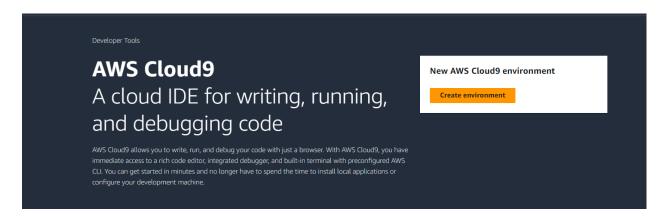
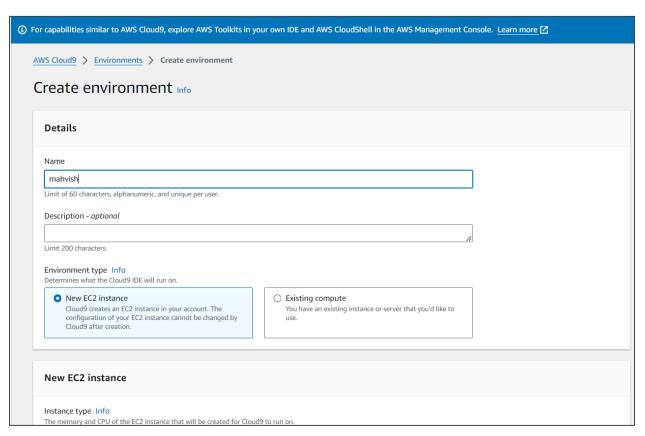
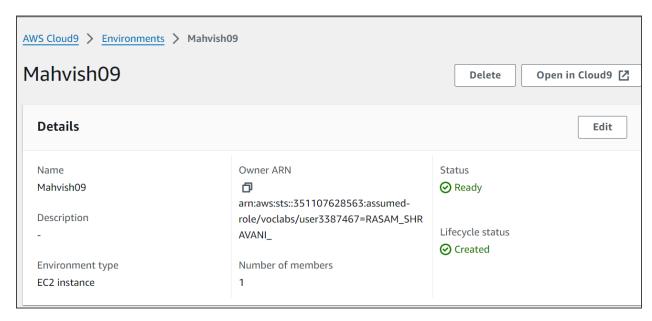
# **Experiment 1**

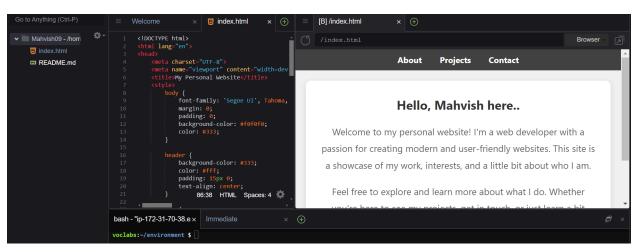
**AIM:** To understand the benefits of Cloud Infrastructure and Setup AWS Cloud9 IDE, Launch AWS Cloud9 IDE and Perform Collaboration Demonstration.

