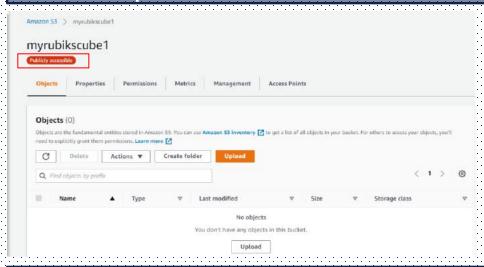


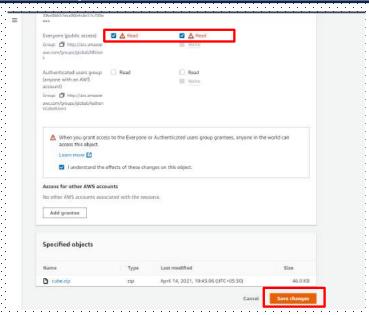
Project details::

- 1. Go to the LINK.
- 2. Upload it to \$3.
- 3. Create an EC2 instance.
- 4. Install apache using yum install httpd –y
- 5. Go to var/www/html using cd command.
- 6. Wget(s3 link) and unzip the file.
- 7. cp filename ../.
- 8. Service httpd start
- 9. Run the IP in the browser of the EC2 instance

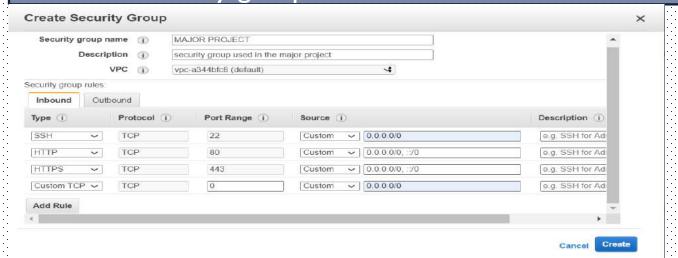
1. Make a public s3 bucket



2. Upload the zip file in the bucket and set the (ACL) public to everyone.



3. Make a security group and in the inbound add the rules shown. Click create.

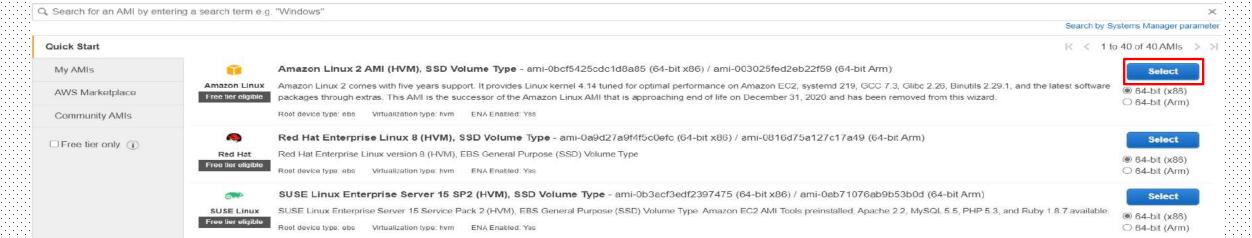


4.Launch the Instance Amazon Linux 2 as shown by clicking on select and after clicking here select to instance type (free tier eligible) under choose an instance tab and click review and launch.

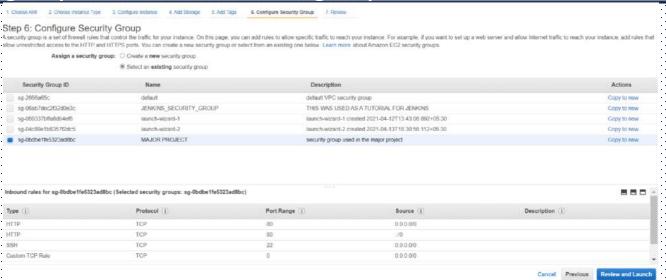
Step 1: Choose an Amazon Machine Image (AMI)

Cancel and Exit

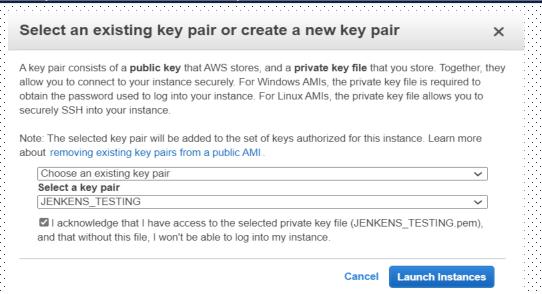
An AMI is a template that contains the software configuration (operating system, applications) required to launch your instance. You can select an AMI provided by AWS, our user community, or the AWS Marketplace; or you can select one of your own AMIs.



