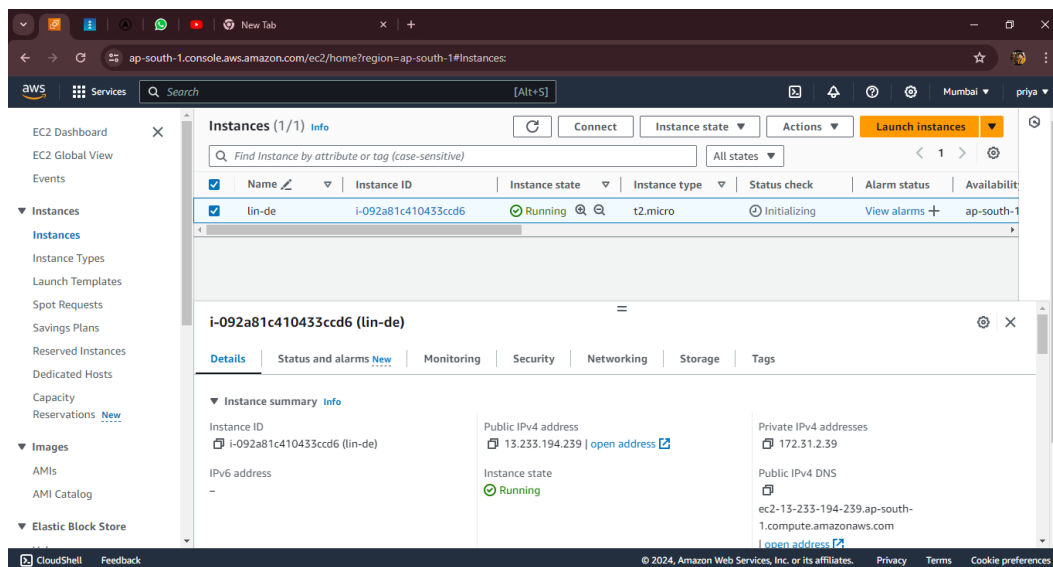


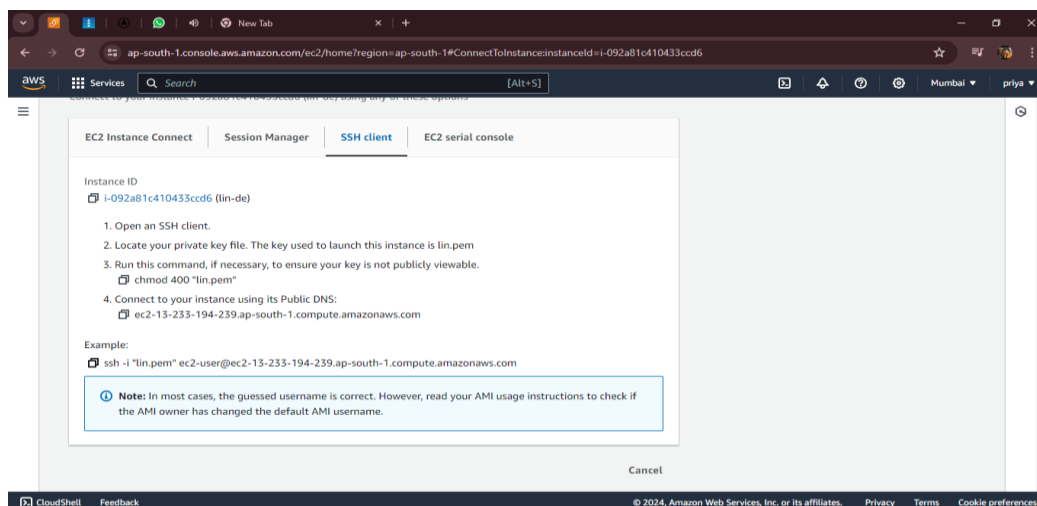
Amazon Linux 2023 (free tier) deployment

Creating Amazon Amazon Linux 2023 (free tier) instance and deploying the application