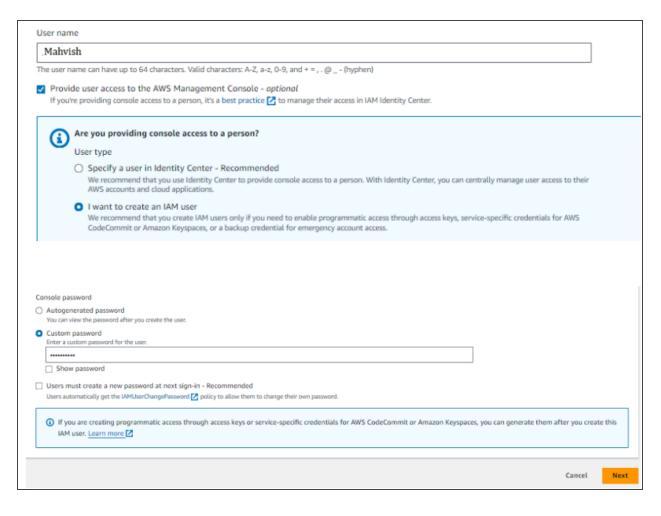


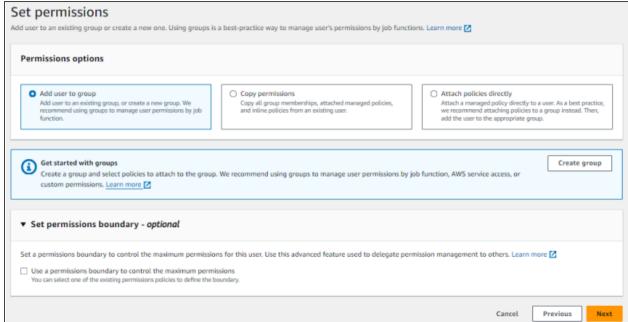


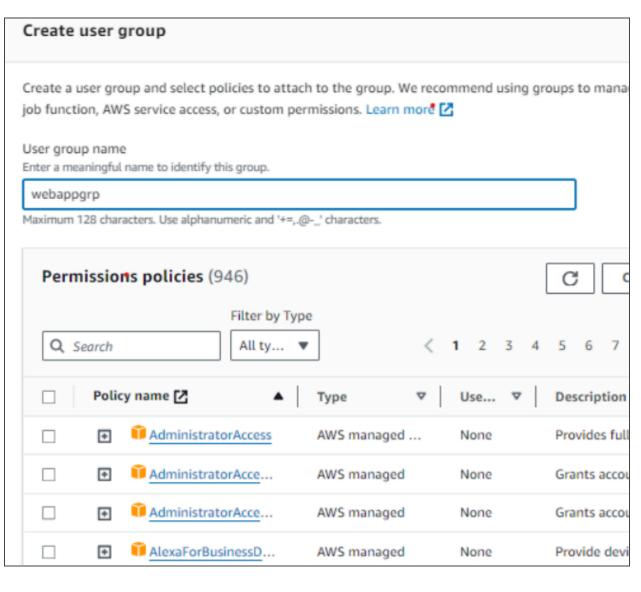


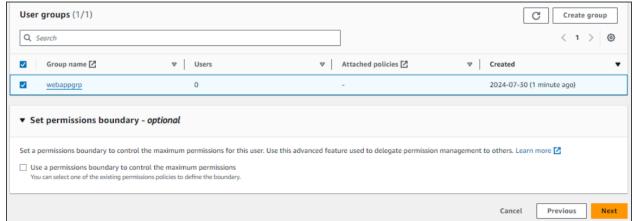


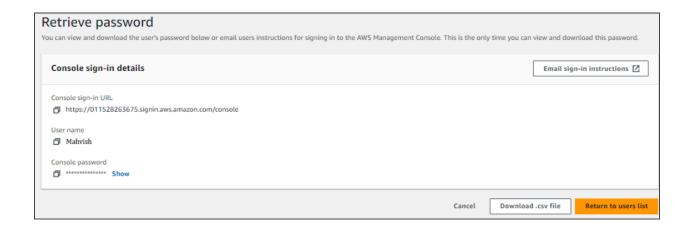




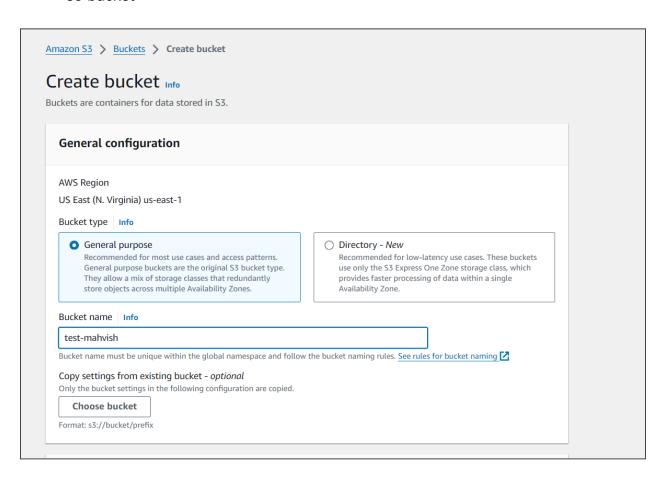


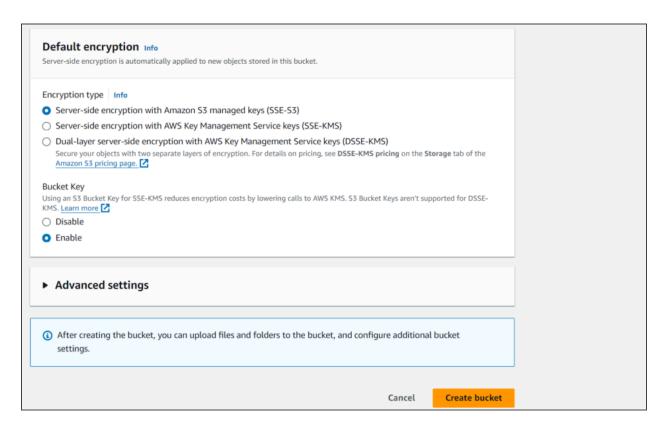


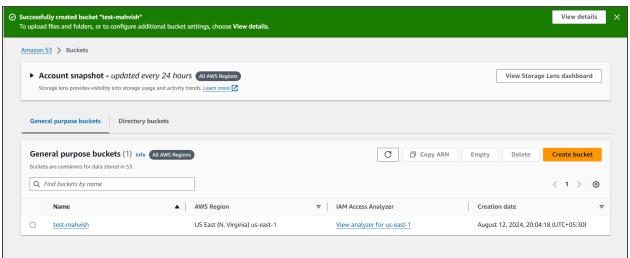


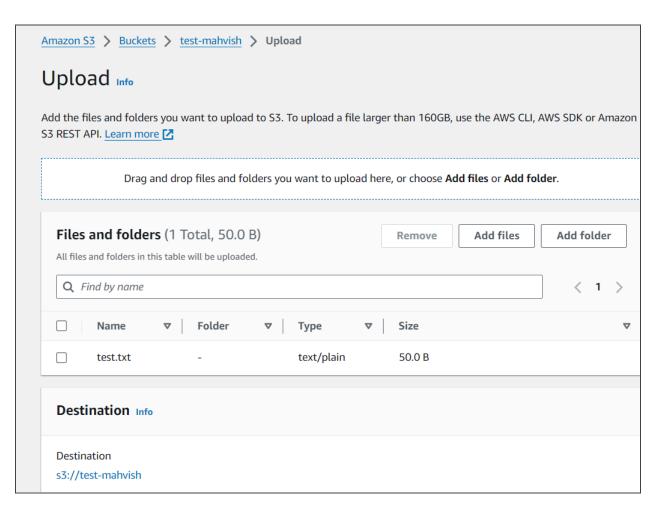


