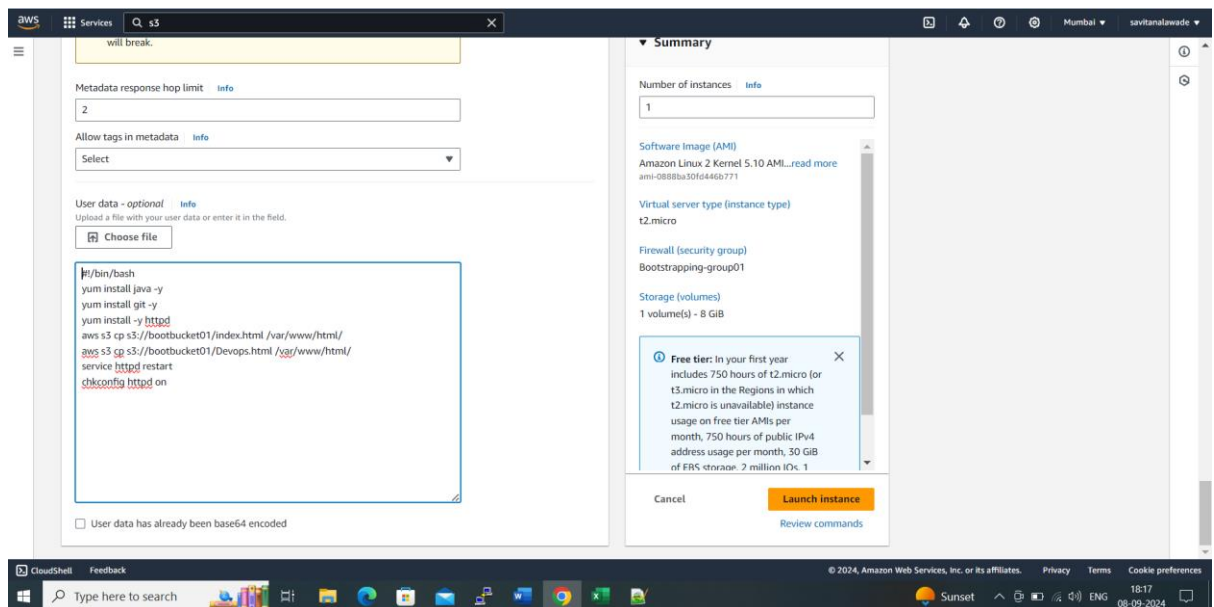


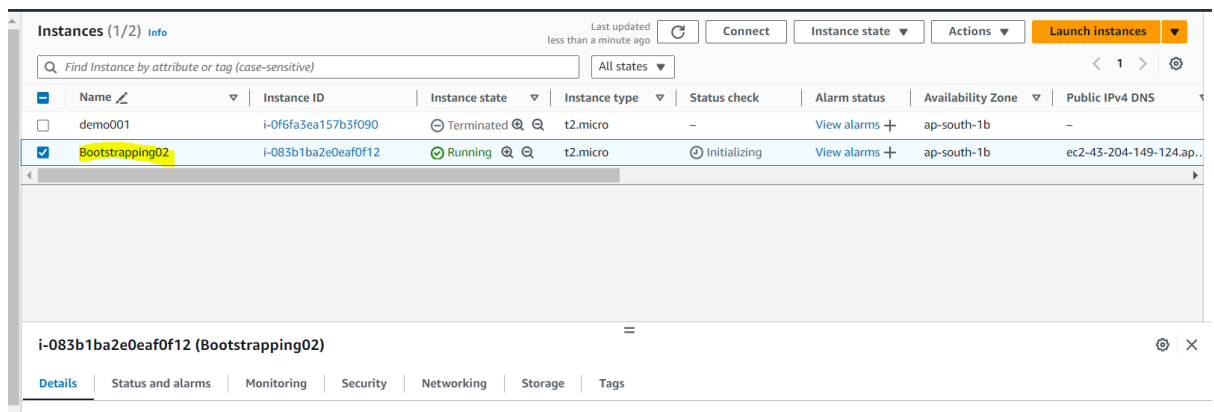
BootStrapping Practical

❖ Installed (Java,Git,Httpd) software via bootstrapping method and access the Web page

