

[Try it now!](#)

- ## Step 1: Choose an Amazon Machine Image (AMI)

Search for an AML by entering a search term e.g. "Windows" X

1 to 45 of 45 AMIs

- My AMIs
- AWS Marketplace
- Community AMIs

☐ Free tier only ⓘ



Select

☒ 64-bit (x86)

Amazon Linux
Free tier eligible

Select

☒ 64-bit (x86)

Step 2: Choose an Instance Type

Amazon EC2 provides a wide selection of instance types optimized to fit different use cases. Instances are virtual servers that can run applications. They have varying combinations of CPU, memory, storage, and networking capacity, and give you the flexibility to choose the appropriate mix of resources for your applications. [Learn more](#) about instance types and how they can meet your computing needs.

Filter by: All instance families Current generation [Show/Hide Columns](#)

Currently selected: t2.micro (- ECUs, 1 vCPUs, 2.5 GHz, -, 1 GiB memory, EBS only)

	Family	Type	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance	IPv6 Support
<input type="checkbox"/>	t2	t2.nano	1	0.5	EBS only	-	Low to Moderate	Yes
<input checked="" type="checkbox"/>	t2	t2.micro Free tier eligible	1	1	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	t2	t2.small	1	2	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	t2	t2.medium	2	4	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	t2	t2.large	2	8	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	t2	t2.xlarge	4	16	EBS only	-	Moderate	Yes

Cancel

[Previous](#)

Review and Launch

Next: Configure Instance Details

 ec2-user@ip-172-31-94-123:~

```
Using username "ec2-user".
```

```
Authenticating with public key "imported-openssh-key"
```

```

_ | _ | _ )
_ | ( _ / Amazon Linux 2 AMI
 | \ | |

```

<https://aws.amazon.com/amazon-linux-2/>

```
No packages needed for security; 1 packages available
```

Run "sudo yum update" to apply all updates.

```
[ec2-user@ip-172-31-94-123 ~]$
```

root@ip-172-31-94-123:~

Using username "ec2-user".

Authenticating with public key "imported-openssh-key"

||)

|(|_/

||_|

Amazon Linux 2 AMI

https://aws.amazon.com/amazon-linux-2/

No packages needed for security; 1 packages available

Run "sudo yum update" to apply all updates.

[ec2-user@ip-172-31-94-123 ~]\$ sudo -i

[root@ip-172-31-94-123 ~]# java version

-bash: java: command not found

[root@ip-172-31-94-123 ~]# java -version

-bash: java: command not found

[root@ip-172-31-94-123 ~]# sudo rpm --import https://yum.corretto.aws/corretto.key

[root@ip-172-31-94-123 ~]# sudo curl -L -o /etc/yum.repos.d/corretto.repo https://yum.corretto.aws/corretto.repo

% Total	% Received	% Xferd	Average Speed	Time	Time	Time	Current
			Dload	Upload	Total	Spent	Left
100	147	100	147	0	0	7626	0

--:--:-- --:--:-- --:--:-- 7736

[root@ip-172-31-94-123 ~]# sudo yum install -y java-11-amazon-corretto-devel

Loaded plugins: extras_suggestions, langpacks, priorities, update-motd

AmazonCorretto

amzn2-core

AmazonCorretto/x86_64/primary.db

3 packages excluded due to repository priority protections

Resolving Dependencies

--> Running transaction check

---> Package java-11-amazon-corretto-devel.x86_64 1:11.0.14.10-1 will be installed

--> Finished Dependency Resolution

Dependencies Resolved

Package	Arch	Version	Repository	Size
Installing:				
java-11-amazon-corretto-devel	x86_64	1:11.0.14.10-1	AmazonCorretto	185 M

