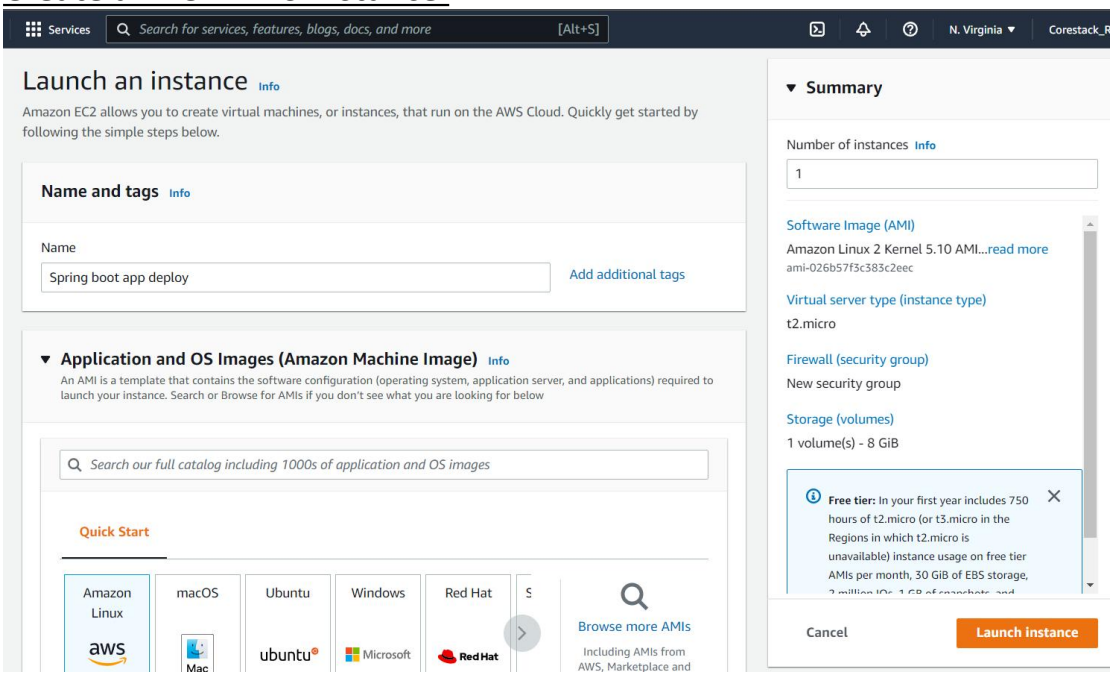
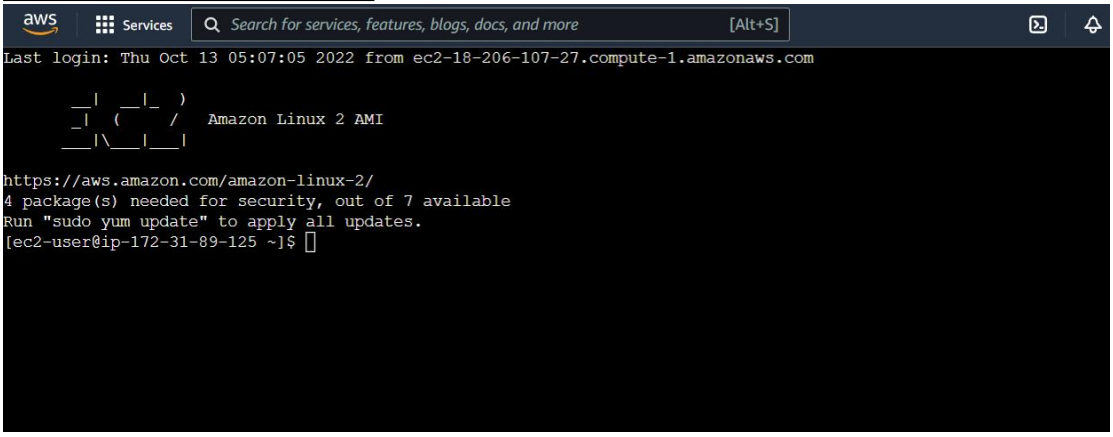
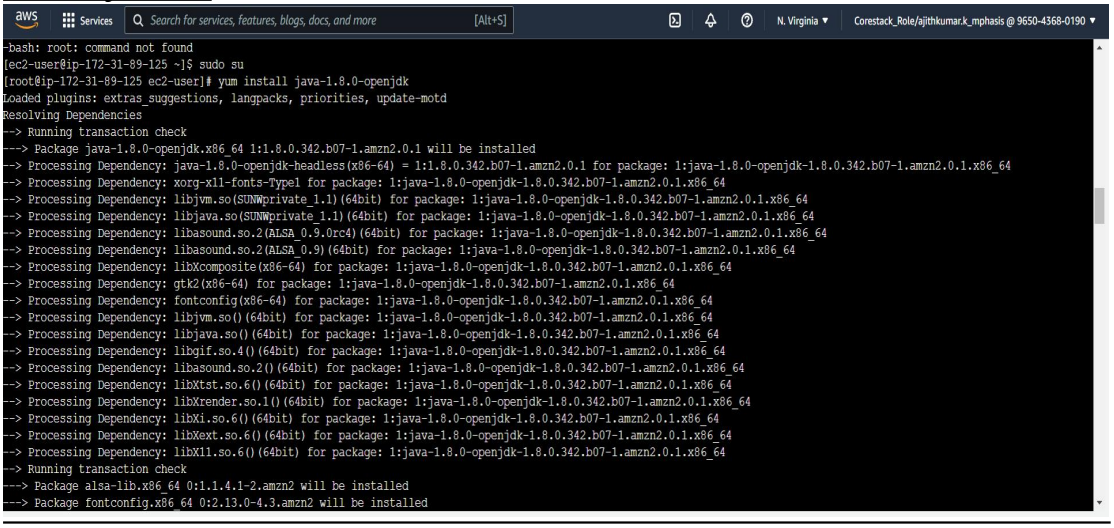
Create an EC2 AWS Instance:



Connect to EC2 console:



Install jdk1.8:



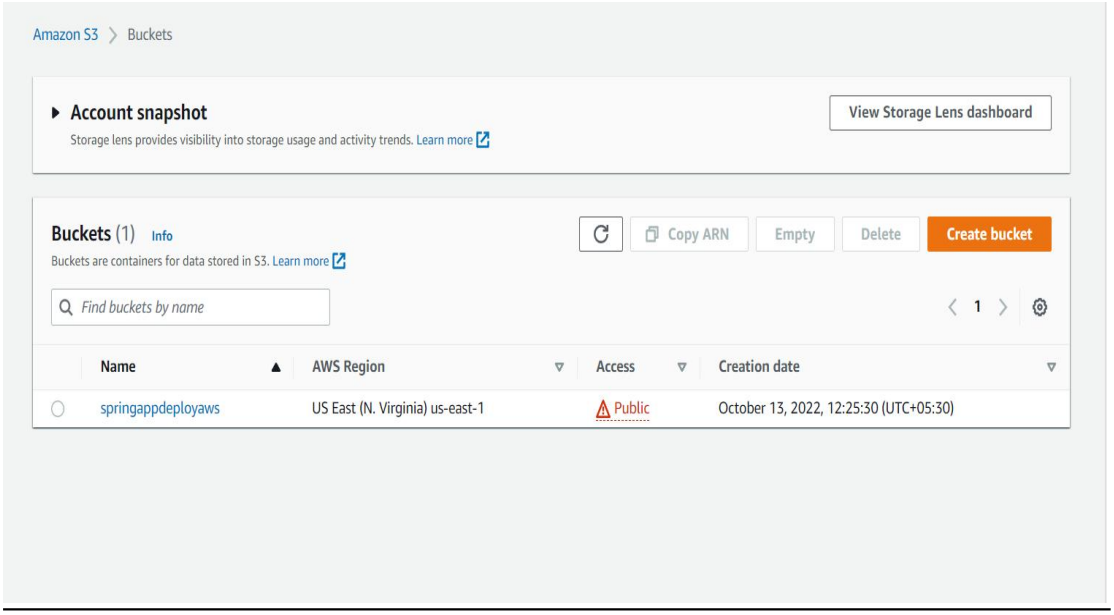
Install Tomcat server:

```
[root@ip-172-31-89-125 ec2-user]# wget https://dlcdn.apache.org/tomcat/tomcat-9/v9.0.68/bin/apache-tomcat-9.0.68.tar.gz
--2022-10-13 05:15:15--  https://dlcdn.apache.org/tomcat/tomcat-9/v9.0.68/bin/apache-tomcat-9.0.68.tar.gz
Resolving dlcdn.apache.org (dlcdn.apache.org)... 151.101.2.132, 2a04:4e42::644
Connecting to dlcdn.apache.org (dlcdn.apache.org)|151.101.2.132|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 11597709 (11M) [application/x-gzip]
Saving to: 'apache-tomcat-9.0.68.tar.gz'

100%[=============================================================================================================>] 11,597,709  --.-K/s   in 0.05s

2022-10-13 05:15:15 (217 MB/s) - 'apache-tomcat-9.0.68.tar.gz' saved [11597709/11597709]

[root@ip-172-31-89-125 ec2-user]#
```

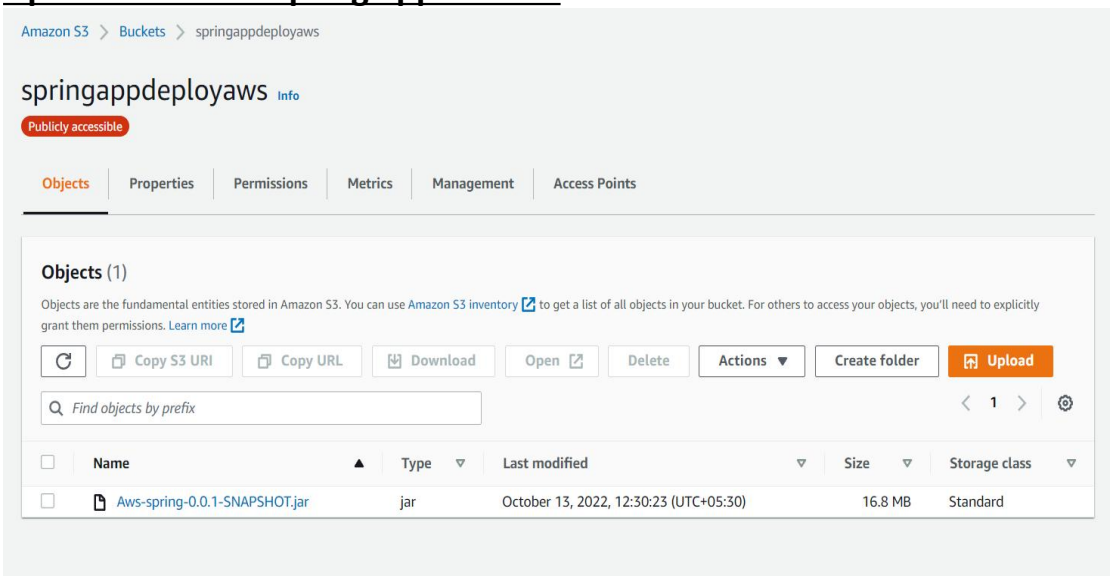
Unzip Tomcat server tar file:

```
[root@ip-172-31-89-125 ec2-user]# tar -zvxf apache-tomcat-9.0.68.tar.gz
apache-tomcat-9.0.68/conf/
apache-tomcat-9.0.68/conf/catalina.policy
apache-tomcat-9.0.68/conf/catalina.properties
apache-tomcat-9.0.68/conf/context.xml
apache-tomcat-9.0.68/conf/jaspic-providers.xml
apache-tomcat-9.0.68/conf/jaspic-providers.xsd
apache-tomcat-9.0.68/conf/logging.properties
apache-tomcat-9.0.68/conf/server.xml
apache-tomcat-9.0.68/conf/tomcat-users.xml
apache-tomcat-9.0.68/conf/tomcat-users.xsd
apache-tomcat-9.0.68/conf/web.xml
apache-tomcat-9.0.68/bin/
apache-tomcat-9.0.68/lib/
apache-tomcat-9.0.68/logs/
```

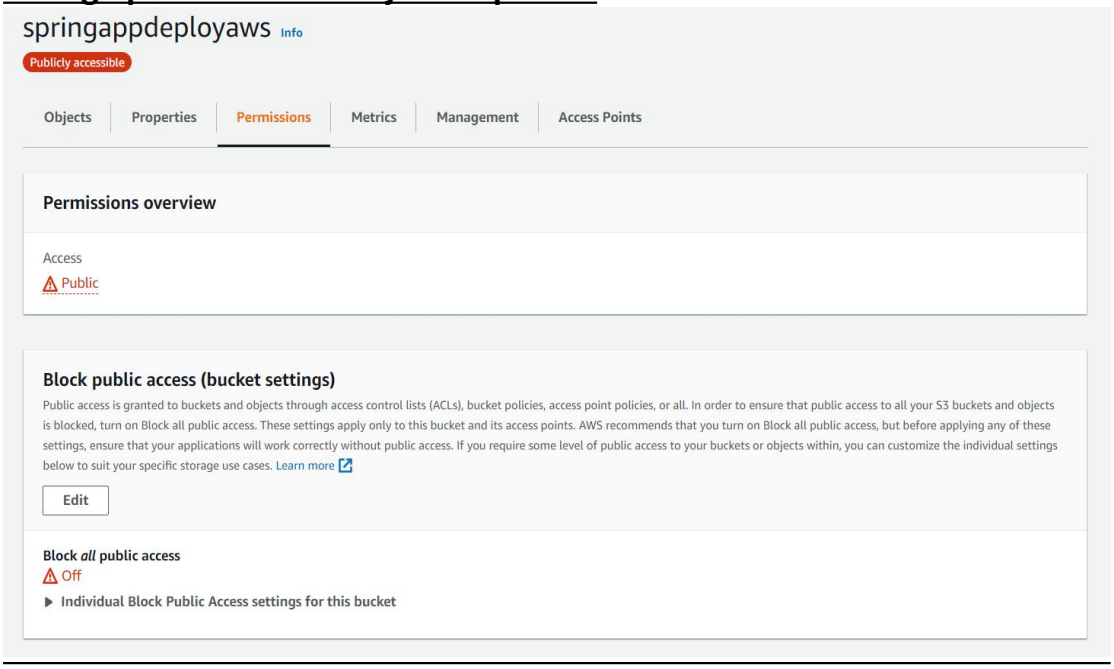
Create S3 bucket:



Upload Jar file of spring application:



Change permission of object to public:



Get spring boot application jar file in EC2 instance:

```
[ec2-user@ip-172-31-89-125 ~]$ wget https://springappdeployaws.s3.amazonaws.com/Aws-spring-0.0.1-SNAPSHOT.jar
--2022-10-13 07:16:08--  https://springappdeployaws.s3.amazonaws.com/Aws-spring-0.0.1-SNAPSHOT.jar
Resolving springappdeployaws.s3.amazonaws.com (springappdeployaws.s3.amazonaws.com)... 54.231.225.41
Connecting to springappdeployaws.s3.amazonaws.com (springappdeployaws.s3.amazonaws.com)|54.231.225.41|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 17632653 (17M) [application/x-www-form-urlencoded]
Saving to: 'Aws-spring-0.0.1-SNAPSHOT.jar'

100%[=============================================================================================================================>] 17,632,653  --.-K/s   in 0.1s

2022-10-13 07:16:08 (125 MB/s) - 'Aws-spring-0.0.1-SNAPSHOT.jar' saved [17632653/17632653]
```

Run the jar file:

```
apache-tomcat-9.0.68  apache-tomcat-9.0.68.tar.gz  Aws-spring-0.0.1-SNAPSHOT.jar
[ec2-user@ip-172-31-89-125 ~]$ java -jar Aws-spring-0.0.1-SNAPSHOT.jar

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( ( )\___ | '_ | '_| | '_ \/ _` | \ \ \ \
 \\/  ___)| |_)| | | | | || (_| |  ) ) ) )
  '  |____| .__|_| |_|_| |_\__, | / / / /
 =========|_|==============|___/=/_/_/_/
 :: Spring Boot ::                (v2.7.4)

2022-10-13 07:40:08.926  INFO 16937 --- [           main] com.example.demo.AwsSpringApplication    : Starting AwsSpringApplication v0.0.1-SNAPSHOT using Java 1.8.0_342 on i
p-172-31-89-125.ec2.internal with PID 16937 (/home/ec2-user/Aws-spring-0.0.1-SNAPSHOT.jar started by ec2-user in /home/ec2-user)
2022-10-13 07:40:08.930  INFO 16937 --- [           main] com.example.demo.AwsSpringApplication    : No active profile set, falling back to 1 default profile: "default"
2022-10-13 07:40:11.668  INFO 16937 --- [           main] o.s.b.w.embedded.tomcat.TomcatWebServer  : Tomcat initialized with port(s): 8080 (http)
2022-10-13 07:40:11.698  INFO 16937 --- [           main] o.apache.catalina.core.StandardService   : Starting service [Tomcat]
2022-10-13 07:40:11.699  INFO 16937 --- [           main] org.apache.catalina.core.StandardEngine  : Starting Servlet engine: [Apache Tomcat/9.0.65]
2022-10-13 07:40:11.854  INFO 16937 --- [           main] o.a.c.c.C.[Tomcat].[localhost].[/]       : Initializing Spring embedded WebApplicationContext
2022-10-13 07:40:11.860  INFO 16937 --- [           main] w.s.c.ServletWebServerApplicationContext : Root WebApplicationContext: initialization completed in 2783 ms
2022-10-13 07:40:13.248  INFO 16937 --- [           main] o.s.b.w.embedded.tomcat.TomcatWebServer  : Tomcat started on port(s): 8080 (http) with context path ''
2022-10-13 07:40:13.278  INFO 16937 --- [           main] com.example.demo.AwsSpringApplication    : Started AwsSpringApplication in 5.41 seconds (JVM running for 6.416)
```

OUPUT:

Welcome to AWS spring boot deployment!!