Step 1 To create Amazon Amazon Linux 2023 (free tier) instance



Step 2 click on connect button, then select SSH client



Step 3 Now type the commands to connect Root user

```
root@ip-172-31-2-39~
Microsoft Windows [Version 10.0.19044.1237]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Sys>cd downloads

C:\Users\Sys\Downloads>ssh -i "lin.pem" ec2-user@ec2-13-233-194-239.ap-south-1.compute.amazonaws.com
The authenticity of host 'ec2-13-233-194-239.ap-south-1.compute.amazonaws.com (13.233.194.239)' can't be established.
ECDSA key fingerprint is SHA256:b5Ab5XicC8LsqnTJdk8lAg67sAv86BHWkhs4ad0.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added 'ec2-13-233-194-239.ap-south-1.compute.amazonaws.com,13.233.194.239' (ECDSA) to the list of known hosts.

Amazon Linux 2023

https://aws.amazon.com/linux/amazon-linux-2023

[ec2-user@ip-172-31-2-39 ~]$ sudo su -
[root@ip-172-31-2-39 ~]#
```

Step 4 Download apache. And type commands to start apache service and check on the status

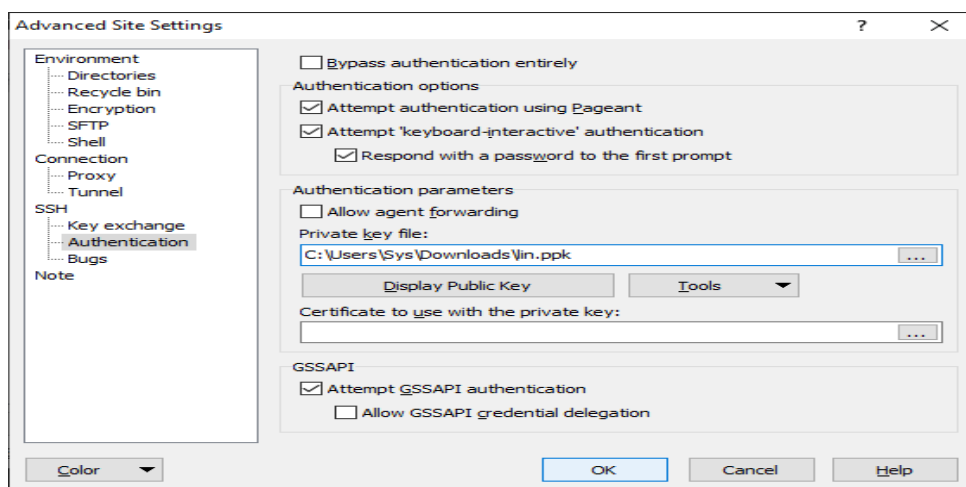
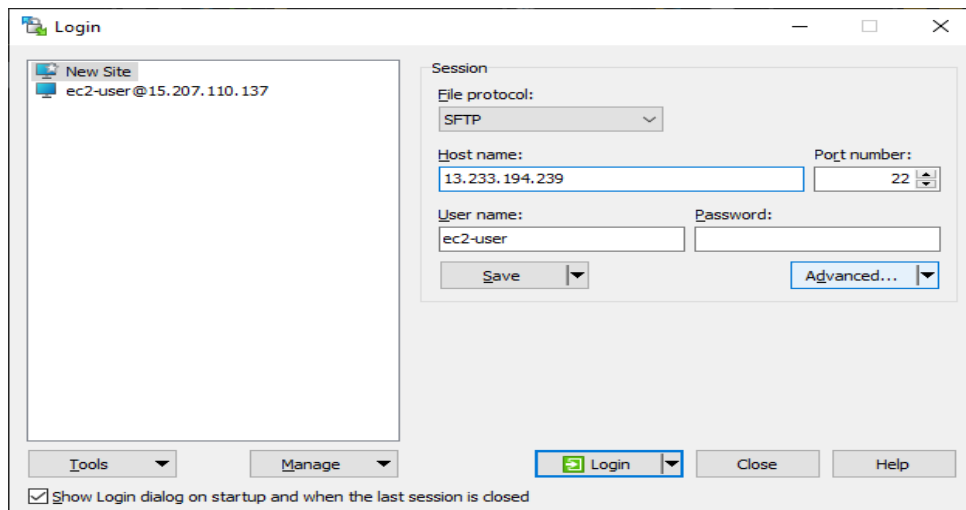
```
root@ip-172-31-2-39~
(12/12): mod_lua-2.4.59-2.amzn2023.x86_64.rpm 3.9 MB/s | 61 kB 00:00
-----
Total 11 MB/s | 2.3 MB 00:00
Running transaction check
Transaction check succeeded.
Running transaction test
Transaction test succeeded.
Running transaction
Preparing :
Installing : apr-1.7.2-2.amzn2023.0.2.x86_64 1/12
Installing : apr-util-openssl-1.6.3-1.amzn2023.0.1.x86_64 2/12
Installing : apr-util-1.6.3-1.amzn2023.0.1.x86_64 3/12
Installing : mailcap-2.1.49-3.amzn2023.0.3.noarch 4/12
Installing : httpd-tools-2.4.59-2.amzn2023.x86_64 5/12
Installing : libbrotli-1.0.9-4.amzn2023.0.2.x86_64 6/12
Running scriptlet: httpd-filesystem-2.4.59-2.amzn2023.noarch 7/12
Installing : httpd-filesystem-2.4.59-2.amzn2023.noarch 7/12
Installing : httpd-core-2.4.59-2.amzn2023.x86_64 8/12
Installing : mod_http2-2.0.27-1.amzn2023.0.2.x86_64 9/12