Transaction Summary

Install 1 Package

Total download size: 185 M

Installed size: 309 M

Downloading packages:

java-11-amazon-corretto-devel-11.0.14.10-1.x86_64.rpm

Running transaction check

Running transaction test

Transaction test succeeded

U: 0.00 kB/s

D: 0.00 kB/s

23°C

ENG

23:03

08-03-2022

22

```
root@ip-172-31-94-123:~  
Run "sudo yum update" to apply all updates.  
[ec2-user@ip-172-31-94-123 ~]$ sudo -i  
[root@ip-172-31-94-123 ~]# java version  
-bash: java: command not found  
[root@ip-172-31-94-123 ~]# java -version  
-bash: java: command not found  
[root@ip-172-31-94-123 ~]# sudo rpm --import https://yum.corretto.aws/corretto.key  
[root@ip-172-31-94-123 ~]# sudo curl -L -o /etc/yum.repos.d/corretto.repo https://yum.corretto.aws/corretto.repo  
% Total % Received % Xferd Average Speed Time Time Time Current  
Dload Upload Total Spent Left Speed  
100 147 100 147 0 0 7626 0 --:--:-- --:--:-- --:--:-- 7736  
[root@ip-172-31-94-123 ~]# sudo yum install -y java-11-amazon-corretto-devel  
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd  
AmazonCorretto | 2.9 kB 00:00:00  
amzn2-core | 3.7 kB 00:00:00  
AmazonCorretto/x86_64/primary_db | 38 kB 00:00:00  
3 packages excluded due to repository priority protections  
Resolving Dependencies  
--> Running transaction check  
--> Package java-11-amazon-corretto-devel.x86_64 1:11.0.14.10-1 will be installed  
--> Finished Dependency Resolution  
  
Dependencies Resolved  
  
=====
```

Package	Arch	Version	Repository	Size
Installing:				
java-11-amazon-corretto-devel	x86_64	1:11.0.14.10-1	AmazonCorretto	185 M

```
=====
```

Transaction Summary	
Install	1 Package

```
=====
```

Total download size: 185 M	
Installed size: 309 M	
Downloading packages:	
java-11-amazon-corretto-devel-11.0.14.10-1.x86_64.rpm	185 MB 00:00:02
Running transaction check	
Running transaction test	
Transaction test succeeded	
Running transaction	
Installing : 1:java-11-amazon-corretto-devel-11.0.14.10-1.x86_64	1/1
Verifying : 1:java-11-amazon-corretto-devel-11.0.14.10-1.x86_64	1/1

```
=====
```

Installed:	
java-11-amazon-corretto-devel.x86_64 1:11.0.14.10-1	

```
=====
```

Complete!
[root@ip-172-31-94-123 ~]#

Amazon S3

Buckets

Access Points

Object Lambda Access Points

Multi-Region Access Points

Batch Operations

Access analyzer for S3

Storage Lens

Dashboards

AWS Organizations settings

Feature spotlight 3

AWS Marketplace for S3

Feedback

English (US)

Amazon S3 > akv2721-spring-app > Edit bucket policy

Edit bucket policy

Info

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](#)

Policy examples

Policy generator

Bucket ARN

arn:aws:s3:::akv2721-spring-app

Policy

1 {

2 "Version": "2012-10-17",

3 "Id": "Policy1623472253788",

4 "Statement": [

5 {

6 "Sid": "Stmnt1623472252275",

7 "Effect": "Allow",

8 "Principal": "*",

9 "Action": "s3:GetObject",

10 "Resource": "arn:aws:s3:::akv2721-spring-app/*"

