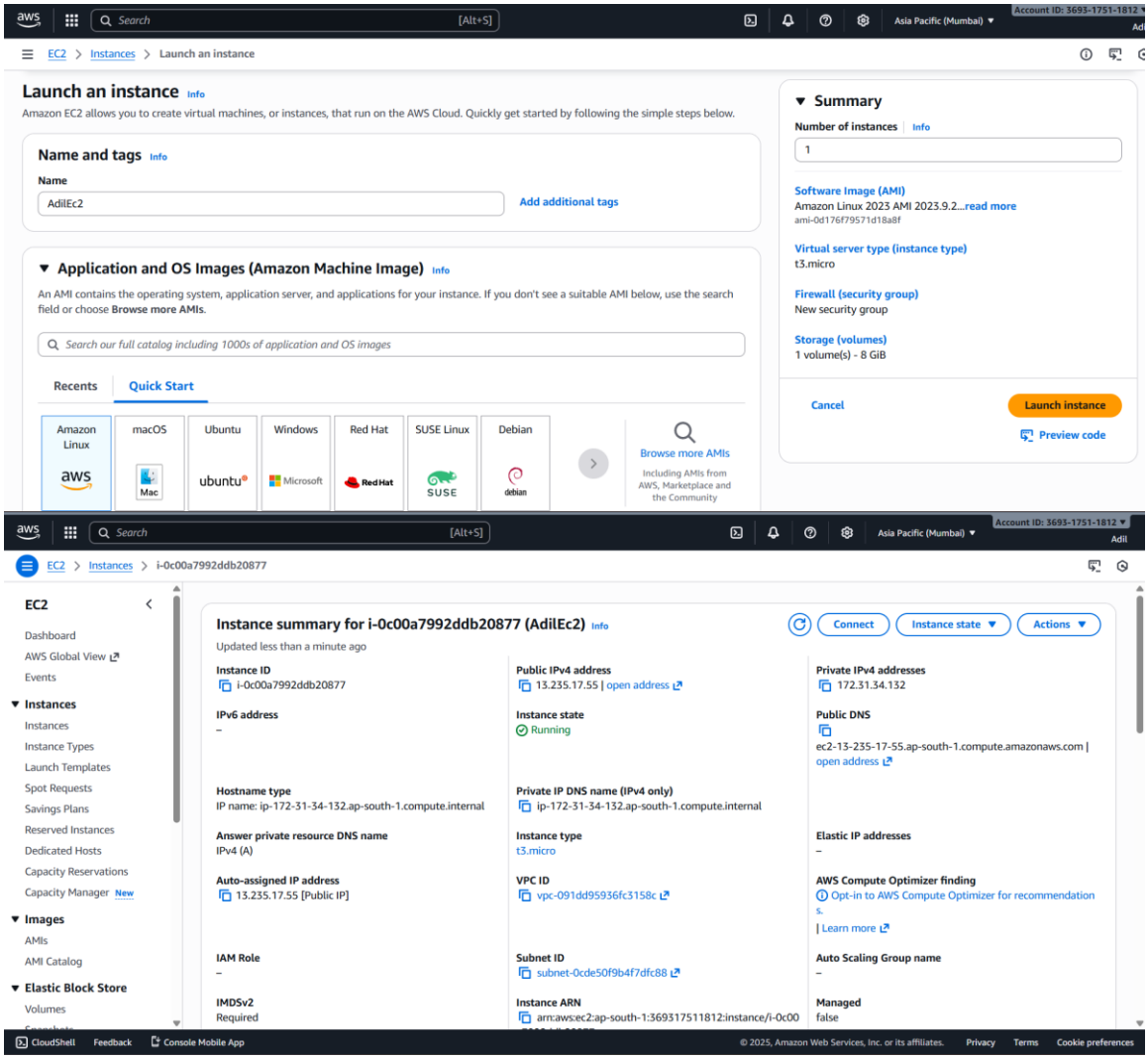
Host a Website on AWS Linux (Amazon Linux 2023)