Installing : mod_lua-2.4.59-2.amzn2023.x86_64 10/12
Installing : generic-logos-httpd-18.0.0-12.amzn2023.0.3.noarch 11/12
Installing : httpd-2.4.59-2.amzn2023.x86_64 12/12
Running scriptlet: httpd-2.4.59-2.amzn2023.x86_64 12/12
Verifying : apr-1.7.2-2.amzn2023.0.2.x86_64 1/12
Verifying : apr-util-1.6.3-1.amzn2023.0.1.x86_64 2/12
Verifying : apr-util-openssl-1.6.3-1.amzn2023.0.1.x86_64 3/12
Verifying : generic-logos-httpd-18.0.0-12.amzn2023.0.3.noarch 4/12
Verifying : httpd-2.4.59-2.amzn2023.x86_64 5/12
Verifying : httpd-core-2.4.59-2.amzn2023.x86_64 6/12
Verifying : httpd-filesystem-2.4.59-2.amzn2023.noarch 7/12
Verifying : httpd-tools-2.4.59-2.amzn2023.x86_64 8/12
Verifying : libbrotli-1.0.9-4.amzn2023.0.2.x86_64 9/12
Verifying : mailcap-2.1.49-3.amzn2023.0.3.noarch 10/12
Verifying : mod_http2-2.0.27-1.amzn2023.0.2.x86_64 11/12
Verifying : mod_lua-2.4.59-2.amzn2023.x86_64 12/12

Installed:
apr-1.7.2-2.amzn2023.0.2.x86_64      apr-util-1.6.3-1.amzn2023.0.1.x86_64      apr-util-openssl-1.6.3-1.amzn2023.0.1.x86_64
generic-logos-httpd-18.0.0-12.amzn2023.0.3.noarch  httpd-2.4.59-2.amzn2023.x86_64      httpd-core-2.4.59-2.amzn2023.x86_64
httpd-filesystem-2.4.59-2.amzn2023.noarch      httpd-tools-2.4.59-2.amzn2023.x86_64      libbrotli-1.0.9-4.amzn2023.0.2.x86_64
mailcap-2.1.49-3.amzn2023.0.3.noarch      mod_http2-2.0.27-1.amzn2023.0.2.x86_64      mod_lua-2.4.59-2.amzn2023.x86_64

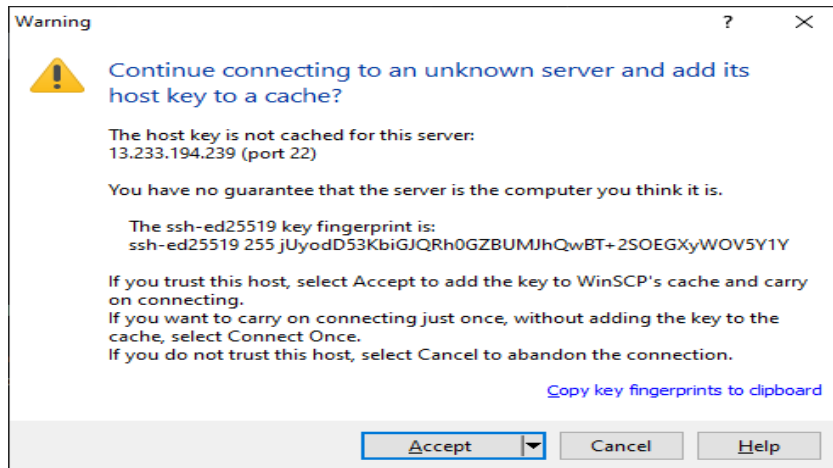
Complete!
[root@ip-172-31-2-39 ~]#
```

```
root@ip-172-31-2-39~  
[root@ip-172-31-2-39 ~]# service httpd status  
Redirecting to /bin/systemctl status httpd.service  
● httpd.service - The Apache HTTP Server  
   Loaded: loaded (/usr/lib/systemd/system/httpd.service; disabled; preset: disabled)  
   Active: inactive (dead)  
     Docs: man:httpd.service(8)  
[root@ip-172-31-2-39 ~]# service httpd start  
Redirecting to /bin/systemctl start httpd.service  
[root@ip-172-31-2-39 ~]#
```

Step 5 Download Winscp and select SFTP,type public IP address,user name and Click advanced button, SSH-authentication select .ppk file



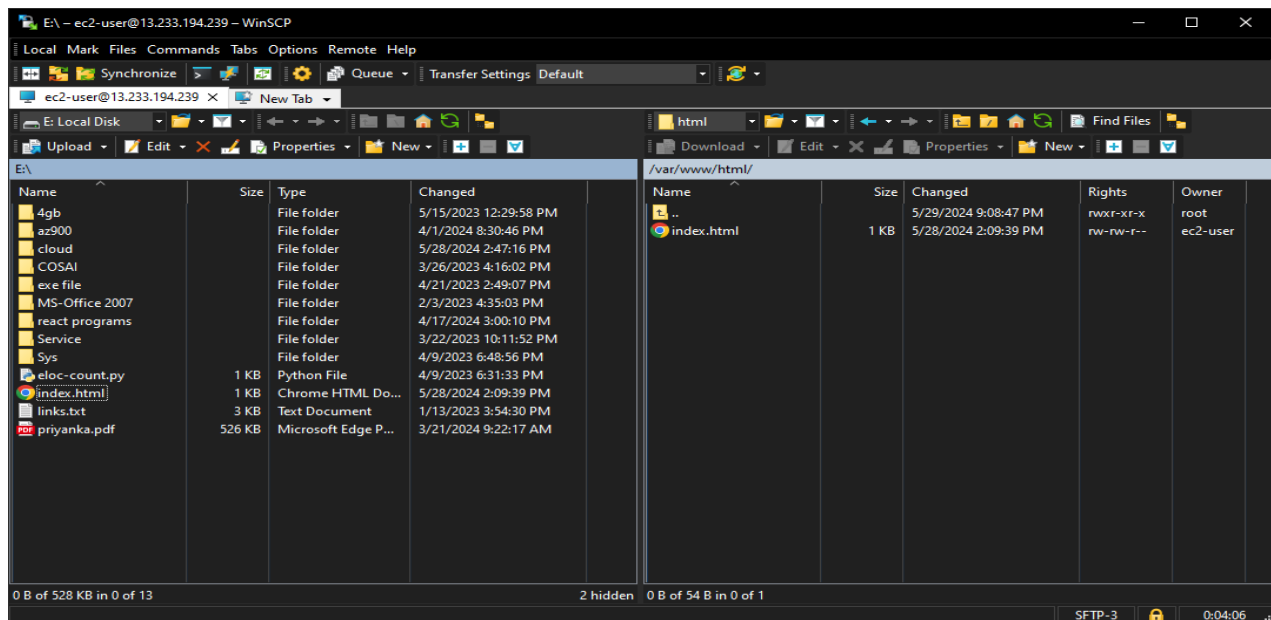
Step 6 Click accept button



Step 7 Change mode to transfer files from local system to Amazon Amazon Linux 2023 (free tier) server

```
[root@ip-172-31-2-39 ~]# chmod 777 -Rf /var/www/html/
[root@ip-172-31-2-39 ~]#
```

Open winscp



Step 8 Finally copy the public IP address

<http://13.233.194.239/> from Amazon Linux 2023 instance and paste in the local browser



Step 9 After running the instance, terminate the instance