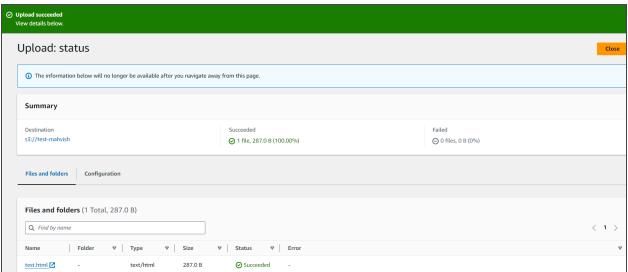
### • s3 bucket

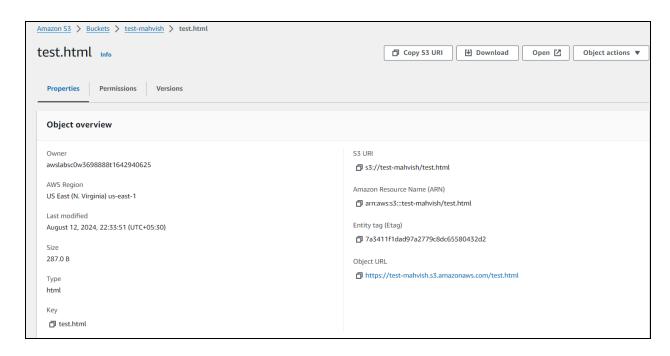


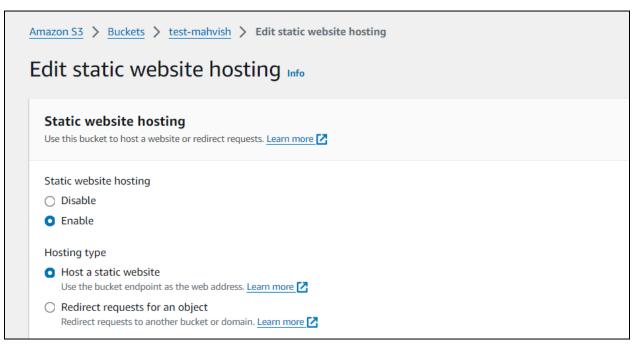


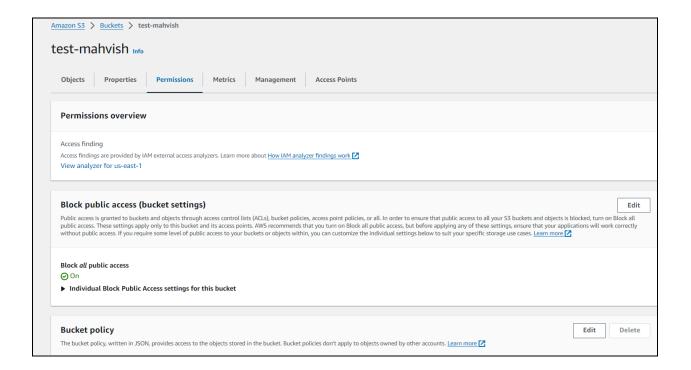












```
Bucket policy

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 

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

"Statement": [

