

**Date:2nd June**

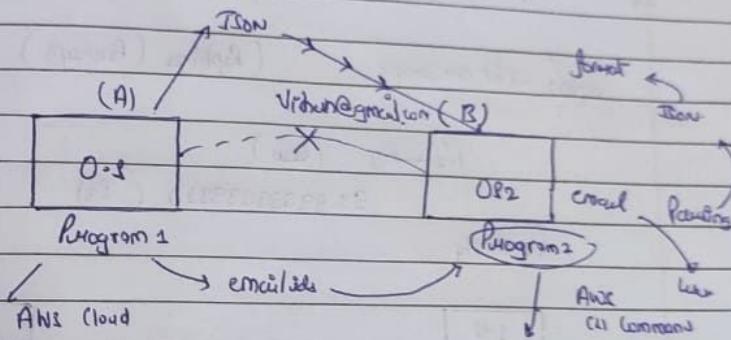
## Hybrid Cloud

Date :- 2nd June

Date  
Page

- S<sub>2</sub>
- S<sub>3</sub> (Cloud Front)
- Cloud front
  - edge Network (location)
  - with S<sub>2</sub>

## JSON :-



How it can know endpoint?

Or name

| • variable = value |

Attribute/Key

Key & Value Pair

→ formal :- YAML (Yet Another Markup Language)

→ JSON / XML

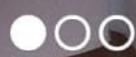


Java Script Object notation

GB ≠ Gib

EBS → Max size (16 TiB)

→ Minimum (1)



SHOT ON REDMI K20  
AI TRIPLE CAMERA



If don't the problem directly, you have to convert  
effort into you can't

Sharing to have Payment

~~yes~~

Unchanged stored location

EB → X → RAM/ROM.

Unchanged stored location

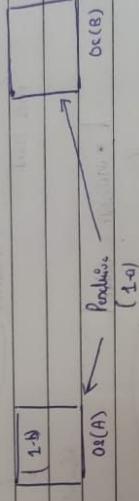
\*  $\varnothing_3$  (Simple Storage Service)

~~replica~~ → int concept (Replicas (Backup))

1 → 2 → 3 (new)

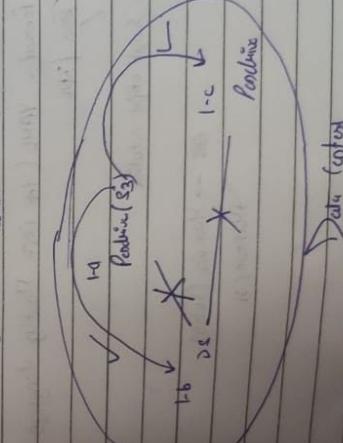
99.999999999 ( $\varnothing_3$ )

• Availability



→ DR (one at a time)

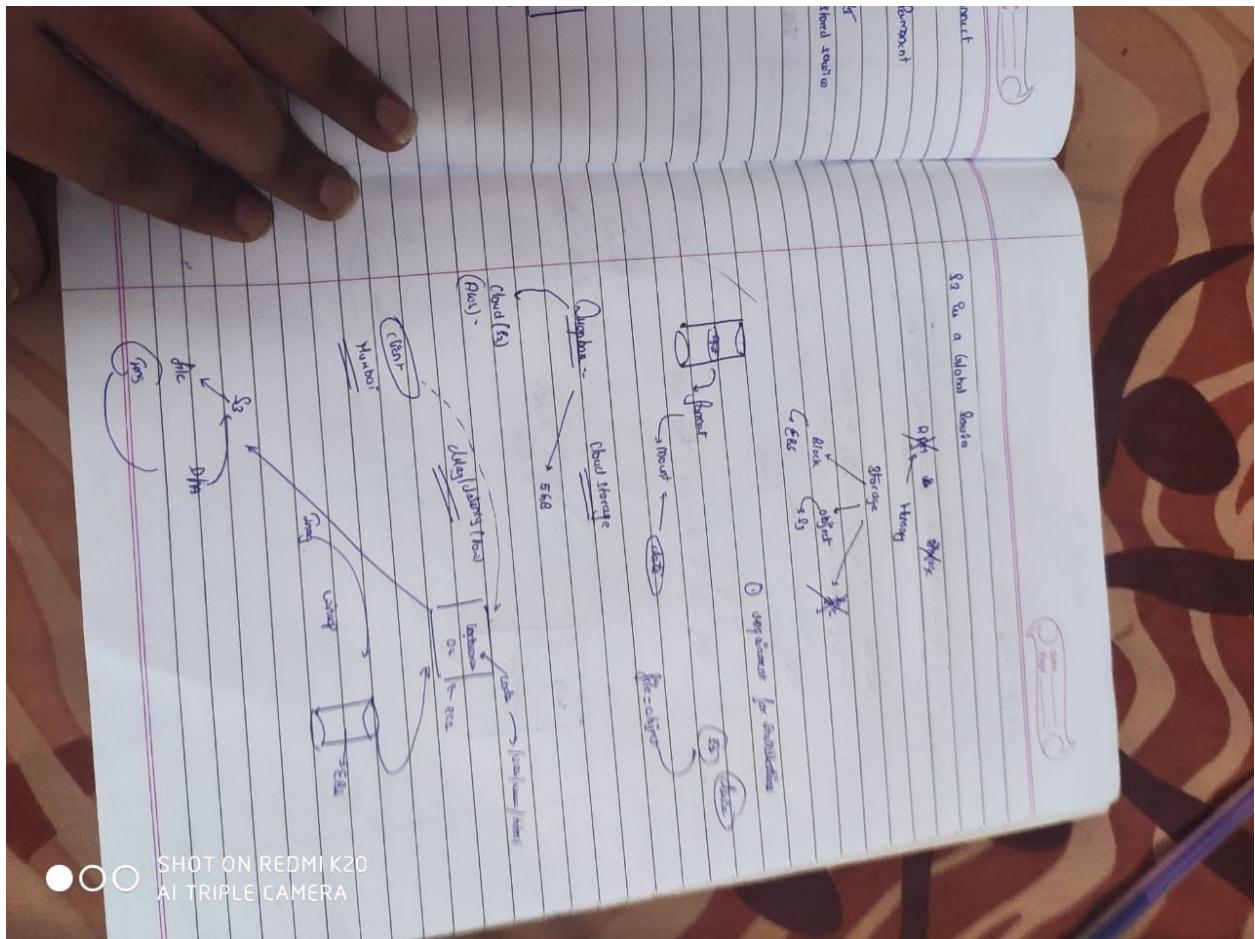
→  $\varnothing_3$  (you can return to 100% in 0.01)



Date function



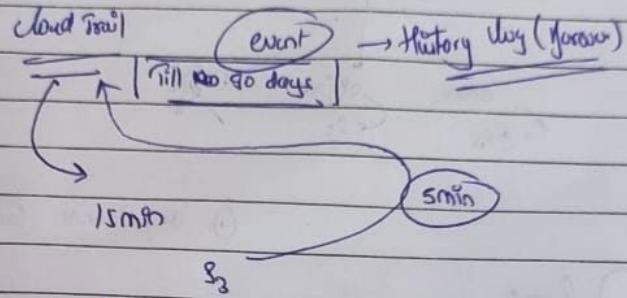
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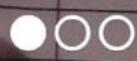
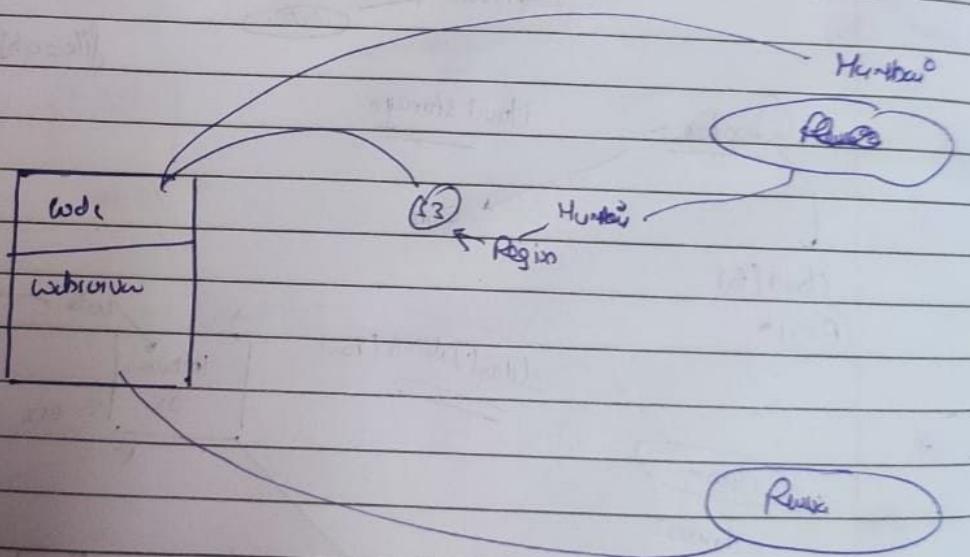
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→ # Unique Name in the region