1) Create one instance with adding Bootstrapping
Attached Security group and role with s3fullaccess

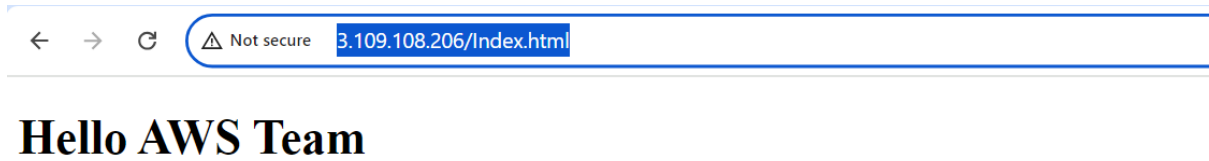


2) Successfully instance have been created



3) If everything is good & healthy we should get output of both (html)files

a. Output of Index.html files



b. Output of Devops.html file



4) Now, Connect to instance via putty.

a. Able to connect server



b. Show the files data which we have copy via bootstrapping

```
[root@ip-172-31-11-237 ~]# cd /var/www/html
[root@ip-172-31-11-237 html]# ls -ltr
total 8
-rw-r--r-- 1 root root 163 Sep  8 12:22 Index.html
-rw-r--r-- 1 root root 166 Sep  8 12:22 Devops.html
[root@ip-172-31-11-237 html]# cat Index.html
<!DOCTYPE html>
<html>
  <head>
    <title>My First Web Page</title>
  </head>
  <body>
    <h1>
      Hello AWS Team
    </h1>
  </body>
</html>
[root@ip-172-31-11-237 html]# cat Devops.html
<!DOCTYPE html>
<html>
  <head>
    <title>My First Web Page</title>
  </head>
  <body>
    <h1>
      Hello Devops Team
    </h1>
  </body>
</html>
[root@ip-172-31-11-237 html]#
```

c. See if software are installed or not(httpd,git,java) with installed version

```
</html>[root@ip-172-31-11-237 html]# cd
[root@ip-172-31-11-237 ~]# httpd --version
httpd (pid 3577) already running
[root@ip-172-31-11-237 ~]# java --version
openjdk 17.0.12 2024-07-16 LTS
OpenJDK Runtime Environment Corretto-17.0.12.7.1 (build 17.0.12+7-LTS)
OpenJDK 64-Bit Server VM Corretto-17.0.12.7.1 (build 17.0.12+7-LTS, mixed mode)
[root@ip-172-31-11-237 ~]# git --version
git version 2.40.1
[root@ip-172-31-11-237 ~]# rpm -qa | grep httpd
generic-logos-httpd-18.0.0-4.amzn2.noarch
httpd-filesystem-2.4.62-1.amzn2.0.2.noarch
httpd-2.4.62-1.amzn2.0.2.x86_64
httpd-tools-2.4.62-1.amzn2.0.2.x86_64
[root@ip-172-31-11-237 ~]# rpm -qa | grep java
javapackages-tools-3.4.1-11.amzn2.noarch
java-17-amazon-corretto-17.0.12+7-1.amzn2.1.x86_64
python-javapackages-3.4.1-11.amzn2.noarch
java-17-amazon-corretto-headless-17.0.12+7-1.amzn2.1.x86_64
[root@ip-172-31-11-237 ~]# rpm -qa | grep git
lm_sensors-libs-3.4.0-8.20160601.gitf9185e5.amzn2.x86_64
crontabs-1.11-6.20121102.git.amzn2.noarch
net-tools-2.0-0.22.20131004.git.amzn2.0.3.x86_64
screen-4.1.0-0.27.20120314.git3c2946.amzn2.0.1.x86_64
git-core-2.40.1-1.amzn2.0.3.x86_64
python-pillow-2.0.0-23.gitd1c6db8.amzn2.0.12.x86_64
git-core-doc-2.40.1-1.amzn2.0.3.noarch
git-2.40.1-1.amzn2.0.3.x86_64
[root@ip-172-31-11-237 ~]#
```

Summary

Installed (**Java,Git,Httpd**) Applications via bootstrapping method.

Access the files and see the contents.

Checked version of installed software.