"Sid": "PublicReadGetObject",

"Principal": "*",

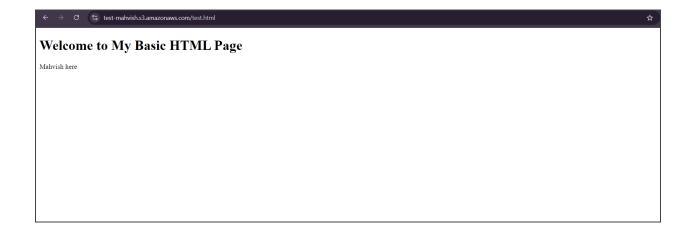
"Action": "35:GetObject",

"Resource": "arn:aws:s3:::test-mahvish/*"

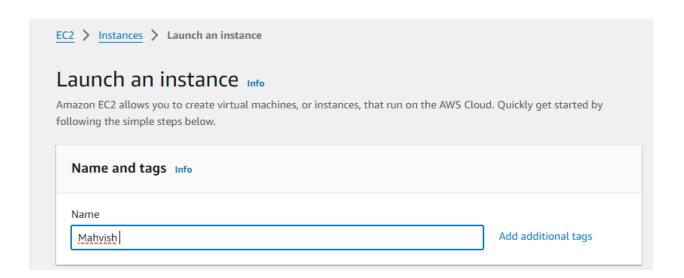
}

]

}
```



## Launching an EC2 instance



#### Quick Start

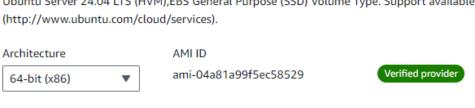


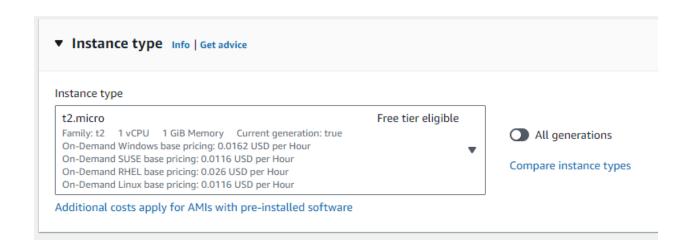
#### Amazon Machine Image (AMI)