11 }

Edit statement

Stmnt1623472252275

Remove

1. Add actions

Choose a service

Filter services

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Privacy

Terms

Cookie preferences

springkeypair.pem

jpg2pdf (4).pdf

jpg2pdf (3).pdf

p5docs-master.zip

Show all

Type here to search

U: 0.16 kB/s

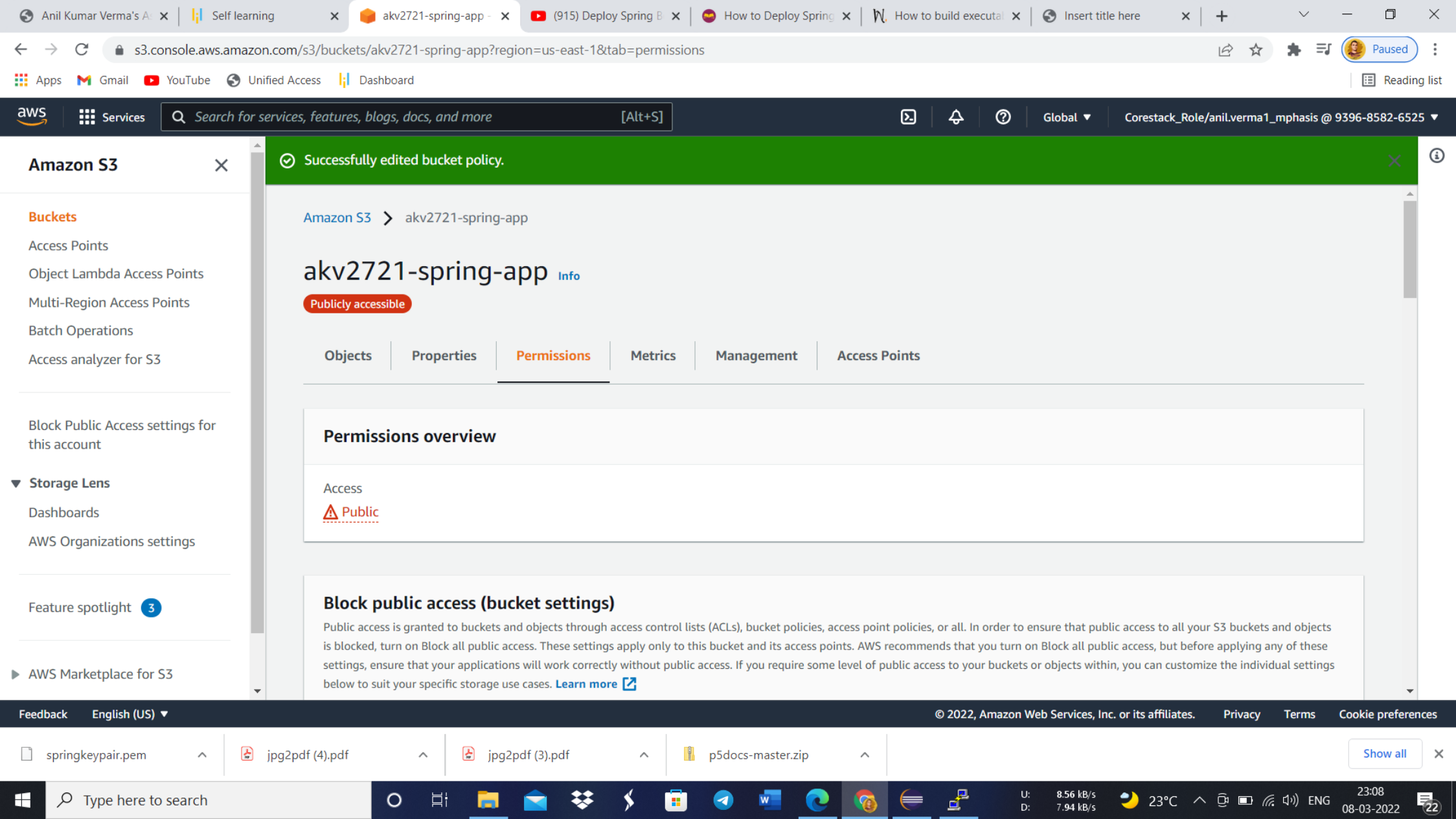
D: 1.06 kB/s

23°C

ENG

23:07

08-03-2022



Transaction Summary

=====

Install 1 Package

Total download size: 185 M

Installed size: 309 M

Downloading packages:

java-11-amazon-corretto-devel-11.0.14.10-1.x86_64.rpm

| 185 MB 00:00:02

Running transaction check

Running transaction test

Transaction test succeeded

Running transaction

Installing : 1:java-11-amazon-corretto-devel-11.0.14.10-1.x86_64

1/1

Verifying : 1:java-11-amazon-corretto-devel-11.0.14.10-1.x86_64

1/1

Installed:

java-11-amazon-corretto-devel.x86_64 1:11.0.14.10-1

Complete!

