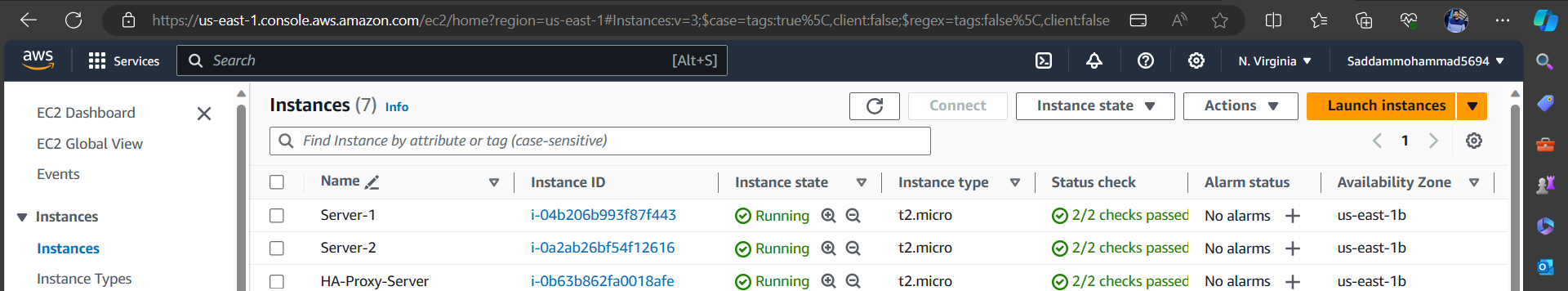
# **Configure HA Proxy Server:**

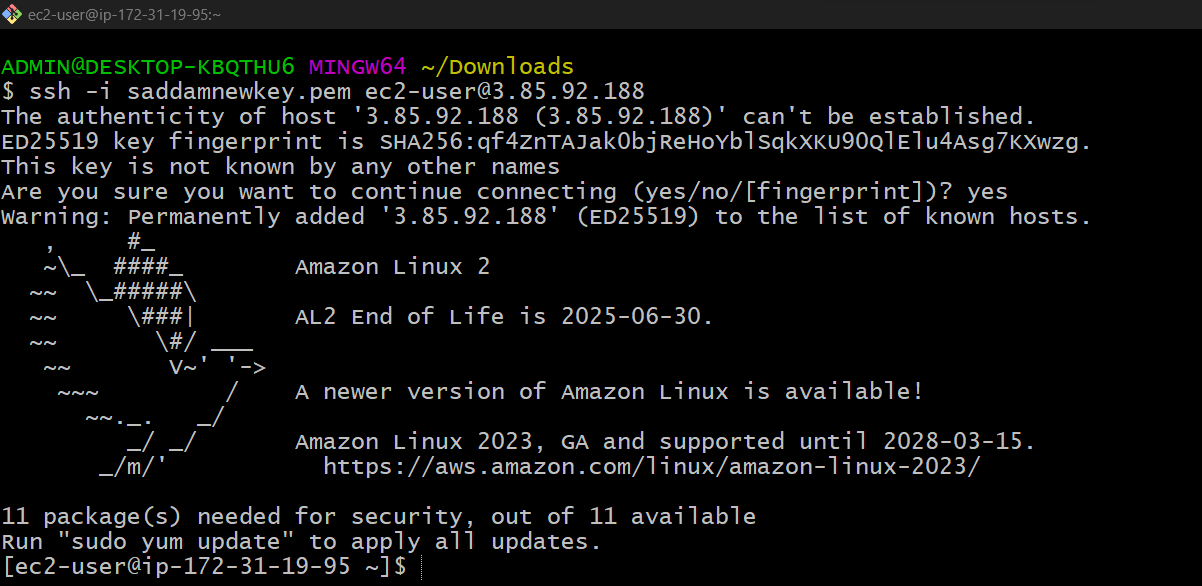