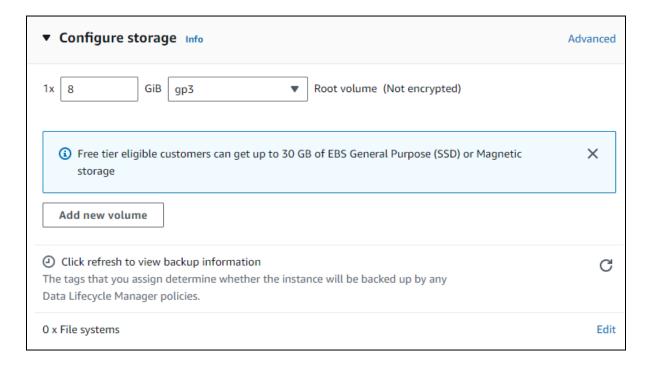


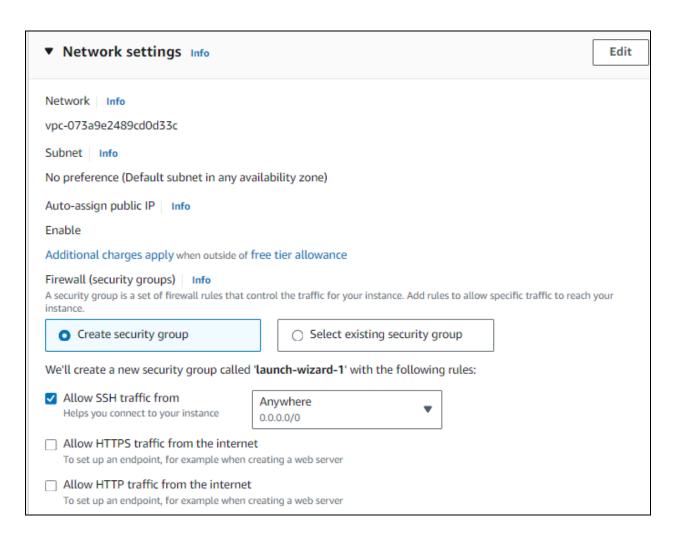
#### Description

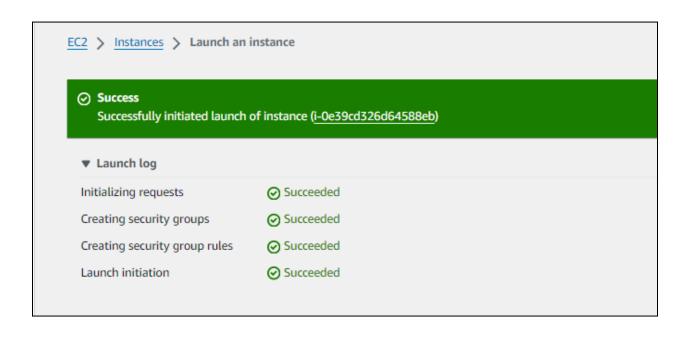
Ubuntu Server 24.04 LTS (HVM),EBS General Purpose (SSD) Volume Type. Support available from Canonical

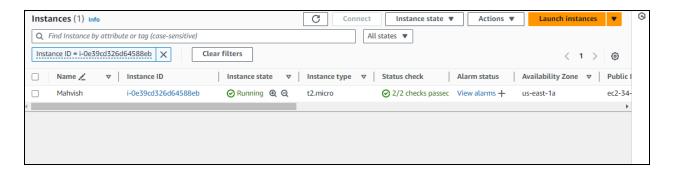


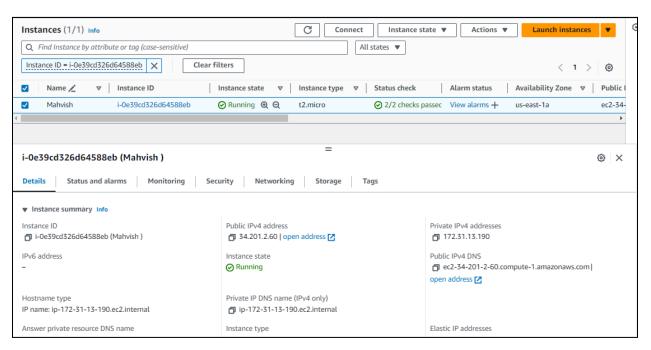












```
[ec2-user@ip-172-31-13-190 ~]$ ls
[ec2-user@ip-172-31-13-190 ~]$ echo "hello"
hello
[ec2-user@ip-172-31-13-190 ~]$ cat > myfile.txt
this is advanced devops lab
^C
[ec2-user@ip-172-31-13-190 ~]$ cat myfile
cat: myfile: No such file or directory
[ec2-user@ip-172-31-13-190 ~]$ cat myfile.txt
this is advanced devops lab
[ec2-user@ip-172-31-13-190 ~]$ =
```

```
root@ip-172-31-32-173:~ sudo su
root@ip-172-31-32-173:~ apt install apache2
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
   apache2-bin apache2-data apache2-utils libapr1t64 libaprutil1-dbd-sql:
Suggested packages:
   apache2-doc apache2-suexec-pristine | apache2-suexec-custom www-browse
The following NEW packages will be installed:
   apache2 apache2-bin apache2-data apache2-utils libapr1t64 libaprutil1-
0 upgraded, 10 newly installed, 0 to remove and 26 not upgraded.
Need to get 1680 kB/2083 kB of archives.
After this operation, 8094 kB of additional disk space will be used.
```

```
Jul 30 08:58:11 ip-172-31-32-173 systemd[1]: Starting apache2.service - The Apache HTTP Server...
Jul 30 08:58:11 ip-172-31-32-173 systemd[1]: Started apache2.service - The Apache HTTP Server.
root@ip-172-31-32-173:~‡ cd /var/www/html
```



root@ip-172-31-32-173:/var/www/html# nano index2.html
root@ip-172-31-32-173:/var/www/html# cat index2.html
<h1>Hi..Mahvish here<h1>
root@ip-172-31-32-173:/var/www/html#