[root@ip-172-31-94-123 ~]# java -version

openjdk version "11.0.14.1" 2022-02-08 LTS

OpenJDK Runtime Environment Corretto-11.0.14.10.1 (build 11.0.14.1+10-LTS)

OpenJDK 64-Bit Server VM Corretto-11.0.14.10.1 (build 11.0.14.1+10-LTS, mixed mode)

[root@ip-172-31-94-123 ~]# clear

[root@ip-172-31-94-123 ~]# wget https://akv2721-spring-app.s3.amazonaws.com/SportyShoes-0.0.1-SNAPSHOT.jar

--2022-03-08 17:45:51-- https://akv2721-spring-app.s3.amazonaws.com/SportyShoes-0.0.1-SNAPSHOT.jar

Resolving akv2721-spring-app.s3.amazonaws.com (akv2721-spring-app.s3.amazonaws.com) ... 52.217.175.49

Connecting to akv2721-spring-app.s3.amazonaws.com (akv2721-spring-app.s3.amazonaws.com)|52.217.175.49|:443... connected.

HTTP request sent, awaiting response... 200 OK

Length: 56390041 (54M) [application/x-www-form-urlencoded]

Saving to: 'SportyShoes-0.0.1-SNAPSHOT.jar'

100%[=====>] 56,390,041 93.5MB/s in 0.6s

2022-03-08 17:45:52 (93.5 MB/s) - 'SportyShoes-0.0.1-SNAPSHOT.jar' saved [56390041/56390041]