5. Select Edit security groups and the select the group which we made earlier.



6. Select the existing key pair(or create a new) and launch the instance.



7. Install apache by the command :yum install httpd -y

```
ec2-user@ip-172-31-2-195:~
                                                                                                                                                                                   Install 1 Package (+8 Dependent packages)
Total download size: 1.8 M
Installed size: 5.1 M
Is this ok [y/d/N]: y
Downloading packages:
(1/9): apr-1.6.3-5.amzn2.0.2.x86 64.rpm
                                                                                                                                                                    | 118 kB 00:00:00
(2/9): apr-util-1.6.1-5.amzn2.0.\overline{2}.x86 64.rpm
                                                                                                                                                                      99 kB 00:00:00
(3/9): generic-logos-httpd-18.0.0-4.amzn2.noarch.rpm
(4/9): apr-util-bdb-1.6.1-5.amzn2.0.2.x86 64.rpm
                                                                                                                                                                       19 kB 00:00:00
(5/9): httpd-2.4.46-1.amzn2.x86 64.rpm
                                                                                                                                                                      1.3 MB 00:00:00
(6/9): httpd-filesystem-2.4.46-1.amzn2.noarch.rpm
                                                                                                                                                                      23 kB 00:00:00
(7/9): httpd-tools-2.4.46-1.amzn2.x86 64.rpm
                                                                                                                                                                       87 kB 00:00:00
(8/9): mailcap-2.1.41-2.amzn2.noarch.rpm
                                                                                                                                                                      31 kB 00:00:00
(9/9): mod http2-1.15.14-2.amzn2.x86 64.rpm
                                                                                                                                                                     | 147 kB 00:00:00
                                                                                                                                                           9.1 MB/s | 1.8 MB 00:00:00
Running transaction check
 Running transaction test
Transaction test succeeded
 unning transaction
 Installing: apr-1.6.3-5.amzn2.0.2.x86 64
 Installing: apr-util-bdb-1.6.1-5.amzn2.0.2.x86 64
  Installing : apr-util-1.6.1-5.amzn2.0.2.x86 64
  Installing: httpd-tools-2.4.46-1.amzn2.x86 64
  Installing : generic-logos-httpd-18.0.0-4.amzn2.noarch
  Installing : mailcap-2.1.41-2.amzn2.noarch
  Installing : httpd-filesystem-2.4.46-1.amzn2.noarch
  Installing: mod http2-1.15.14-2.amzn2.x86 64
  Installing: httpd-2.4.46-1.amzn2.x86 64
  Verifying : apr-util-1.6.1-5.amzn2.0.2.x86 64
 Verifying: httpd-filesystem-2.4.46-1.amzn2.noarch
  Verifying: apr-util-bdb-1.6.1-5.amzn2.0.2.x86 64
  Verifying: httpd-tools-2.4.46-1.amzn2.x86 64
                                                                                                                                                                                       4/9
 Verifying : mod http2-1.15.14-2.amzn2.x86 64
  Verifying : apr-1.6.3-5.amzn2.0.2.x86 64
  Verifying : mailcap-2.1.41-2.amzn2.noarch
  Verifying : generic-logos-httpd-18.0.0-4.amzn2.noarch
  Verifying: httpd-2.4.46-1.amzn2.x86 64
Installed:
 httpd.x86 64 0:2.4.46-1.amzn2
Dependency Installed:
 apr.x86 64 0:1.6.3-5.amzn2.0.2
                                                apr-util.x86 64 0:1.6.1-5.amzn2.0.2
                                                                                         apr-util-bdb.x86 64 0:1.6.1-5.amzn2.0.2
                                                                                                                                       generic-logos-httpd.noarch 0:18.0.0-4.amzn2
 httpd-filesystem.noarch 0:2.4.46-1.amzn2
                                                httpd-tools.x86 64 0:2.4.46-1.amzn2
                                                                                         mailcap.noarch 0:2.1.41-2.amzn2
                                                                                                                                       mod http2.x86 64 0:1.15.14-2.amzn2
 Complete!
 ec2-user@ip-172-31-2-195 ~]$
```