STEP 1 — Launch an EC2 Instance

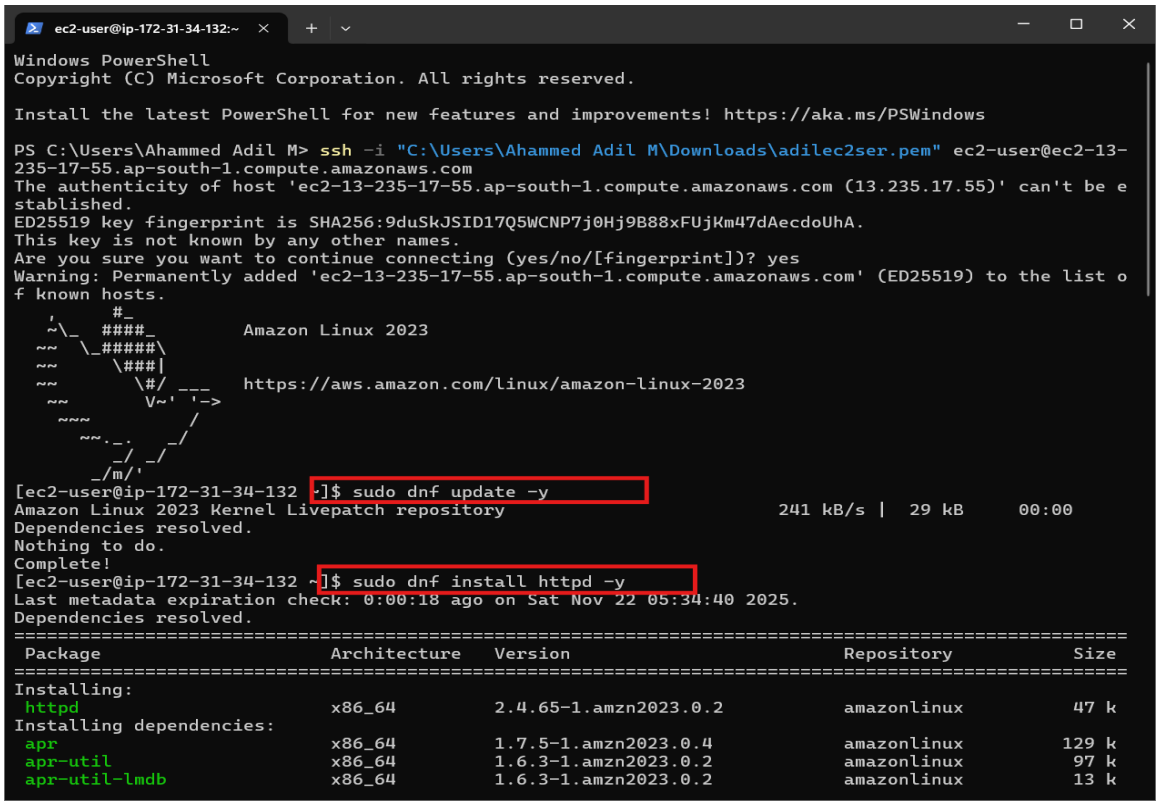
1. Go to AWS Console → EC2
2. Click 'Launch Instance'
3. Choose Amazon Linux 2023 AMI
4. Instance type: t2.micro
5. Create/select a key pair
6. Allow ports: SSH (22), HTTP (80)
7. Launch instance

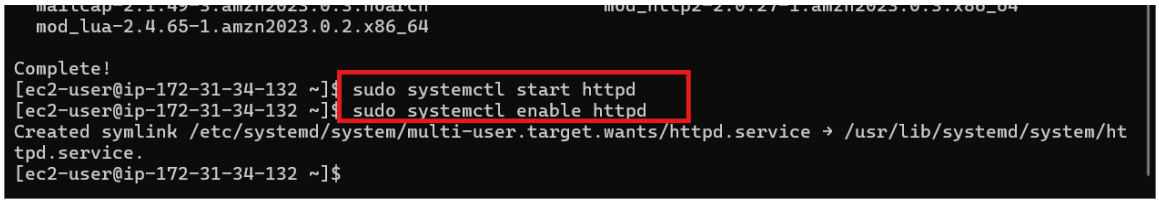
Screenshots:



STEP 2 — Connect to EC2
Windows PowerShell:
ssh -i "path/to/key.pem" ec2-user@YOUR_PUBLIC_IP

STEP 3 — Install Apache Web Server
sudo dnf update -y
sudo dnf install httpd -y
sudo systemctl start httpd
sudo systemctl enable httpd
screenshots:



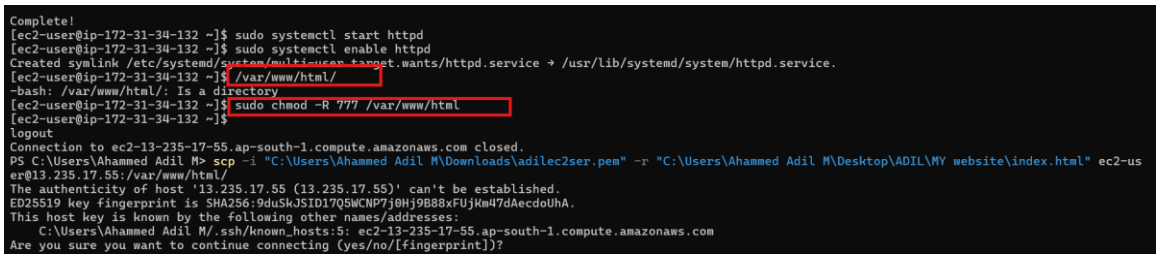


STEP 4 — Upload Website Files

Website folder: /var/www/html/

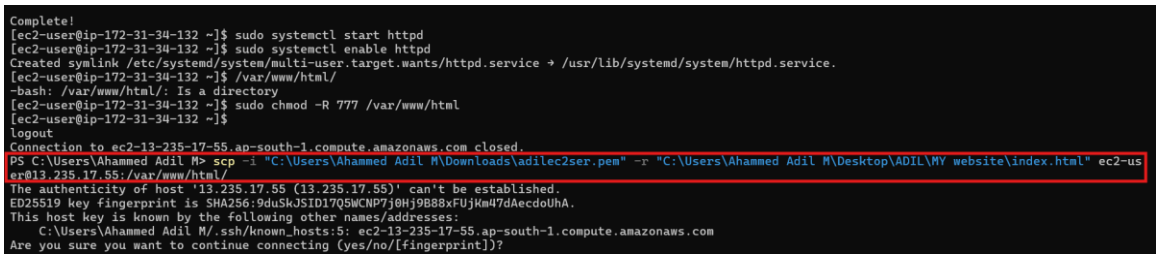
Permissions:

sudo chmod -R 777 /var/www/html



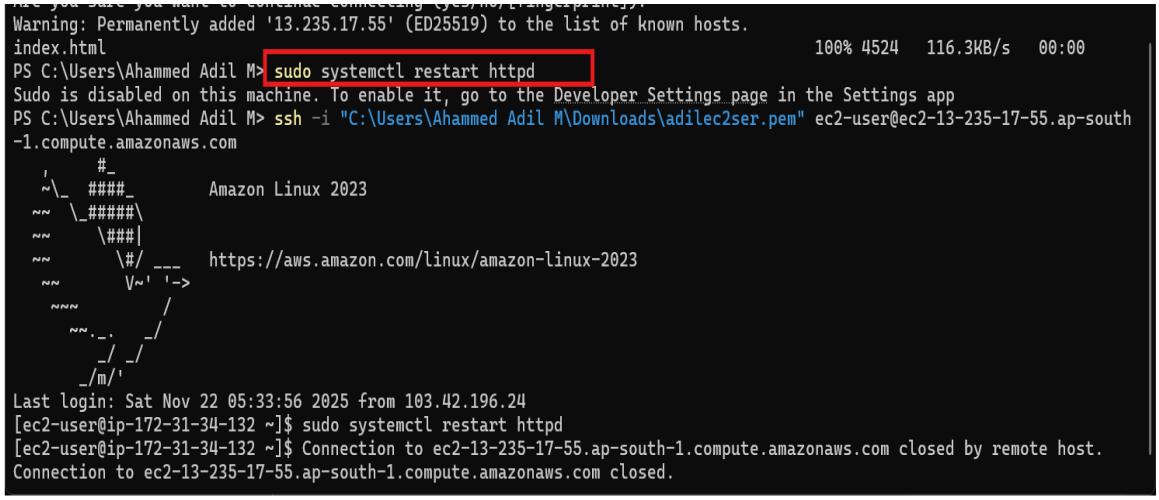
Upload from Windows:

scp -i "path/to/key.pem" -r "path/to/website/*" ec2-user@YOUR_PUBLIC_IP:/var/www/html/



STEP 5 — Restart Apache

sudo systemctl restart httpd



STEP 6 — View Website

Open browser:

http://YOUR_PUBLIC_IP