**Launch 3 ec2 instances name as Server1, Server-2, HA-Proxy-Server.**

Server-1 Steps:

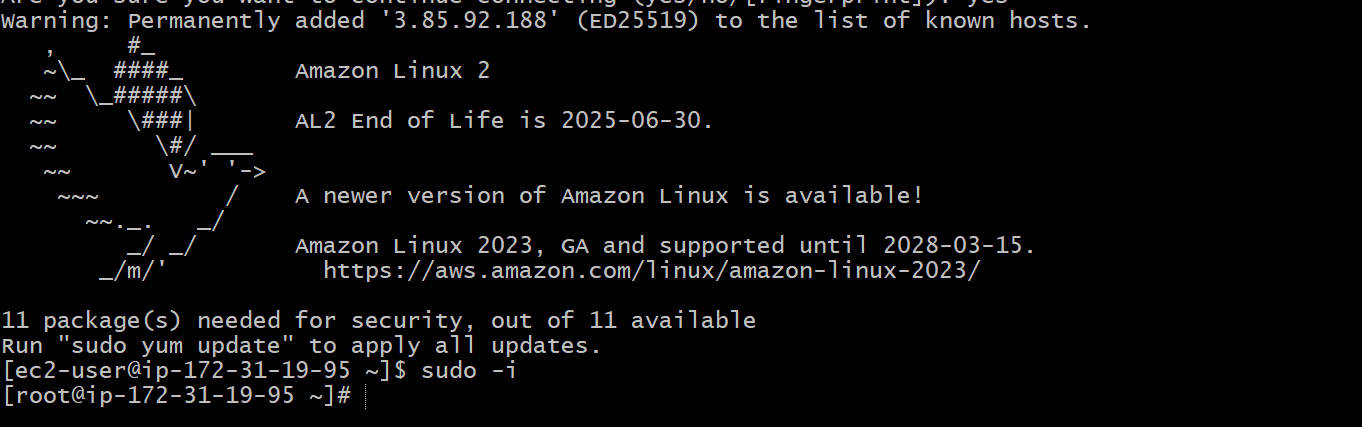


Run following command to Access the Server-1

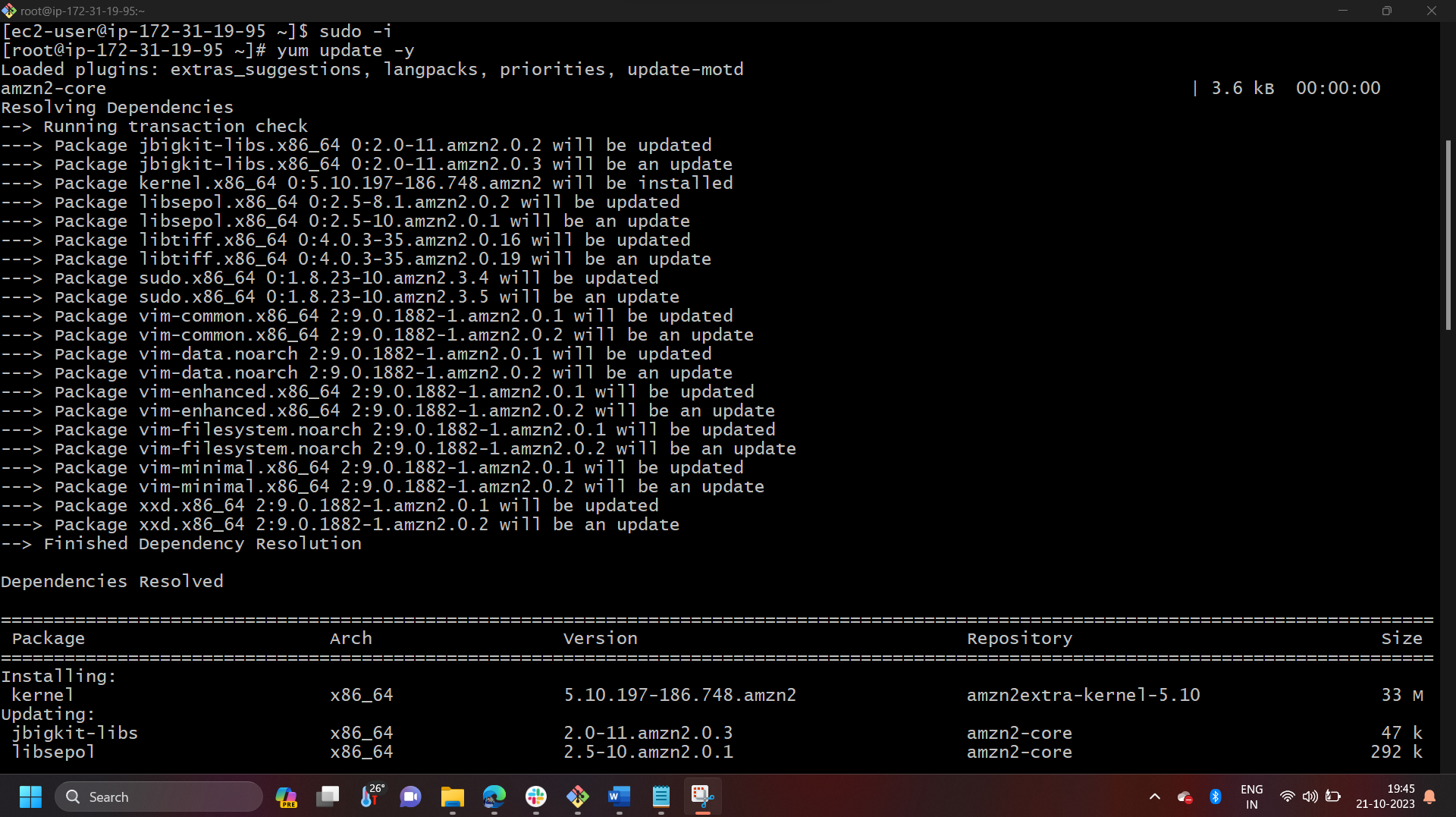
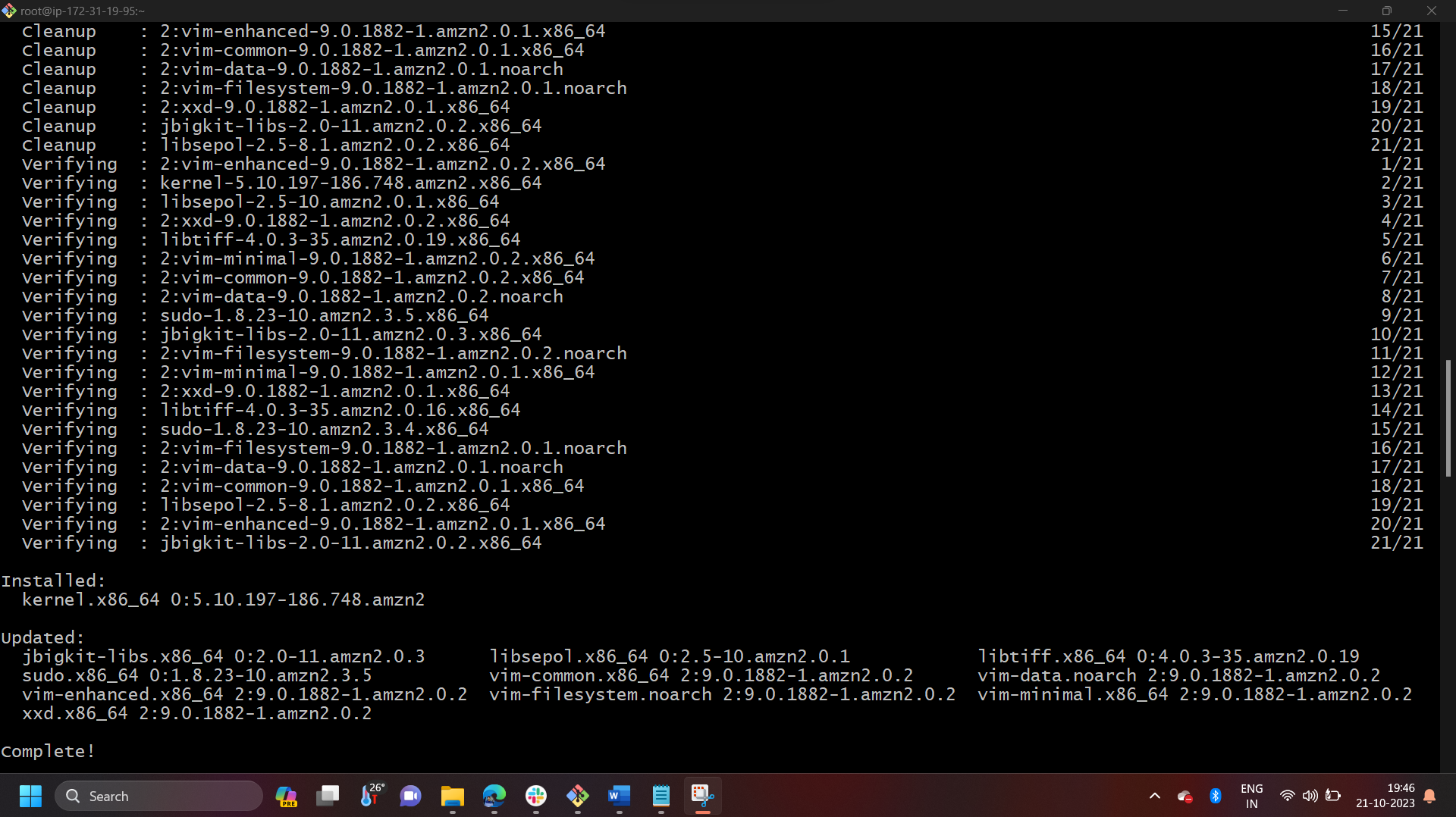