[root@ip-172-31-94-123 ~]# ls

SportyShoes-0.0.1-SNAPSHOT.jar

[root@ip-172-31-94-123 ~]#

```
root@ip-172-31-94-123:~
Transaction Summary
=====
Install 1 Package

Total download size: 185 M
Installed size: 309 M
Downloading packages:
java-11-amazon-corretto-devel-11.0.14.10-1.x86_64.rpm | 185 MB 00:00:02
Running transaction check
Running transaction test
Transaction test succeeded
Running transaction
  Installing : 1:java-11-amazon-corretto-devel-11.0.14.10-1.x86_64 1/1
  Verifying : 1:java-11-amazon-corretto-devel-11.0.14.10-1.x86_64 1/1

Installed:
  java-11-amazon-corretto-devel.x86_64 1:11.0.14.10-1

Complete!
[root@ip-172-31-94-123 ~]# java -version
openjdk version "11.0.14.1" 2022-02-08 LTS
OpenJDK Runtime Environment Corretto-11.0.14.10.1 (build 11.0.14.1+10-LTS)
OpenJDK 64-Bit Server VM Corretto-11.0.14.10.1 (build 11.0.14.1+10-LTS, mixed mode)
[root@ip-172-31-94-123 ~]# clear
[root@ip-172-31-94-123 ~]# wget https://akv2721-spring-app.s3.amazonaws.com/SportyShoes-0.0.1-SNAPSHOT.jar
--2022-03-08 17:45:51-- https://akv2721-spring-app.s3.amazonaws.com/SportyShoes-0.0.1-SNAPSHOT.jar
Resolving akv2721-spring-app.s3.amazonaws.com (akv2721-spring-app.s3.amazonaws.com)... 52.217.175.49
Connecting to akv2721-spring-app.s3.amazonaws.com (akv2721-spring-app.s3.amazonaws.com)|52.217.175.49|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 56390041 (54M) [application/x-www-form-urlencoded]
Saving to: 'SportyShoes-0.0.1-SNAPSHOT.jar'

100%[=====>] 56,390,041 93.5MB/s in 0.6s

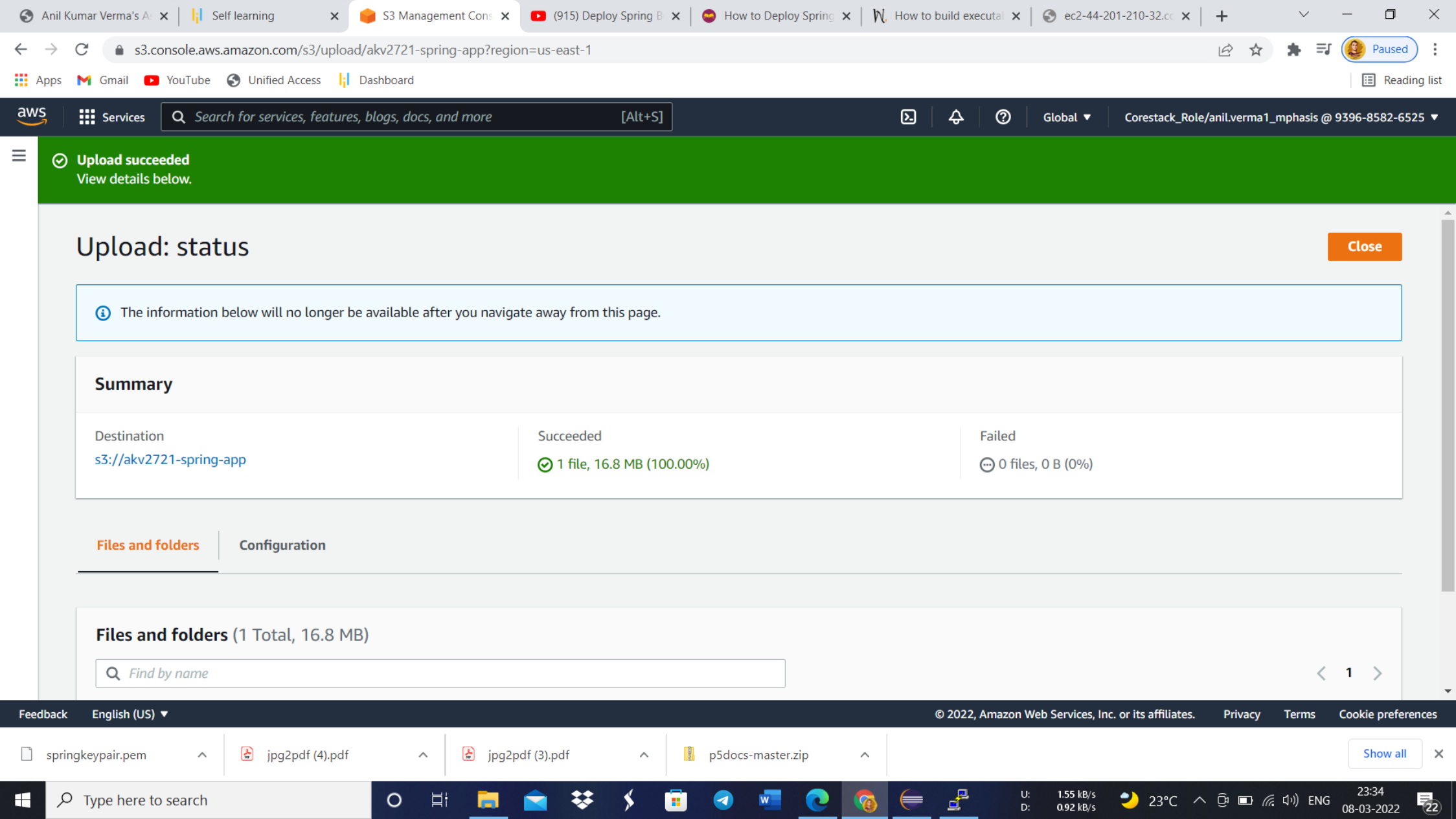
2022-03-08 17:45:52 (93.5 MB/s) - 'SportyShoes-0.0.1-SNAPSHOT.jar' saved [56390041/56390041]

[root@ip-172-31-94-123 ~]# ls
SportyShoes-0.0.1-SNAPSHOT.jar
[root@ip-172-31-94-123 ~]# java -jar SportyShoes-0.0.1-SNAPSHOT.jar

  /\_/\
 (oo)\_____)
  (__/       )\/\
    ||----w |
    ||     ||

:: Spring Boot ::
                    (v2.5.1)

2022-03-08 17:49:05.129 INFO 3534 --- [main] c.p.SportyShoes.SportyShoesApplication : Starting SportyShoesApplication v0.0.1-SNAPSHOT using Java 11.0.14.1 on ip-172-31-94-123.
ec2.internal with PID 3534 (/root/SportyShoes-0.0.1-SNAPSHOT.jar started by root in /root)
```