8. Go to the /var/www/html directory.

9. Copy the s3 object URL and paste it after the command:: w3get

Object overview	
Owner	S3 URI
AWS Region	☐ s3://myrubikscube1/cube.zip
Asia Pacific (Mumbai) ap-south-1	Amazon Resource Name (ARN)
Last modified	arn:aws:s3:::myrubikscube1/cube.zip
April 14, 2021, 10:45:06 (UTC+05:30)	Entity tag (Etag)
Size	☐ e72dc6675521c2153ab57ed46ef2f90c
46.0 KB	
Type	Object URL
zip	https://myrubikscube1.s3.ap-south-1.amazonaws.com/cube.zip
Key	
🗇 cube.zip	

10. Paste it after the command:: w3get

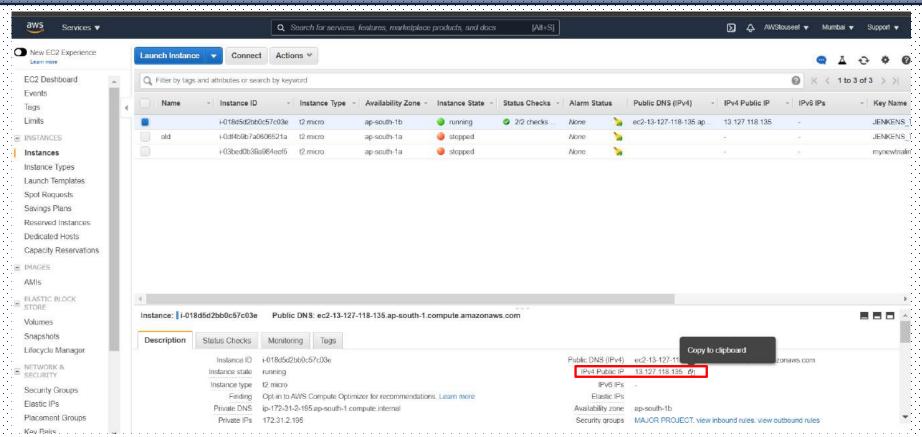
II. Unzip the file and copy it to the var/www/html directory

```
root@ip-172-31-2-195 html]# ls
root@ip-172-31-2-195 html]# unzip cube.zip
Archive: cube.zip
  creating: cube/
 inflating: cube/index.html
 inflating: cube/script.js
 inflating: cube/style.css
[root@ip-172-31-2-195 html]# ls
[root@ip-172-31-2-195 html]# cd cube
[root@ip-172-31-2-195 cube]# ls
index.html script.js style.css
[root@ip-172-31-2-195 cube]# pwd
/var/www/html/cube
[root@ip-172-31-2-195 cube] # cp index.html script.js style.css ../.
[root@ip-172-31-2-195 cube]# cd ..
[root@ip-172-31-2-195 html]# pwd
/var/www/html
[root@ip-172-31-2-195 html]# ls
cube cube.zip index.html script.js style.css
[root@ip-172-31-2-195 html]#
```

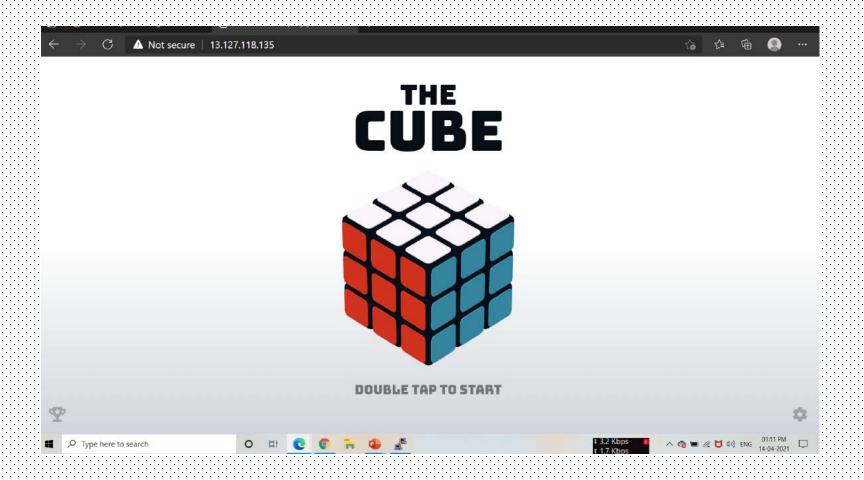
12. Type the command:: service httpd start

```
root@ip-172-31-2-195:/var/www/html
[root@ip-172-31-2-195 html]# ls
cube cube.zip index.html script.js style.css
[root@ip-172-31-2-195 html]# service httpd start
```

13. Copy the IP address of the instance.



14. Run it in the browser.



It's working absolutely fine.



THANK YOU

-Mohammad Touseef