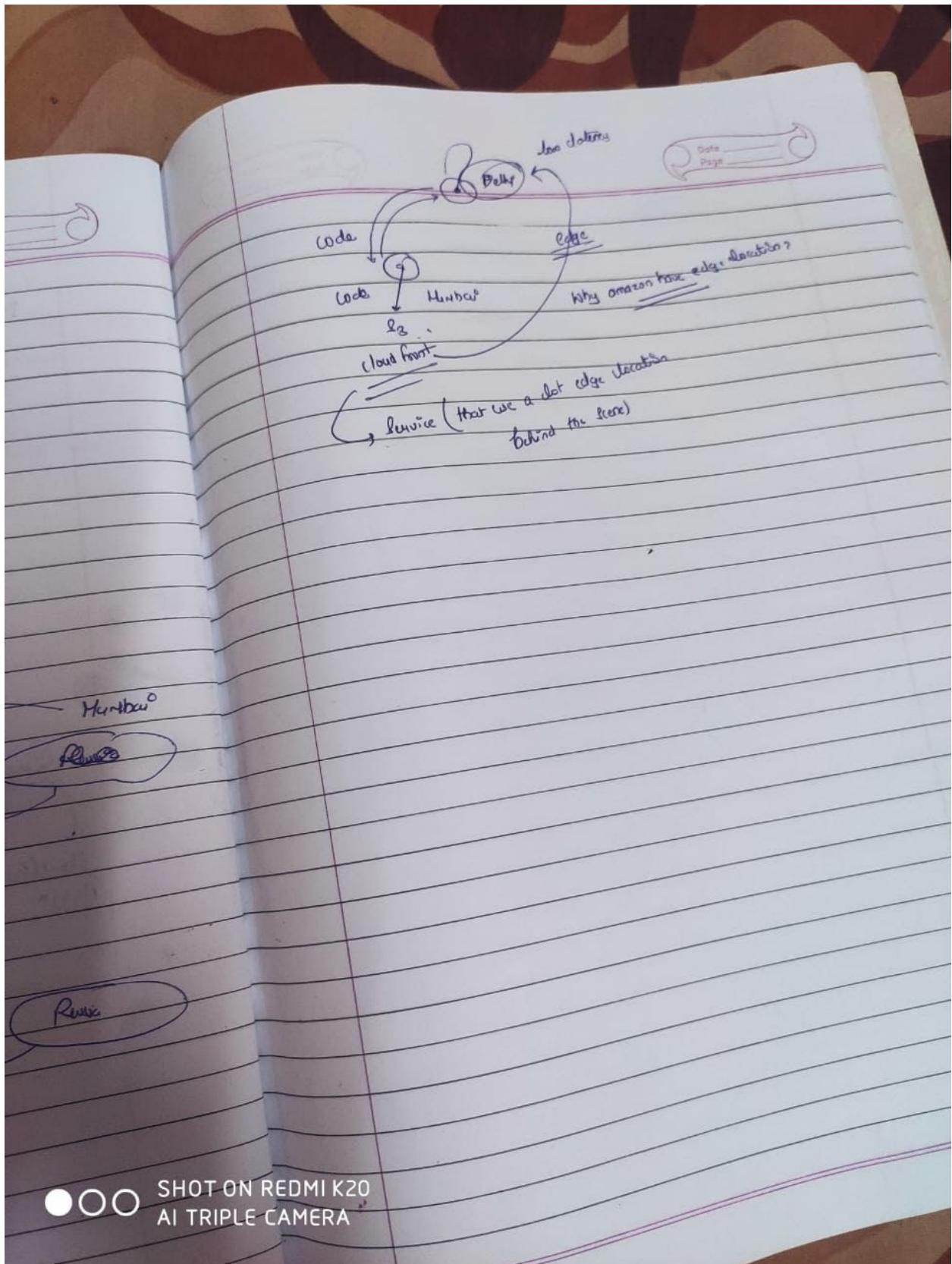
[ URL → `http://bucket-name.region-name.s3nuge.name` ]



Apply Trail To all region? Yes.

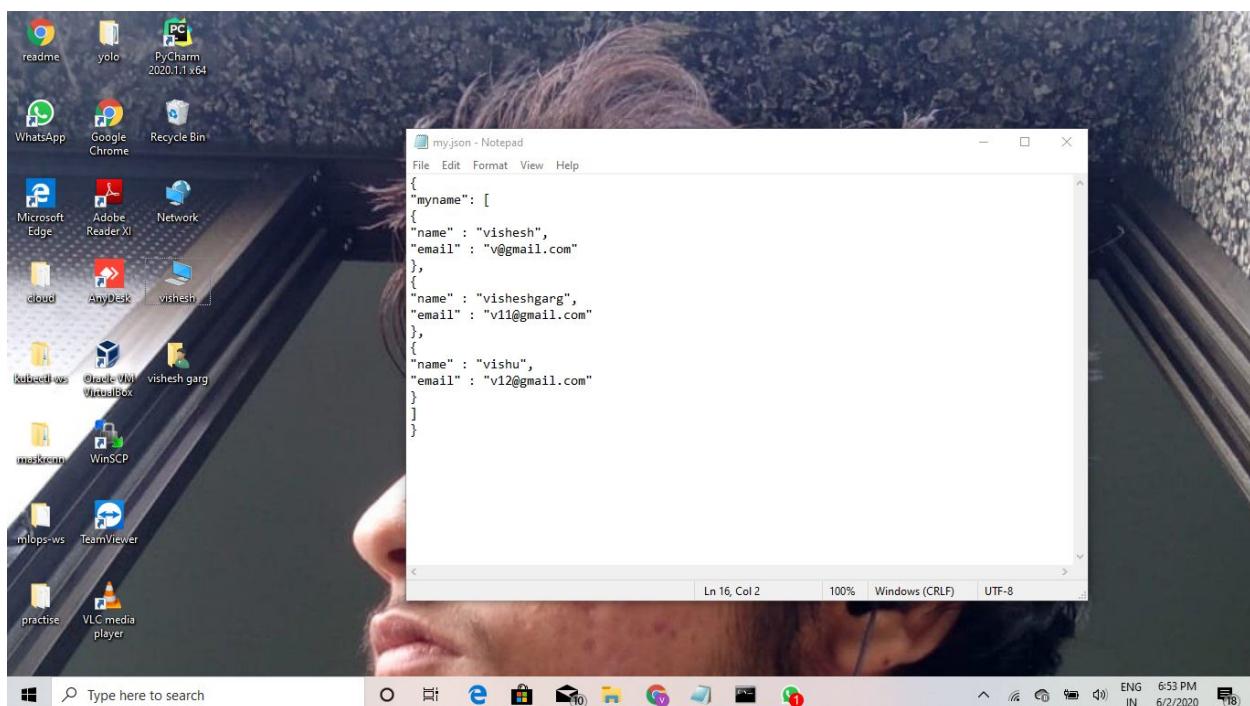
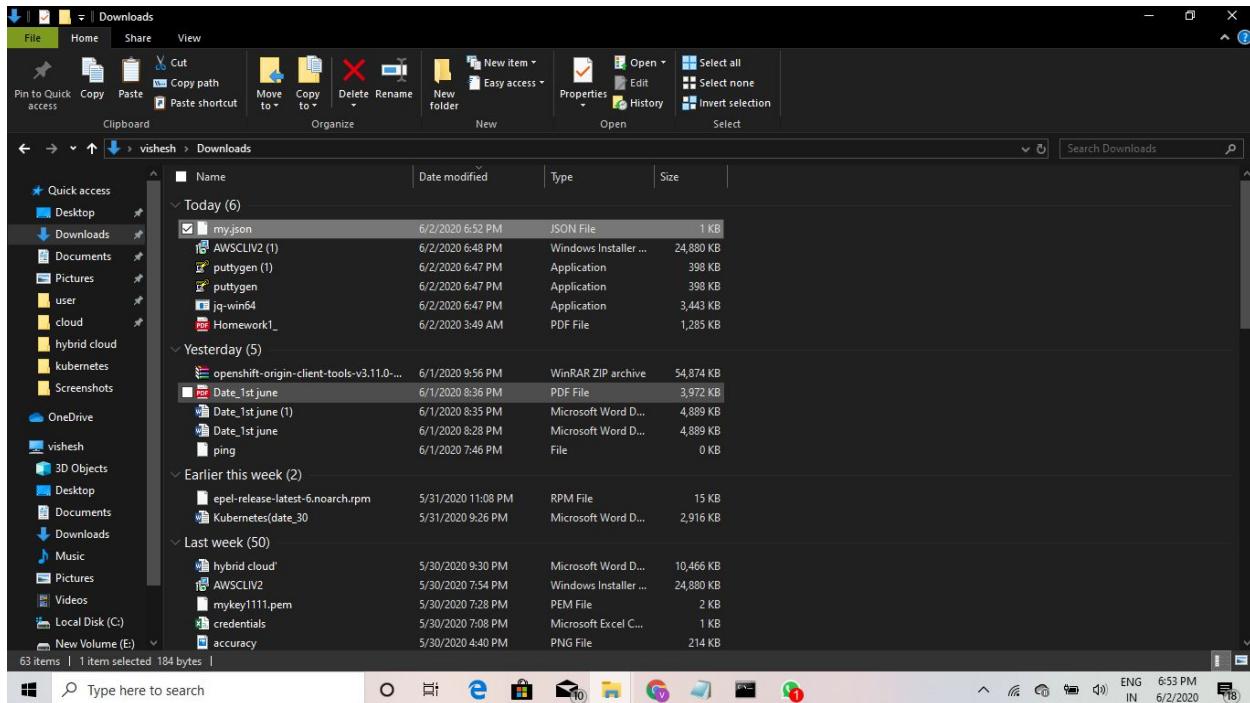


SHOT ON REDMI K20  
AI TRIPLE CAMERA



The screenshot shows the AWS EC2 Management console interface. At the top, there are tabs for 'Dashboard | EC2 Management' (active), 'multi hybrid cloud - Google Drive', and 'Date 2nd June - Google Docs'. Below the tabs, the URL is 'console.aws.amazon.com/ec2/v2/home?region=us-east-1#Home:'. The navigation bar includes 'Services' (selected), 'Resource Groups', and other options like 'New Tab Search', 'Inbox (157) - 2019...', 'Inbox (1,144) - vish...', 'Inbox (252) - 2019...', 'Gmail', 'YouTube', and 'Maps'. On the left, a sidebar titled 'EC2 Dashboard New' lists 'Events New', 'Tags', 'Reports', 'Limits', and a expanded section for 'INSTANCES' containing 'Instances', 'Instance Types', 'Launch Templates', 'Spot Requests', 'Savings Plans', 'Reserved Instances', 'Dedicated Hosts New', 'Scheduled Instances', and 'Capacity Reservations'. A 'Feedback' button and language selection ('English (US)') are at the bottom of the sidebar. The main content area has a blue header 'Welcome to the new EC2 console!' with a note about redesigning the console. It features a 'Resources' section with a table showing counts for various EC2 resources: Running instances (0), Dedicated Hosts (0), Volumes (0), Key pairs (0), Placement groups (0), Elastic IPs (0), Snapshots (0), Load balancers (0), and Security groups (1). To the right is an 'Account attributes' panel with sections for 'Supported platforms' (VPC), 'Default VPC' (vpc-6668711c), 'Settings', 'EBS encryption', 'Zones', and 'Console experiments'. A tooltip at the bottom of the resources section says 'Easily size, configure, and deploy Microsoft SQL Server Always On availability groups on AWS using the AWS Launch Wizard for SQL Server... Learn more'.

```
C:\Users\user>aws ec2 describe-key-pairs
{
  "KeyPairs": [
    {
      "KeyId": "key-053144ee90adf15fa",
      "KeyFingerprint": "07:b3:8e:10:84:3b:03:c9:2c:1c:69:bc:03:fc:6d:04:3a:13:d0:73",
      "KeyName": "keycloudclass",
      "Tags": []
    },
    {
      "KeyId": "key-08d3e6e9b3e8417e8",
      "KeyFingerprint": "7d:a9:a2:b5:f2:34:96:3f:39:b3:f8:ef:a6:3f:7c:18:88:d0:6f:7e",
      "KeyName": "mykey1111",
      "Tags": []
    }
  ]
}
```



C:\Users\user>cd Downloads

C:\Users\user\Downloads>jq-win64.exe  
jq - commandline JSON processor [version 1.6]

Usage: jq-win64.exe [options] <jq filter> [file...]  
jq-win64.exe [options] --args <jq filter> [strings...]

```
jq-win64.exe [options] --jsonargs <jq filter> [JSON_TEXTS...]
```

jq is a tool for processing JSON inputs, applying the given filter to its JSON text inputs and producing the filter's results as JSON on standard output.

The simplest filter is ., which copies jq's input to its output unmodified (except for formatting, but note that IEEE754 is used for number representation internally, with all that that implies).

For more advanced filters see the jq(1) manpage ("man jq") and/or <https://stedolan.github.io/jq>

Example:

```
$ echo '{"foo": 0}' | jq .
{
    "foo": 0
}
```

For a listing of options, use jq-win64.exe --help.

```
C:\Users\user\Downloads>jq-win64.exe "" my.json
{
    "name": "vishesh",
    "email": "v@gmail.com"
}
```

```
C:\Users\user\Downloads>jq-win64.exe ." my.json
{
    "name": "vishesh",
    "email": "v@gmail.com"
}
```

```
C:\Users\user\Downloads>jq-win64.exe ." my.json
{
    "name": "vishesh",
    "email": "v@gmail.com"
}
```

```
C:\Users\user\Downloads>jq-win64.exe ." my.json
{
    "myname": [

```

```
{  
  "name": "vishesh",  
  "email": "v@gmail.com"  
},  
{  
  "name": "visheshgarg",  
  "email": "v11@gmail.com"  
},  
{  
  "name": "vishu",  
  "email": "v12@gmail.com"  
}  
]  
}
```

C:\Users\user\Downloads>jq-win64.exe ".myname[0]" my.json

```
{  
  "name": "vishesh",  
  "email": "v@gmail.com"  
}
```

C:\Users\user\Downloads>jq-win64.exe ".myname[0:2]" my.json

```
[  
{  
  "name": "vishesh",  
  "email": "v@gmail.com"  
},  
{  
  "name": "visheshgarg",  
  "email": "v11@gmail.com"  
}]
```

C:\Users\user\Downloads>jq-win64.exe ".myname[\*]" my.json

```
jq: error: syntax error, unexpected '*' (Windows cmd shell quoting issues?) at <top-level>, line 1:  
.myname[*]  
jq: 1 compile error
```

C:\Users\user\Downloads>jq-win64.exe ".myname[::]" my.json

```
jq: error: syntax error, unexpected ']' (Windows cmd shell quoting issues?) at <top-level>, line 1:  
.myname[::]  
jq: 1 compile error
```

```
C:\Users\user\Downloads>jq-win64.exe ".myname[0:]" my.json
[
  {
    "name": "vishesh",
    "email": "v@gmail.com"
  },
  {
    "name": "visheshgarg",
    "email": "v11@gmail.com"
  },
  {
    "name": "vishu",
    "email": "v12@gmail.com"
  }
]
```

Dashboard | EC2 Management | multi hybrid cloud - Google Docs | Date:2nd June - Google Docs | Software - Google Drive | [my | New document 1] JSON | +

← → 🔍 jsoneditoronline.org/#left=local.rokaki&right=local.wecegi

Apps New Tab Search Inbox (157) - 2019... Inbox (1,144) - vish... Inbox (252) - 2019... Gmail YouTube Maps

### JSON Editor Online

New document 1

```
1 [ ]
2   "myname": [
3     {
4       "name": "vishesh",
5       "email": "v@gmail.com"
6     },
7     {
8       "name": "visheshgarg",
9       "email": "v11@gmail.com"
10    },
11    {
12      "name": "vishu",
13      "email": "v12@gmail.com"
14    }
15  ]
16 ]
```

Ln: 1 Col: 1

New document 1

```
1 [ ]
2   "myname": [
3     {
4       "name": "vishesh",
5       "email": "v@gmail.com"
6     },
7     {
8       "name": "visheshgarg",
9       "email": "v11@gmail.com"
10    },
11    {
12      "name": "vishu",
13      "email": "v12@gmail.com"
14    }
15  ]
16 ]
```

Ln: 1 Col: 1

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Dashboard | EC2 Management | multi hybrid cloud - Google Docs | Date:2nd June - Google Docs | Software - Google Drive | [my | New document 1] JSON | +

← → 🔍 jsoneditoronline.org/#left=local.rokaki&right=local.wecegi

Apps New Tab Search Inbox (157) - 2019... Inbox (1,144) - vish... Inbox (252) - 2019... Gmail YouTube Maps

### JSON Editor Online

New document 1

```
1 [ ]
2   "myname": [
3     {
4       "name": "vishesh",
5       "email": "v@gmail.com"
6     },
7     {
8       "name": "visheshgarg",
9       "email": "v11@gmail.com"
10    },
11    {
12      "name": "vishu",
13      "email": "v12@gmail.com"
14    }
15  ]
16 ]
```

Ln: 1 Col: 1

Select a node...

```
object {1}
  myname [3]
```

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Copy ↗ Copy Diff



C:\Users\user\Downloads>aws ec2 describe-key-pairs > f.json

C:\Users\user\Downloads>jq-win64.exe ." y.json  
jq: error: Could not open file y.json: No such file or directory

C:\Users\user\Downloads>jq-win64.exe ." f.json

```
{
  "KeyPairs": [
    {
      "KeyId": "key-053144ee90adf15fa",
      "KeyFingerprint": "07:b3:8e:10:84:3b:03:c9:2c:1c:69:bc:03:fc:6d:04:3a:13:d0:73",
      "KeyName": "keycloudclass",
      "Tags": []
    },
    {
      "KeyId": "key-08d3e6e9b3e8417e8",
      "KeyFingerprint": "7d:a9:a2:b5:f2:34:96:3f:39:b3:f8:ef:a6:3f:7c:18:88:d0:6f:7e",
      "KeyName": "mykey1111",
      "Tags": []
    }
  ]
}
```

C:\Users\user\Downloads>jq-win64.exe ".KeyPairs.KeyName" f.json  
jq: error (at f.json:16): Cannot index array with string "KeyName"

```
C:\Users\user\Downloads>jq-win64.exe ".KeyPairs[0]" f.json
{
  "KeyId": "key-053144ee90adf15fa",
  "KeyFingerprint": "07:b3:8e:10:84:3b:03:c9:2c:1c:69:bc:03:fc:6d:04:3a:13:d0:73",
  "KeyName": "keycloudclass",
  "Tags": []
}
```

```
C:\Users\user\Downloads>jq-win64.exe ".KeyPairs[0].KeyName" f.json
"keycloudclass"
C:\Users\user\Downloads>aws ec2 describe-key-pairs --query "."

```

```
Bad value for --query .: invalid token: Parse error at column 0, token "." (DOT), for expression:
".
^
```

```
C:\Users\user\Downloads>aws ec2 describe-key-pairs --query "KeyPairs"
[
  {
    "KeyId": "key-053144ee90adf15fa",
    "KeyFingerprint": "07:b3:8e:10:84:3b:03:c9:2c:1c:69:bc:03:fc:6d:04:3a:13:d0:73",
    "KeyName": "keycloudclass",
    "Tags": []
  },
  {
    "KeyId": "key-08d3e6e9b3e8417e8",
    "KeyFingerprint": "7d:a9:a2:b5:f2:34:96:3f:39:b3:f8:ef:a6:3f:7c:18:88:d0:6f:7e",
    "KeyName": "mykey1111",
    "Tags": []
  }
]
```

```
C:\Users\user\Downloads>aws ec2 describe-key-pairs --query "KeyPairs[0].KeyName"
"keycloudclass"
```

```
C:\Users\user\Downloads>aws ec2 describe-key-pairs --query "KeyPairs[0:2].KeyName"
[
  "keycloudclass",
  "mykey1111"
]
```

```
C:\Users\user\Downloads>aws ec2 describe-key-pairs --query "KeyPairs[*].KeyName"
[
    "keycloudclass",
    "mykey1111"
]
```

```
C:\Users\user>aws ec2 describe-key-pairs --output yaml
```

```
KeyPairs:
```

- KeyFingerprint: 07:b3:8e:10:84:3b:03:c9:2c:1c:69:bc:03:fc:6d:04:3a:13:d0:73  
 KeyName: keycloudclass  
 KeyPairId: key-053144ee90adf15fa  
 Tags: []
- KeyFingerprint: 7d:a9:a2:b5:f2:34:96:3f:39:b3:f8:ef:a6:3f:7c:18:88:d0:6f:7e  
 KeyName: mykey1111  
 KeyPairId: key-08d3e6e9b3e8417e8  
 Tags: []

Screenshot of the AWS EC2 Management console (v2) showing the main dashboard. The sidebar includes options like New EC2 Experience, Savings Plans, Reserved Instances, Dedicated Hosts, Capacity Reservations, IMAGES (AMIs), ELASTIC BLOCK STORE (Volumes, Snapshots), and NETWORK & SECURITY (Security Groups). The Resources section displays the following resource counts:

Resource Type	Count
Running instances	0
Elastic IPs	0
Dedicated Hosts	0
Snapshots	0
Volumes	0
Load balancers	0
Key pairs	2
Security groups	2
Placement groups	0

The Account attributes sidebar shows:

- Supported platforms: VPC
- Default VPC: vpc-15f8e57d
- Settings
- EBS encryption
- Zones
- Console experiments

Below the dashboard, a taskbar shows several open windows: puttygen (1).exe, puttygen.exe, AWSCLIV2 (1).msi, jq-win64.exe, and a search bar.

Screenshot of the AWS EC2 Management console showing the "Create Volume" wizard. The form fields are as follows:

- Volume Type: General Purpose SSD (gp2)
- Size (GiB): 1 (Min: 1 GiB, Max: 16384 GiB)
- IOPS: 100 / 3000 (Baseline of 3 IOPS per GiB with a minimum of 100 IOPS, burstable to 3000 IOPS)
- Availability Zone\*: ap-south-1a
- Throughput (MB/s): Not applicable
- Snapshot ID: Select a snapshot
- Encryption:  Encrypt this volume

At the bottom, there are "Key" and "Value" input fields for custom metadata.

Taskbar at the bottom of the screen shows puttygen (1).exe, puttygen.exe, AWSCLIV2 (1).msi, jq-win64.exe, and a search bar.

Create Volume | EC2 Management | Date:2nd June - Google Docs | Hybrid Multi Cloud Computing | (1) Vishesh Garg | LinkedIn

← → ↗ ap-south-1.console.aws.amazon.com/ec2/v2/home?region=ap-south-1#CreateVolume:

Availability Zone\* ap-south-1a

Throughput (MB/s) Not applicable

Snapshot ID Select a snapshot

Encryption  Encrypt this volume

Key (128 characters maximum) Value (256 characters maximum)

Name myhardisk1

Add Tag 49 remaining (Up to 50 tags maximum)

\* Required Cancel Create Volume

Volumes | EC2 Management Con Date:2nd June - Google Docs | Hybrid Multi Cloud Computing | +

Feedback English (US)

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puttygen (1).exe puttygen.exe AWSCLIV2 (1).msi jq-win64.exe

Type here to search

New EC2 Experience Tell us what you think

Create Volume Actions

Filter by tags and attributes or search by keyword

Name	Volume ID	Size	Volume Type	IOPS	Snapshot	Created	Availability Zone	State
myhardisk1	vol-052bf858253c93d18	1 GiB	gp2	100		June 2, 2020 at 7:04 PM UTC+5:30	ap-south-1a	available

Volumes: vol-052bf858253c93d18 (myhardisk1)

Description Status Checks Monitoring Tags

Volume ID	vol-052bf858253c93d18	Alarm status	None
Size	1 GiB	Snapshot	-
Created	June 2, 2020 at 7:04:29 PM UTC+5:30	Availability Zone	ap-south-1a
State	available	Encryption	Not Encrypted
Attachment Information	Volume type	KMS Key ID	
	gp2	KMS Key Aliases	

Feedback English (US)

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puttygen (1).exe puttygen.exe AWSCLIV2 (1).msi jq-win64.exe

Type here to search

Screenshot of the AWS EC2 Management Console showing the Instances page.

The left sidebar shows navigation links for EC2 Dashboard, Instances (selected), Instance Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts (New), Capacity Reservations, and AMIs.

The main content area displays a table of instances:

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)
	i-09967a48050edee...	t2.micro	ap-south-1b	running	Initializing	None	ec2-52-66-147-163.ap...

A detailed view of the selected instance (i-09967a48050edee43) is shown below:

Description	Status Checks	Monitoring	Tags
Instance ID: i-09967a48050edee43	Public DNS (IPv4): ec2-52-66-147-163.ap-south-1.compute.amazonaws.com	IPv4 Public IP: 52.66.147.163	Elastic IPs: -
Instance state: running	IPv6 IPs: -	Finding: Opt-In to AWS Compute Optimizer for recommendations. Learn more	
Instance type: t2.micro			

Screenshot of the AWS EC2 Management Console showing the Volumes page.

The left sidebar shows navigation links for Dedicated Hosts (New), Capacity Reservations, AMIs, Bundle Tasks, ELASTIC BLOCK STORE (selected), Volumes, Snapshots, Lifecycle Manager, NETWORK & SECURITY (selected), Security Groups (New), Elastic IPs (New), Placement Groups (New), and Key Pairs (New).

The main content area displays a table of volumes:

Name	Volume ID	Size	Volume Type	IOPS	Snapshot	Created	Availability Zone	State	Alz
myharddisk1	vol-052bf858253c93d18	1 GiB	gp2	-	-	June 2, 2020 at 7:04:29 PM UTC+5:30	ap-south-1	available	No

An "Attach Volume" dialog box is open, showing the following details:

Volume	vol-052bf858253c93d18 (myharddisk1) in ap-south-1a
Instance	Search instance ID or Name tag
Device	No matching running or stopped instances were found in availability zone ap-south-1a.

Buttons: Cancel, Attach.

Manage tens to billions of objects in a few click with S3 Batch Operations. [Learn more »](#)

We've temporarily re-enabled the previous version of the S3 console while we continue to improve the new S3 console experience. [Switch to the new console.](#)

S3 buckets

Search for buckets

All access types

+ Create bucket Edit public access settings Empty Delete

0 Buckets 0 Regions

Feedback English (US)

Type here to search

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Instances | EC2 Management C Date:2nd June - Google Docs Software - Google Drive Vishesh Garg | LinkedIn aws s3 free limit - Google Search

aws.com/search?q=aws+s3+free+limit&oq=aws+s3+free+limit&aq=chrome.0.013.7930j07&sourceid=chrome&ie=UTF-8

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Google

aws s3 free limit

All News Videos Images Shopping More Settings Tools

About 1,05,00,000 results (0.56 seconds)

Get Started Now » AWS Free Tier Includes: 5 GB of Amazon S3 standard **storage** and 30 GB of Amazon EBS **Storage** for one year. Apr 18, 2018

forums.aws.amazon.com > thread

[AWS S3 Free Tier Clarification - AWS Developer Forums](#)

aws.amazon.com > s3 > pricing

[Amazon S3 Pricing - Amazon Web Services](#)

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aws.amazon.com > free

[AWS Free Tier](#)

Explore more than 60 products and start building on **AWS** using the **free tier**. Three different types of **free** offers are ... Amazon **S3** - 5 GB. of standard storage.

Instances | EC2 Management Console | i-09967a48050edee43 (mywebserver) | EC2 Instance Connect - Google Chrome

← → 🔍 ap-south-1.console.aws.amazon.com/ec2/v2/connect/ec2-user/i-09967a48050edee43

aws Services

New EC2 Experience Tell us what you think

EC2 Dashboard New

Events New

Tags

Reports

Limits

INSTANCES Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts New

Capacity Reservations

IMAGES AMIs

i-09967a48050edee43 (mywebserver)

```
https://aws.amazon.com/amazon-linux-2/
[ec2-user@ip-172-31-6-87 ~]$ sudo su - root
[root@ip-172-31-6-87 ~]# yum install httpd
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
Resolving Dependencies
--> Running transaction check
-->> Package httpd.x86_64 0:2.4.43-1.amzn2 will be installed
-->> Processing Dependency: httpd-tools = 2.4.43-1.amzn2 for package: httpd-2.4.43-1.amzn2.x86_64
-->> Processing Dependency: httpd-filesystem = 2.4.43-1.amzn2 for package: httpd-2.4.43-1.amzn2.x86_64
-->> Processing Dependency: system-logos-httpd for package: httpd-2.4.43-1.amzn2.x86_64
-->> Processing Dependency: mod_http2 for package: httpd-2.4.43-1.amzn2.x86_64
-->> Processing Dependency: httpd-filesystem for package: httpd-2.4.43-1.amzn2.x86_64
-->> Processing Dependency: /etc/mime.types for package: httpd-2.4.43-1.amzn2.x86_64
-->> Processing Dependency: libaprutil-1.so.0()(64bit) for package: httpd-2.4.43-1.amzn2.x86_64
-->> Processing Dependency: libapr-1.so.0()(64bit) for package: httpd-2.4.43-1.amzn2.x86_64
-->> Running transaction check
-->>> Package apr.x86_64 0:1.6.3-5.amzn2.0.2 will be installed
-->>> Package apr-util.x86_64 0:1.6.1-5.amzn2.0.2 will be installed
-->> Processing Dependency: apr-util-bdb(x86-64) = 1.6.1-5.amzn2.0.2 for package: apr-
```

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Feedback English

Date: 2nd June - Google Docs | Software - Google Drive | LinkedIn

ENG 7:41 PM IN 6/2/2020 [18]

EC2 Management Console | ap-south-1.console.aws.amazon.com/ec2/v2/home?region=ap-south-1#SecurityGroup:group-id=sg-01d9b4666c01c348f

AMIs

Bundle Tasks

ELASTIC BLOCK STORE Volumes

Snapshots

Lifecycle Manager

NETWORK & SECURITY Security Groups New

Elastic IPs New

Placement Groups New

Key Pairs New

Network Interfaces

LOAD BALANCING Load Balancers

Security group name: launch-wizard-2

Security group ID: sg-01d9b4666c01c348f

Description: launch-wizard-2 created 2020-06-02T19:17:36.396+05:30

VPC ID: vpc-15f8e57d

Owner: 410914255776

Inbound rules count: 2 Permission entries

Outbound rules count: 1 Permission entry

Inbound rules

Type	Protocol	Port range	Source	Description - optional
HTTP	TCP	80	0.0.0.0/0	-
SSH	TCP	22	0.0.0.0/0	-

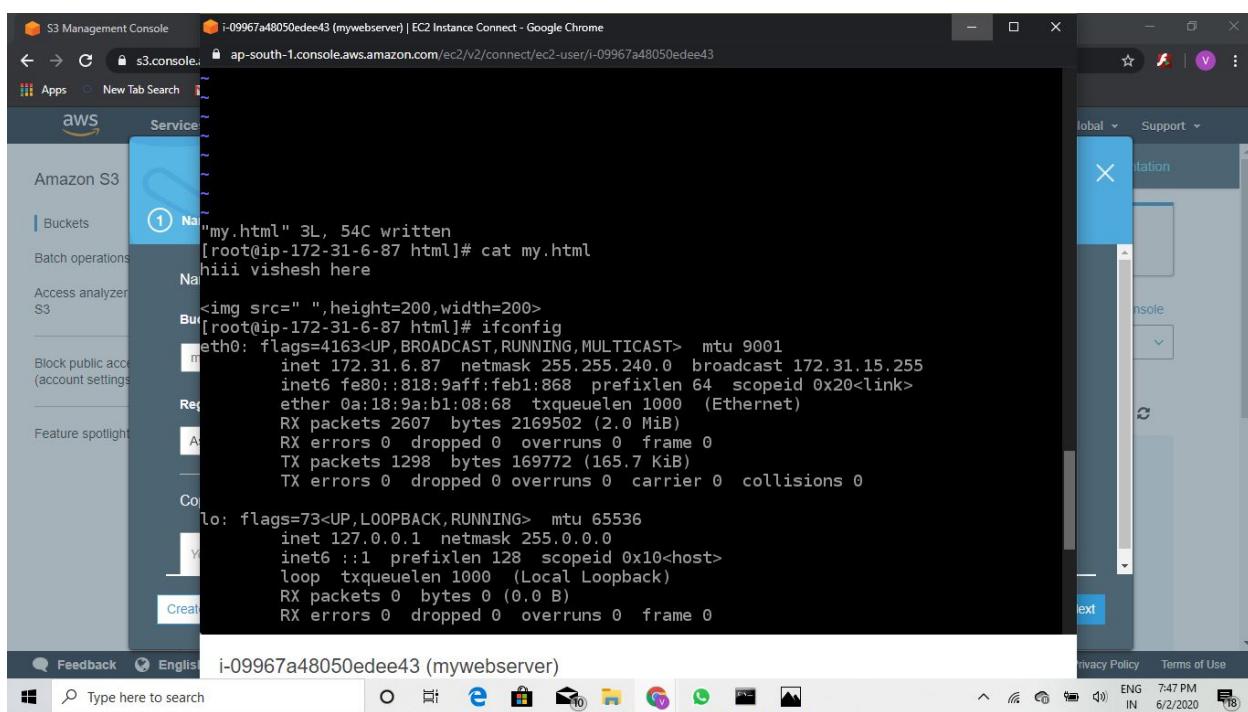
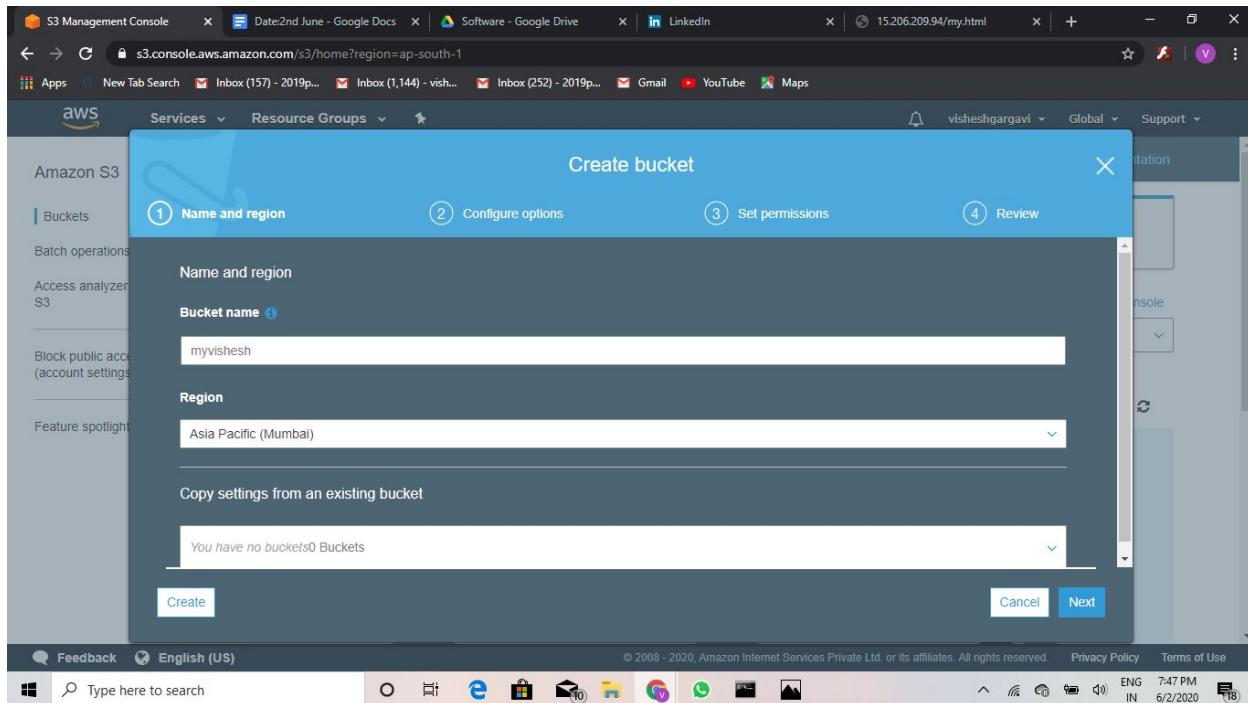
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Feedback English (US)

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ENG 7:43 PM IN 6/2/2020 [18]



S3 Management Console Date:2nd June - Google Docs Software - Google Drive LinkedIn 15.206.209.94/my.html

s3.console.aws.amazon.com/s3/home?region=ap-south-1

Amazon S3

Buckets Batch operations Access analyzer for S3 Block public access (account settings) Feature spotlight

Manage tens to billions of objects in a few click with S3 Batch Operations. Learn more »

We've temporarily re-enabled the previous version of the S3 console while we continue to improve the new S3 console experience. Switch to the new console.

S3 buckets

+ Create bucket Edit public access settings Empty Delete

1 Buckets 1 Regions

Bucket name	Access	Region	Date created
myvishesh	Bucket and objects not public	Asia Pacific (Mumbai)	Jun 2, 2020 7:48:58 PM GMT+0530

Waiting for phd.aws.amazon.com English (US) © 2008 - 2020, Amazon Internet Services Private Ltd, or its affiliates. All rights reserved. Privacy Policy Terms of Use

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S3 Management Console Date:2nd June - Google Docs Software - Google Drive LinkedIn 15.206.209.94/my.html

s3.console.aws.amazon.com/s3/buckets/myvishesh/?region=ap-south-1&tab=overview

Amazon S3 myvishesh

Upload

① Select files ② Set permissions ③ Set properties ④ Review

To upload a file larger than 160 GB, use the AWS CLI, AWS SDK, or Amazon S3 REST API. Learn more

Drag and drop files and folders here OR

Upload

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Type here to search

**Owner**  
ee5a3a6e97b45047a93b9a3100ec1daeb1dd15bff6a8eac799e72367ce39541b

**Last modified**  
Jun 2, 2020 7:50:54 PM GMT+0530

**Etag**  
05d4da297f1c9f9802036cf2b5e8ebdc

**Storage class**  
Standard

**Server-side encryption**  
None

**Size**  
110.9 KB

**Key**  
WhatsApp Image 2020-06-01 at 8.27.14 PM.jpeg

**Object URL**  
<https://myvishesh.s3.ap-south-1.amazonaws.com/WhatsApp+Image+2020-06-01+at+8.27.14+PM.jpeg>

**Operations**    0 In progress    1 Success    0 Error

**Feedback**   **English (US)**

Type here to search

**S3 Management Console**   **Date:2nd June - Google Docs**   **Software - Google Drive**   **LinkedIn**   **15.206.209.94/my.html**

**Amazon S3** > **myvishesh** > **WhatsApp Image 2020-06-01 at 8.27.14 PM.jpeg**

**WhatsApp Image 2020-06-01 at 8.27.14 PM.jpeg**   **Latest version**

**Overview**   **Properties**   **Permissions**   **Select from**

**Open**   **Download**   **Download as**   **Make public**   **Copy path**

**Owner**  
ee5a3a6e97b45047a93b9a3100ec1daeb1dd15bff6a8eac799e72367ce39541b

**Last modified**  
Jun 2, 2020 7:50:54 PM GMT+0530

**Etag**  
05d4da297f1c9f9802036cf2b5e8ebdc

**Storage class**  
Standard

**Server-side encryption**  
None

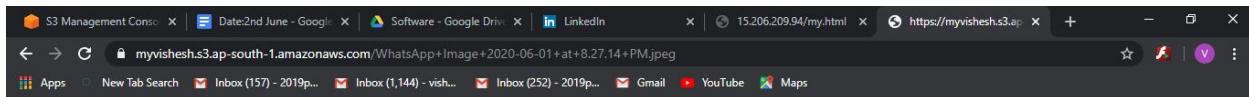
**Operations**    0 In progress    1 Success    0 Error

**Feedback**   **English (US)**

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ENG 7:51 PM IN 6/2/2020 [18]



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>D4003CD67D04A552</RequestId>
<HostId>659wqq4LraUsDGNNjneQovr5ohsUokOzx7NpydrNw5LU/lgyy+kaEBatCKoIBJXFe3OGYjAGCc4M</HostId>
</Error>
```



```
C:\Users\user\Desktop\cloud>aws s3 ls
2020-06-02 20:00:53 myvishesh
```

```
C:\Users\user\Desktop\cloud>aws s3 ls s3://myvishesh
2020-06-02 19:50:54    113540 WhatsApp Image 2020-06-01 at 8.27.14 PM.jpeg
```

```
C:\Users\user\Desktop\cloud>aws s3 ls jp-win64.exe s3://myvishesh
```

```
Unknown options: s3://myvishesh
```

```
C:\Users\user\Desktop\cloud>cd ../../
```

```
C:\Users\user>cd Downloads
```

```
C:\Users\user\Downloads>aws s3 ls jp-win64.exe s3://myvishesh
```

```
Unknown options: s3://myvishesh
```

```
C:\Users\user\Downloads>aws s3 cp jp-win64.exe s3://myvishesh
```

```
The user-provided path jp-win64.exe does not exist.
```

```
C:\Users\user\Downloads>aws s3 cp jq-win64.exe s3://myvishesh
upload: .jq-win64.exe to s3://myvishesh/jq-win64.exe
```

```
C:\Users\user\Downloads>aws s3 cp jq-win64.exe s3://myvishesh --acl public-read upload:  
.jq-win4.exe to s3/myvishesh/jq-win64.exe
```

Unknown options: upload:.,jq-win4.exe,to,s3/myvishesh/jq-win64.exe

```
C:\Users\user\Downloads>aws s3api put-bucket-policy help
```

```
put-bucket-policy  
^^^^^^^^^^^^^^^^^
```

#### Description

\*\*\*\*\*

Applies an Amazon S3 bucket policy to an Amazon S3 bucket. If you are using an identity other than the root user of the AWS account that owns the bucket, the calling identity must have the "PutBucketPolicy" permissions on the specified bucket and belong to the bucket owner's account in order to use this operation.

If you don't have "PutBucketPolicy" permissions, Amazon S3 returns a "403 Access Denied" error. If you have the correct permissions, but you're not using an identity that belongs to the bucket owner's account, Amazon S3 returns a "405 Method Not Allowed" error.

Warning: As a security precaution, the root user of the AWS account that owns a bucket can always use this operation, even if the policy explicitly denies the root user the ability to perform this action.

For more information about bucket policies, see [Using Bucket Policies and User Policies](#).

The following operations are related to "PutBucketPolicy":

```
* CreateBucket  
^C
```

```
C:\Users\user\Downloads>aws s3api put-bucket-policy help
```

S3 Management Console | Date: 2nd June - Google Drive | Software - Google Drive | LinkedIn | 15.206.209.94/my.html | https://myvisheshs3.ap... | +

s3.console.aws.amazon.com/s3/object/myvishesh/WhatsApp%2520Image%25202020-06-01%2520at%25208.27.14%2520PM.jpeg?region=ap-south-1&tab=permissions

aws Services Resource Groups

ee5a3a6e97b45047a93b9a3100ec1daeb1dd Yes Yes Yes  
15bf6a8eac799e72367ce39541b (Your AWS account)

Access for other AWS accounts

+ Add account Delete

Canonical ID Read object Read object permissions

Everyone

Everyone will have access to one or all of the following: read this object, read and write permissions.

Access to the object

Read object

Access to this object's ACL

Read object permissions

Write object permissions

Cancel Save

Public access

The block public access settings turned on for this bucket prevent granting public access.

Group Read object Read object permissions

Everyone

Operations 0 In progress 1 Success 0 Error

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Type here to search

S3 Management Console | Date: 2nd June - Google Drive | Software - Google Drive | LinkedIn | 15.206.209.94/my.html | https://myvisheshs3.ap... | +

s3.console.aws.amazon.com/s3/object/myvishesh/WhatsApp%2520Image%25202020-06-01%2520at%25208.27.14%2520PM.jpeg?region=ap-south-1&tab=permissions

aws Services Resource Groups

ee5a3a6e97b45047a93b9a3100ec1daeb1dd Yes Yes Yes  
15bf6a8eac799e72367ce39541b (Your AWS account)

Access for other AWS accounts

+ Add account Delete

Canonical ID Read object Read object permissions

Everyone

Everyone will have access to one or all of the following: read this object, read and write permissions.

Access to the object

Read object

Access to this object's ACL

Read object permissions

Write object permissions

Cancel Save

Public access

The block public access settings turned on for this bucket prevent granting public access.

Group Read object Read object permissions

Everyone

Operations 0 In progress 1 Success 0 Error

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Type here to search

The screenshot shows the AWS S3 Management Console. On the left, there's a sidebar with options like Buckets, Batch operations, Access analyzer for S3, and Block public access (account settings). The main area displays a message about re-enabling the previous version of the S3 console. Below that is a section for 'S3 buckets' with a search bar and buttons for '+ Create bucket', 'Edit public access settings', 'Empty', and 'Delete'. A list of buckets shows one named 'myvishesh' selected. A modal window titled 'myvishesh' is open, showing the 'Properties' tab with details such as Events (0 Active notifications), Versioning (Disabled), MFA delete (Disabled), Logging (Disabled), Static web hosting (Disabled), Tags (0 Tags), Requester pays (Disabled), Object lock (Disabled), and Transfer acceleration (Disabled). The 'Permissions' tab shows the Owner as 'vishesh8199' and Block public access as 'Enabled'. The bottom of the screen shows a Windows taskbar with various icons and a system tray indicating the date and time.

This screenshot shows a modal dialog titled 'Edit block public access settings for selected buckets'. It displays a message stating 'Total buckets: 1 (Public: 0)'. Below this, the 'Block public access (bucket settings)' section is shown. It contains a note about how public access is granted through ACLs, bucket policies, and access point policies. Under the 'Block all public access' heading, there's a checkbox that is checked. Below it, another checkbox is also checked, labeled 'Block public access to buckets and objects granted through new access control lists (ACLs)'. At the bottom right of the dialog are 'Cancel' and 'Save' buttons. The background of the screenshot shows the same AWS S3 interface as the first one, with the 'myvishesh' bucket selected. The Windows taskbar at the bottom is identical to the first screenshot.

S3 Management Console Date:2nd June - Google 2ndJune2020 - Google Untitled document - Go LinkedIn https://myvisheshs3.ap... +

s3.console.aws.amazon.com/s3/object/myvishesh/WhatsApp%2520Image%25202020-06-01%2520at%25208.27.14%2520PM.jpeg?region=ap-south-1&tab=overview

Amazon S3 > myvishesh > WhatsApp Image 2020-06-01 at 8.27.14 PM.jpeg Latest version ▾

Overview Properties Permissions Select from

Open Download Download as Make public Copy path

**Owner** ee5a3a6e97b45047a93b9a3100ec1daeb1dd15bff6a8eac799e72367ce39541b

**Last modified** Jun 2, 2020 7:50:54 PM GMT+0530

**Etag** 05d4da297f1c9f9802036cf2b5e8ebdc

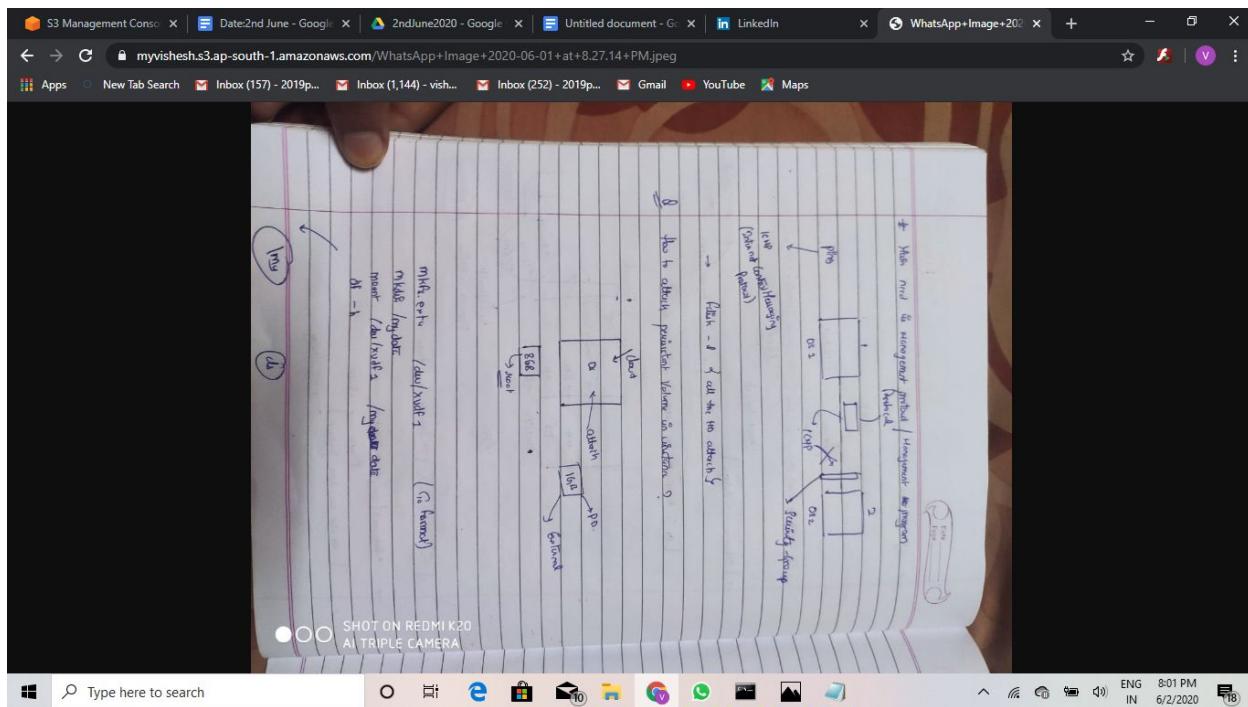
**Storage class** Standard

**Server-side encryption** None

Operations 0 In progress 1 Success 0 Error

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Type here to search ENG 8:01 PM IN 6/2/2020 18



The screenshot shows a terminal session titled "i-09967a48050edee43 (mywebserver) | EC2 Instance Connect - Google Chrome". The message "hiii vishesh here" is displayed in the terminal window. The background shows the AWS EC2 Management Console with the "Instances" section selected, displaying a list of instances.

**AWS EC2 Management Console**

**i-09967a48050edee43 (mywebserver) | EC2 Instance Connect - Google Chrome**

hiii vishesh here

aws Service

New EC2 Experience Tell us what you think

EC2 Dashboard New

Events New

Tags

Reports

Limits

INSTANCES Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts New

Capacity Reservations

IMAGES AMIs

-- INSERT --

3,101 All

Feedback English i-09967a48050edee43 (mywebserver)

Type here to search

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8:05 PM ENG IN 6/2/2020 18

The screenshot shows the AWS S3 Management Console with the "myvishesh" bucket selected. Two files are listed: "WhatsApp Image 2020-06-01 at 8.27.14 PM.jpeg" and "jq-win64.exe".

**S3 Management Console**

**s3.console.aws.amazon.com/s3/buckets/myvishesh/?region=ap-south-1&tab=overview**

Feedback English

Type here to search

Amazon S3 > myvishesh

myvishesh

Overview Properties Permissions Management Access points

Q Type a prefix and press Enter to search. Press ESC to clear.

Upload + Create folder Download Actions

Asia Pacific (Mumbai)

Viewing 1 to 2

Name	Last modified	Size	Storage class
WhatsApp Image 2020-06-01 at 8.27.14 PM.jpeg	Jun 2, 2020 7:50:54 PM GMT+0530	110.9 KB	Standard
jq-win64.exe	Jun 2, 2020 8:08:42 PM GMT+0530	3.4 MB	Standard

Viewing 1 to 2

Feedback English (US)

Type here to search

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8:11 PM ENG IN 6/2/2020 18

The screenshot shows the AWS CloudTrail Management Console. The left sidebar includes links for CloudTrail, Dashboard, Event history (which is selected), Insights, Trails, Learn more, Pricing, Documentation, Forums, and FAQs. The main content area displays the 'Event history' section, which contains a message about viewing activities taken by people, groups, or AWS services. It also notes that you can view the last 90 days of events. Below this is a table showing event details:

Event time	User name	Event name	Resource type	Resource name
2020-06-02, 07:48:58 PM	root	PutBucketPublicAccessBlock	S3 Bucket	myvishesh
2020-06-02, 07:48:58 PM	root	CreateBucket	S3 Bucket	myvishesh
2020-06-02, 07:42:56 PM	root	AuthorizeSecurityGroupIngress	EC2 SecurityGroup	sg-01d9b466cc
2020-06-02, 07:39:47 PM	root	SendSSHPublicKey	EC2 Instance	i-09967aa48050
2020-06-02, 07:38:06 PM	root	CreateTags		i-09967aa48050
2020-06-02, 07:37:21 PM	root	StartInstances	EC2 Instance	i-09967aa48050

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The screenshot shows the AWS CloudTrail Management Console dashboard. The left sidebar includes links for CloudTrail, Dashboard (which is selected), Event history, Insights, Trails, Learn more, Pricing, Documentation, Forums, and FAQs. A prominent message at the top states: 'The new CloudTrail console experience is now available. We've redesigned the CloudTrail console to make it easier to use. Try out the new console.' Below this, the 'Welcome to CloudTrail' section provides an overview of what CloudTrail can do, such as viewing events, creating trails, and creating event metrics. The 'Recent events' section shows a table of recent activity:

Event time	User name	Event name	Resource type
2020-06-02, 08:01:26 PM	root	SendSSHPublicKey	EC2 Instance
2020-06-02, 08:00:52 PM	root	PutBucketPublicAccessBlock	S3 Bucket
2020-06-02, 07:48:58 PM	root	PutBucketPublicAccessBlock	S3 Bucket

What's new (1) May 13, 2020 New AWS CloudTrail console simplifies trail creation and management View all updates

Feedback English (US) © 2008 - 2020, Amazon Internet Services Private Ltd. or its affiliates. All rights reserved. Privacy Policy Terms of Use ENG 8:17 PM IN 6/2/2020 [18]

Screenshot of the AWS CloudTrail Management Console showing the 'Create Trail' configuration page.

The 'Trail name' field contains 'myEventtos3'. The 'Apply trail to all regions' section has 'No' selected. Under 'Management events', 'Read/Write events' is set to 'All'. Under 'Insights events', 'Log Insights events' is set to 'No'.

Screenshot of the AWS CloudTrail Management Console showing the 'Create Trail' configuration page.

The 'Read/Write events' section has 'All' selected. Under 'Insights events', 'Log Insights events' is set to 'No'. Under 'Data events', 'S3' is selected. A note states: 'You can record S3 object-level API activity (for example, GetObject and PutObject) for individual buckets, or for all current and future buckets in your AWS account. Additional charges apply. Learn more'

Screenshot of the AWS CloudTrail Management Console showing the 'Create Trail' configuration page.

The 'S3' tab is selected under 'Data events'. A note states: 'You can record S3 object-level API activity (for example, GetObject and PutObject) for individual buckets, or for all current and future buckets in your AWS account. Additional charges apply. Learn more'

The screenshot shows the AWS CloudTrail Management Console. On the left sidebar, under the 'Trails' section, the 'Add S3 bucket' option is selected. In the main content area, there is a form to create a new S3 bucket. The 'Bucket name' field contains 'myvishesh'. Below the form, there is a 'Tags' section with a table for adding key-value pairs.

Key	Value

This screenshot is identical to the one above, but the 'Bucket name' field now contains 'mycloudtraillog1111'. The rest of the interface and the underlying code remain the same.

CloudTrail Management Console | Date: 2nd June - Google Docs | 2ndJune2020 - Google Drive | Vishesh Garg | LinkedIn | WhatsApp+Image+2020-06-0 | +

CloudTrail Management Console | ap-south-1.console.aws.amazon.com/cloudtrail/home?region=ap-south-1#/configuration

CloudTrail

The new CloudTrail console experience is now available  
We've redesigned the CloudTrail console to make it easier to use. Try out the new console.

Trails

Deliver logs to an Amazon S3 bucket. CloudTrail events can be processed by one trail for free. There is a charge for processing events with additional trails. For more information, see [AWS CloudTrail Pricing](#).

Create trail

Trail name	Home region	Multi-region trail	Insights	Organization trail	S3 bucket	Log file prefix	CloudWatch Logs Log group	Status
myEventt os3	Asia Pacific (Mumbai)	No	Disabled	No	mycloudtraillog1111			

Learn more

Pricing ↗

Documentation ↗

Forums ↗

FAQs ↗

Use the new console

Feedback English (US)

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S3 Management Console | Date: 2nd June - Google Docs | 2ndJune2020 - Google Drive | Vishesh Garg | LinkedIn | WhatsApp+Image+2020-06-0 | +

S3 Management Console | s3.console.aws.amazon.com/s3/home?region=ap-south-1

Amazon S3

Buckets

Batch operations

Access analyzer for S3

Block public access (account settings)

Feature spotlight 2

Manage tens to billions of objects in a few click with S3 Batch Operations. [Learn more](#) »

We've temporarily re-enabled the previous version of the S3 console while we continue to improve the new S3 console experience. [Switch to the new console](#).

S3 buckets

Discover the console

+ Create bucket Edit public access settings Empty Delete

Bucket name	Access	Region	Date created
mycloudtraillog1111	Objects can be public	Asia Pacific (Mumbai)	Jun 2, 2020 8:22:05 PM GMT+0530
myvishesh	Objects can be public	Asia Pacific (Mumbai)	Jun 2, 2020 7:48:58 PM GMT+0530

Feedback English (US)

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The screenshot shows the AWS S3 Management Console interface. The top navigation bar includes tabs for S3 Management Console, Date:2nd June - Google Docs, 2ndJune2020 - Google Drive, Vishesh Garg | LinkedIn, WhatsApp+Image+2020-06-0, and a New Tab. The main content area shows the 'mycloudtraillog1111' bucket. The 'Properties' tab is selected. A search bar at the top says 'Type a prefix and press Enter to search. Press ESC to clear.' Below it are buttons for Upload, Create folder, Download, and Actions. The region is set to Asia Pacific (Mumbai). The table lists one object: 'AWSLogs' with a checkmark next to its name. The table headers are Name, Last modified, Size, and Storage class. The status bar at the bottom indicates 'Viewing 1 to 1'.

This screenshot continues from the previous one, showing the contents of the 'AWSLogs' folder within the 'mycloudtraillog1111' bucket. The 'CloudTrail-Digest' file is listed. The navigation path is Amazon S3 > mycloudtraillog1111 > AWSLogs > 410914255776 > CloudTrail-Digest. The 'Overview' tab is selected. A search bar at the top says 'Type a prefix and press Enter to search. Press ESC to clear.' Below it are buttons for Upload, Create folder, Download, and Actions. The region is set to Asia Pacific (Mumbai). The status bar at the bottom indicates 'There are no objects under this path.'

The screenshot shows the AWS S3 Management Console interface. The top navigation bar includes tabs for S3 Management Console, Date:2nd June - Google Docs, 2ndJune2020 - Google Drive, Vishesh Garg | LinkedIn, WhatsApp+Image+2020-06-0, and several other browser tabs. The main navigation bar has links for AWS Services, Resource Groups, and Support. The user is signed in as visheshgargavi. The current view is the Overview of the 'mycloudtraillog1111' bucket under the AWSLogs folder. The bucket contains two objects: 'CloudTrail-Digest' and 'CloudTrail'. The 'CloudTrail' object is selected. The region is set to Asia Pacific (Mumbai).

```
C:\Users\user\Downloads>aws cloudtrail describe-trails
{
  "trailList": [
    {
      "Name": "myEventtos3",
      "S3BucketName": "mycloudtraillog1111",
      "IncludeGlobalServiceEvents": true,
      "IsMultiRegionTrail": false,
      "HomeRegion": "ap-south-1",
      "TrailARN": "arn:aws:cloudtrail:ap-south-1:410914255776:trail/myEventtos3",
      "LogFileValidationEnabled": true,
      "HasCustomEventSelectors": false,
      "HasInsightSelectors": false,
      "IsOrganizationTrail": false
    }
  ]
}
```

```
C:\Users\user\Downloads>aws cloudtrail describe-trails --query
"trailList[0].[S3BucketName,Name]"
[
  "mycloudtraillog1111",
  "myEventtos3"
]
```

The screenshot shows the AWS S3 Management Console with a file named '410914255776\_CloudTrail\_ap-south-1\_20200602T1445Z\_0tIEyeNhPy5Etpx.json.gz' selected. The file details are as follows:

- Owner**: 361bd2122fc9fc14028f71099415497160d1c4521906aba4ef590b0fab39151b
- Last modified**: Jun 2, 2020 8:26:03 PM GMT+0530
- Etag**: 67f4530a962e60ecc6576590a357fa8b
- Storage class**: Standard
- Server-side encryption**: AES-256
- Size**: 1.5 KB
- Key**: AWSLogs/410914255776/CloudTrail/ap-south-1/2020/06/02/410914255776\_CloudTrail\_ap-south-1\_20200602T1445Z\_0tIEyeNhPy5Etpx.json.gz
- Object URL**: [https://mycloudtraillog111.s3.ap-south-1.amazonaws.com/AWSLogs/410914255776/CloudTrail/ap-south-1/2020/06/02/410914255776\\_CloudTrail\\_ap-south-1\\_20200602T1445Z\\_0tIEyeNhPy5Etpx.json.gz](https://mycloudtraillog111.s3.ap-south-1.amazonaws.com/AWSLogs/410914255776/CloudTrail/ap-south-1/2020/06/02/410914255776_CloudTrail_ap-south-1_20200602T1445Z_0tIEyeNhPy5Etpx.json.gz)

The screenshot shows the AWS S3 Management Console with the 'mycloudtraillog111' bucket selected. The 'Overview' tab is active. The file listing shows one item:

Name	Last modified	Size	Storage class
410914255776_CloudTrail_ap-south-1_20200602T1445Z_0tIEyeNhPy5Etpx.json.gz	Jun 2, 2020 8:26:03 PM GMT+0530	1.5 KB	Standard

C:\Users\user>cd Downloads

```
C:\Users\user\Downloads>ssh -l ec2-user 13.235.81.7 -i mykey1111.pem
```

```
Last login: Tue Jun 2 15:04:25 2020 from 157.37.131.35
```

```
Last login: Tue Jun 2 15:04:25 2020 from 157.37.131.35
```

```
_| _|_)
```

```
_| ( / Amazon Linux 2 AMI  
__\_\_\_
```

```
https://aws.amazon.com/amazon-linux-2/  
[ec2-user@ip-172-31-6-87 ~]$ cd /var/www/html  
[ec2-user@ip-172-31-6-87 html]$ ls  
my.html  
[ec2-user@ip-172-31-6-87 html]$ cat my.html  
hiii vishesh here
```

```
  
[ec2-user@ip-172-31-6-87 html]$ cat >> my.html  
-bash: my.html: Permission denied  
[ec2-user@ip-172-31-6-87 html]$ cat > my.html  
-bash: my.html: Permission denied  
[ec2-user@ip-172-31-6-87 html]$ yum install cat  
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd  
You need to be root to perform this command.  
[ec2-user@ip-172-31-6-87 html]$ sudo su - root  
Last login: Tue Jun  2 14:10:03 UTC 2020 on pts/0  
[root@ip-172-31-6-87 ~]# cd /var/www/html  
[root@ip-172-31-6-87 html]# ls  
my.html  
[root@ip-172-31-6-87 html]# cat >> my.html  
  
[root@ip-172-31-6-87 html]# cat my.html  
hiii vishesh here
```

```
  
  
[root@ip-172-31-6-87 html]# systemctl status httpd  
● httpd.service - The Apache HTTP Server  
  Loaded: loaded (/usr/lib/systemd/system/httpd.service; disabled; vendor preset: disabled)  
  Active: inactive (dead)  
    Docs: man:httpd.service(8)  
[root@ip-172-31-6-87 html]# systemctl start httpd  
[root@ip-172-31-6-87 html]# systemctl status httpd  
● httpd.service - The Apache HTTP Server  
  Loaded: loaded (/usr/lib/systemd/system/httpd.service; disabled; vendor preset: disabled)
```

Active: active (running) since Tue 2020-06-02 15:10:07 UTC; 2s ago

Docs: man:httpd.service(8)

Main PID: 3508 (httpd)

Status: "Processing requests..."

CGroup: /system.slice/httpd.service

```
└─3508 /usr/sbin/httpd -DFOREGROUND
   ├─3509 /usr/sbin/httpd -DFOREGROUND
   ├─3510 /usr/sbin/httpd -DFOREGROUND
   ├─3511 /usr/sbin/httpd -DFOREGROUND
   ├─3512 /usr/sbin/httpd -DFOREGROUND
   └─3513 /usr/sbin/httpd -DFOREGROUND
```

Jun 02 15:10:07 ip-172-31-6-87.ap-south-1.compute.internal systemd[1]: Starting The Apache HTTP Server...

Jun 02 15:10:07 ip-172-31-6-87.ap-south-1.compute.internal systemd[1]: Started The Apache HTTP Server.