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

Feedback English (US) ▼

Amazon S3 > akv2721-spring-app

akv2721-spring-app [Info](#)

Publicly accessible

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

Copy URL



Download

Open 

Delete




Actions

Create folder



Upload



	Name	Type	Last modified	Size	Storage class
<input checked="" type="checkbox"/>	 my-spring-boot-web-aws-exe.jar	jar	March 8, 2022, 23:34:04 (UTC+05:30)	16.8 MB	Standard
<input type="checkbox"/>	 SportyShoes-0.0.1-SNAPSHOT.jar	jar	March 8, 2022, 23:13:49 (UTC+05:30)	53.8 MB	Standard


```
2022-03-08 18:06:08 (97.2 MB/s) - 'my-spring-boot-web-aws-exe.jar' saved [17645606/17645606]
```

[illegible]

```
2022-03-08 18:07:13.073 INFO 3603 --- [main] com.simplilearn.workshop.MyApplication : Starting MyApplication v1.0 using Java 11.0.14.1 on ip-172-31-94-123.ec2.internal with PID 3603 (/root/my-spring-boot-web-aws-exe.jar started by root in /root)
2022-03-08 18:07:13.081 INFO 3603 --- [main] com.simplilearn.workshop.MyApplication : No active profile set, falling back to default profiles: default
2022-03-08 18:07:15.436 INFO 3603 --- [main] org.eclipse.jetty.util.log : Logging initialized @4953ms to org.eclipse.jetty.util.log.Slf4jLog
2022-03-08 18:07:15.798 INFO 3603 --- [main] o.s.b.w.e.j.JettyServletWebServerFactory : Server initialized with port: 9090
2022-03-08 18:07:15.808 INFO 3603 --- [main] org.eclipse.jetty.server.Server : jetty-9.4.43.v20210629; built: 2021-06-30T11:07:22.254Z; git: 526006ecfa3af7f1a27ef3a288e2bef7ea9dd7e8; jvm 11.0.14.1+10-LTS
2022-03-08 18:07:15.898 INFO 3603 --- [main] o.e.j.s.h.ContextHandler.application : Initializing Spring embedded WebApplicationContext
2022-03-08 18:07:15.903 INFO 3603 --- [main] w.s.c.ServletWebServerApplicationContext : Root WebApplicationContext: initialization completed in 2666 ms
2022-03-08 18:07:16.801 INFO 3603 --- [main] org.eclipse.jetty.server.session : DefaultSessionIdManager workerName=node0
2022-03-08 18:07:16.807 INFO 3603 --- [main] org.eclipse.jetty.server.session : No SessionScavenger set, using defaults
2022-03-08 18:07:16.809 INFO 3603 --- [main] org.eclipse.jetty.server.session : node0 Scavenging every 660000ms
2022-03-08 18:07:16.833 INFO 3603 --- [main] o.e.jetty.server.handler.ContextHandler : Started o.s.b.w.e.j.JettyEmbeddedWebAppContext@5c00384f(application,/, [file:///tmp/jetty-
```

[illegible]

1

THIS IS MY FIRST WEB APP.

MR. ANIL~

SPRING-BOOT Web Application



As requested by management, this is my final product stage, demonstrating the automated, integrated, and deployed spring-

This is an environment where the application is hosted and accessed by users. The following were used in its development: