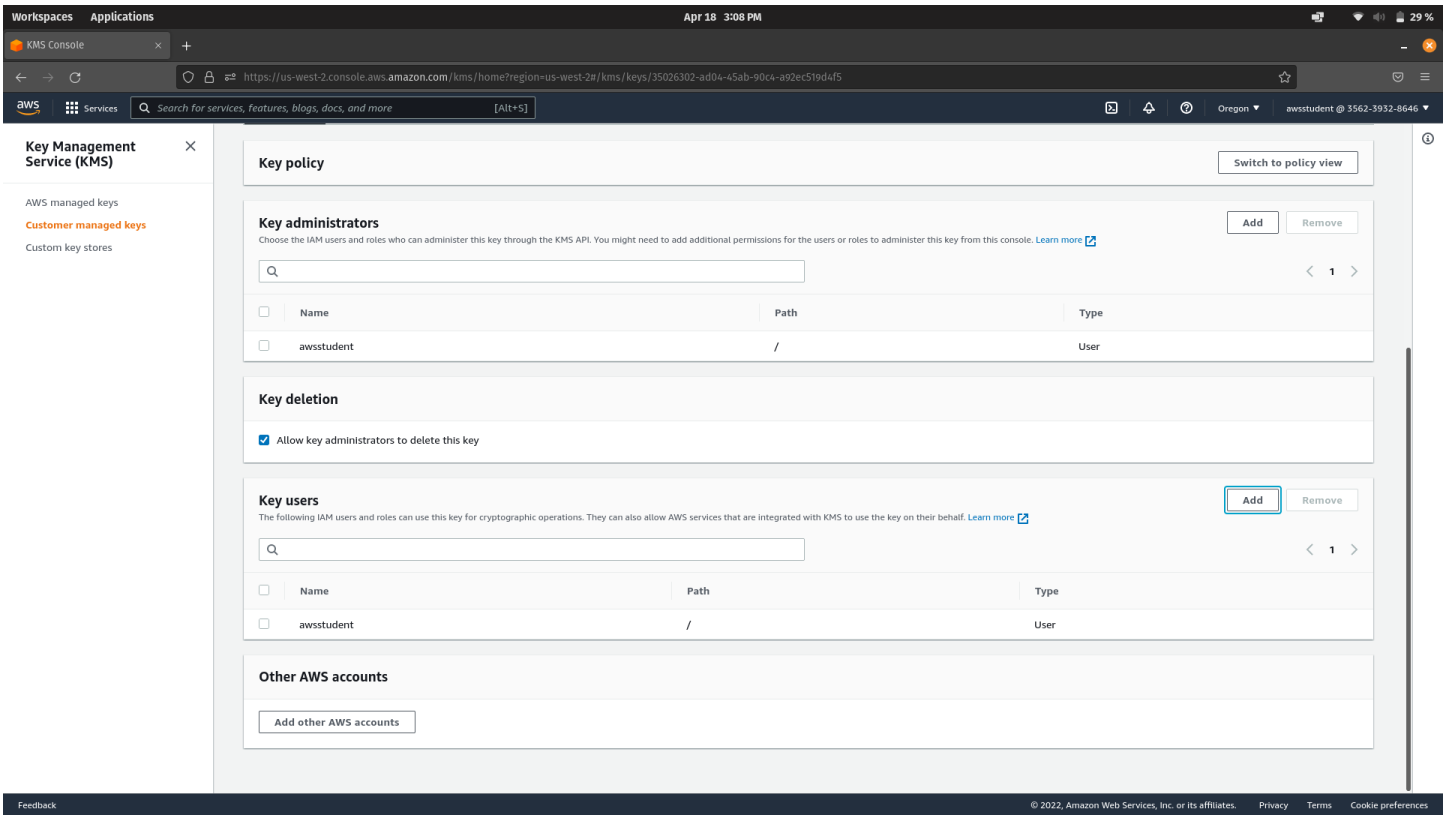
6b.png:


Workspaces
Applications
Apr 18 3:08 PM
29 %
KMS Console
https://us-west-2.console.aws.amazon.com/kms/home?region=us-west-2#/kms/keys/35026302-ad04-45ab-90c4-a92ec519d4f5
Services
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[Alt+S]
Oregon
awsstudent @ 3562-3932-8646
Key Management Service (KMS)
AWS managed keys
Customer managed keys
Custom key stores
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Switch to policy view
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awsstudent
/
User
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Name
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Type
awsstudent
/
User
Other AWS accounts
Add other AWS accounts
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