* ssh -i your-key.pem ec2-user@Pubipaddress of Server-1 instance



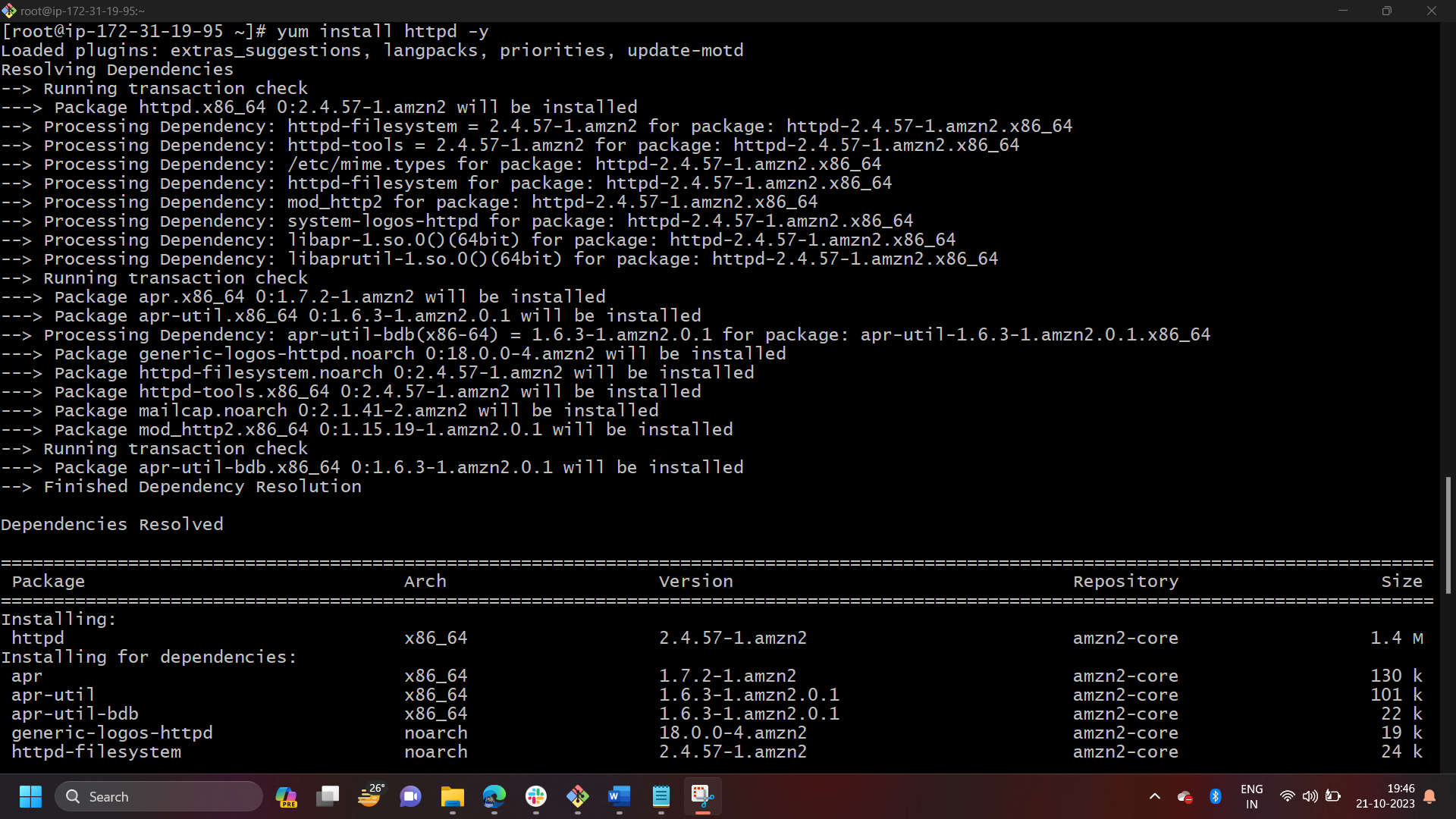
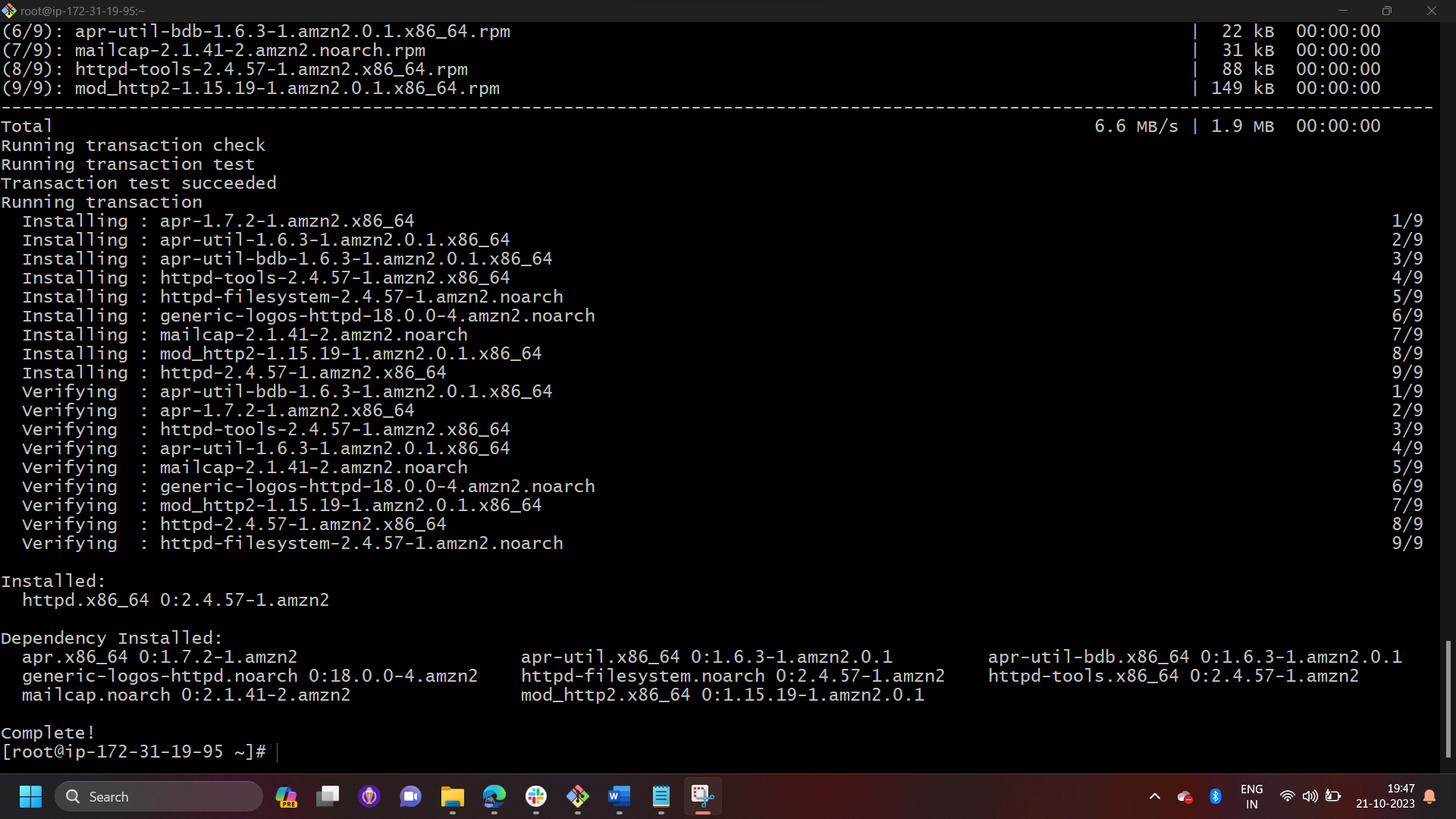
* sudo -i



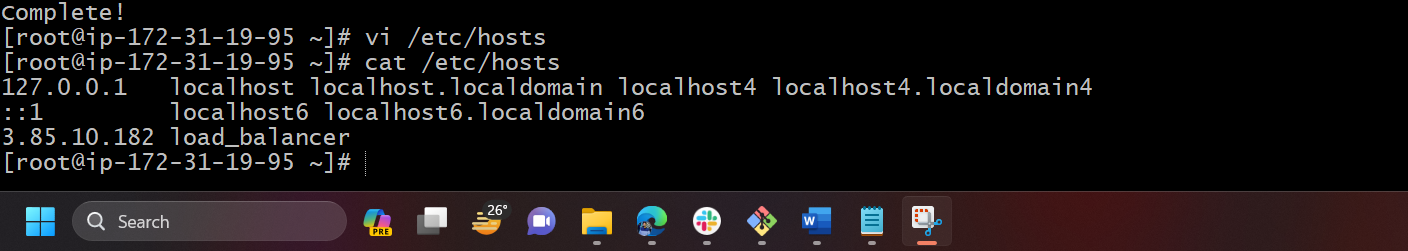
* yum update -y

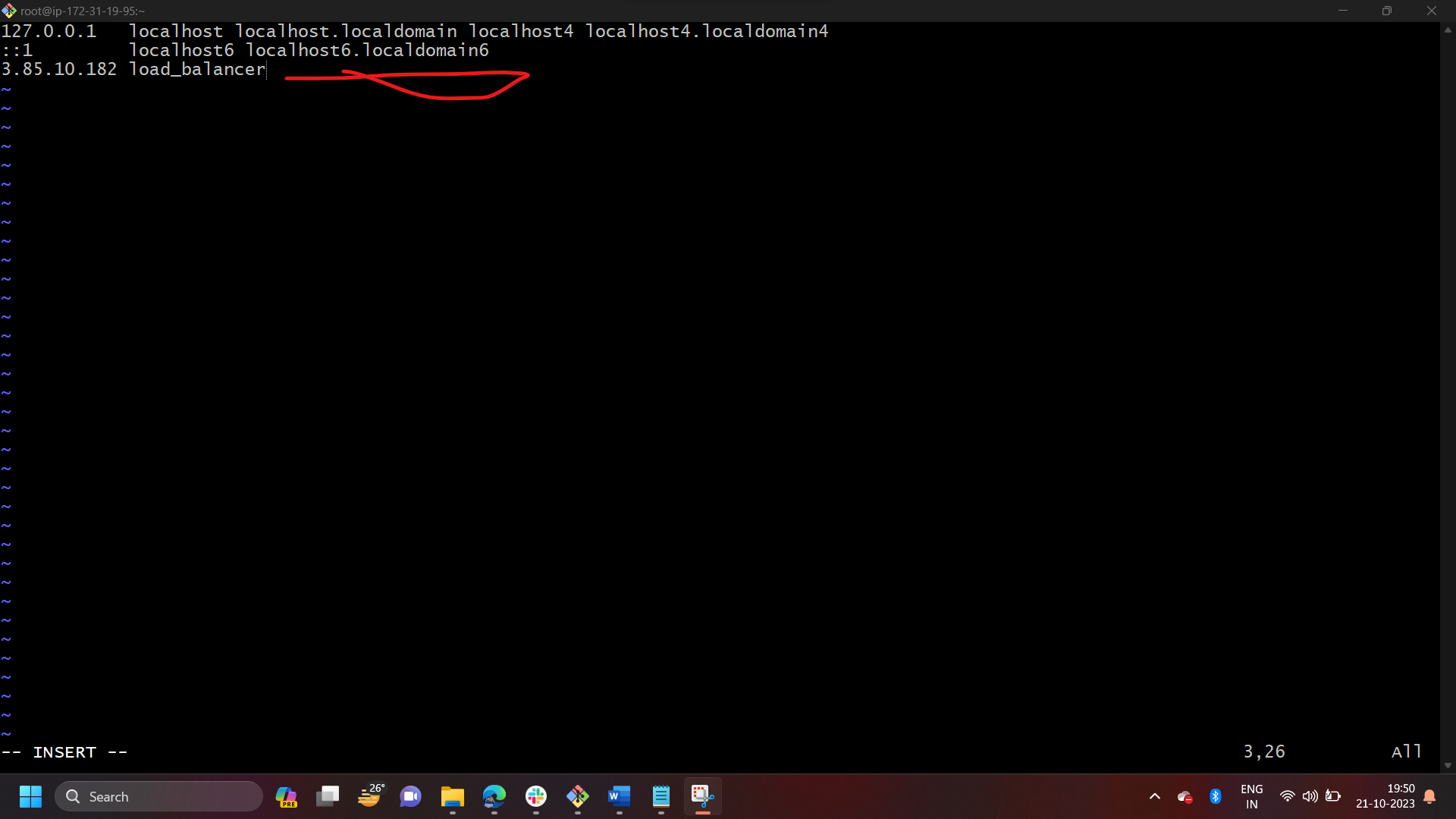
 

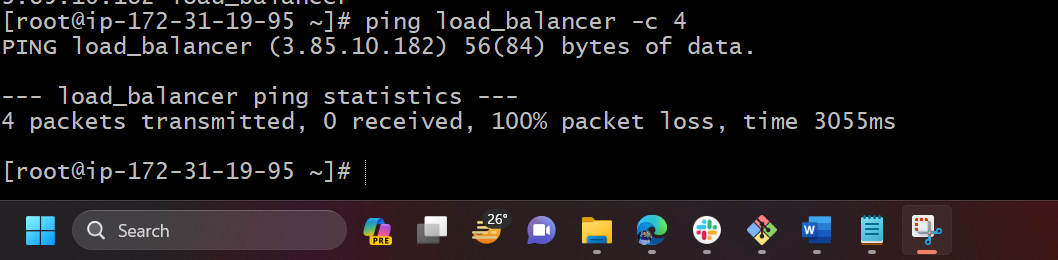
* Yum install httpd -y

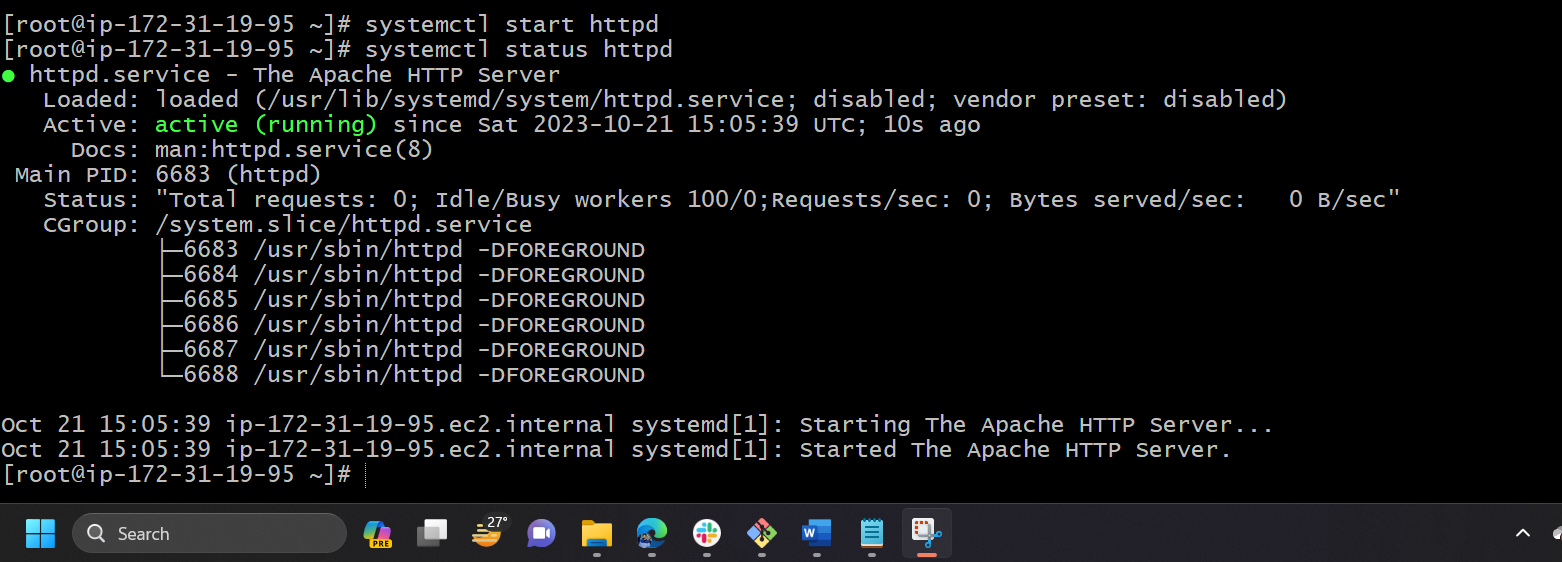
* Vi /etc/hosts
* Add HA-Proxy-Server Pubic IP Address





Run below command on Server-1  
ping load\_balancer -c 4  


* systemctl start httpd
* systemctl status httpd



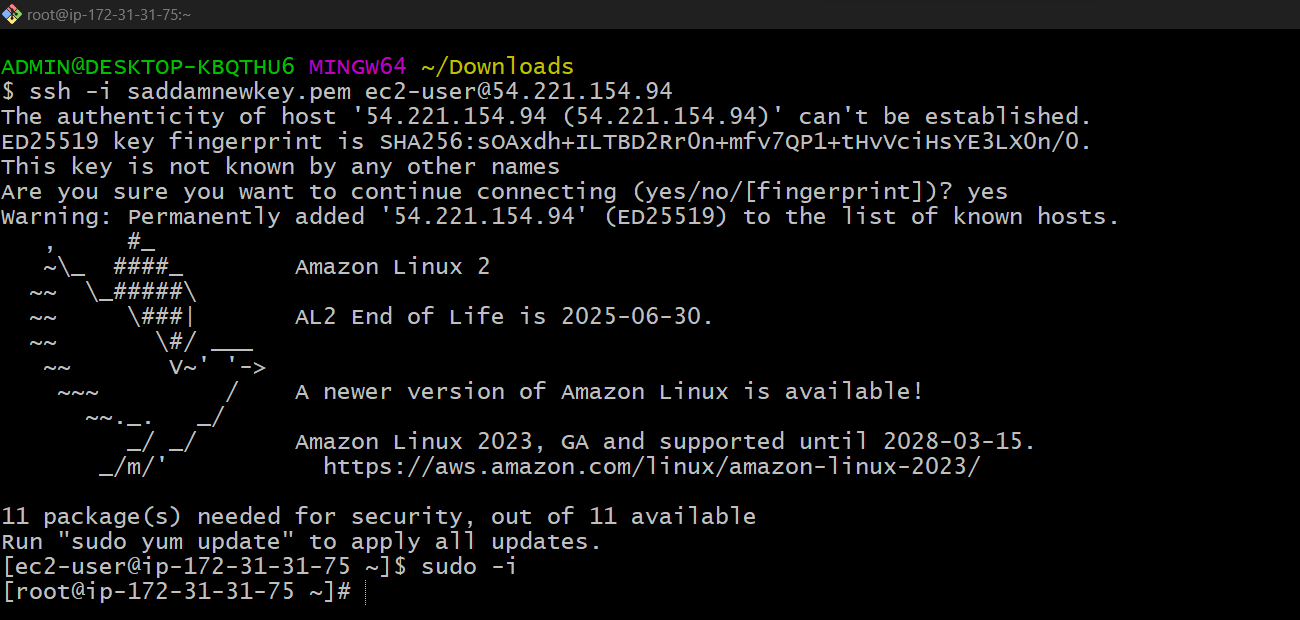
Browse with Server-1 Public IP address:80 it will work



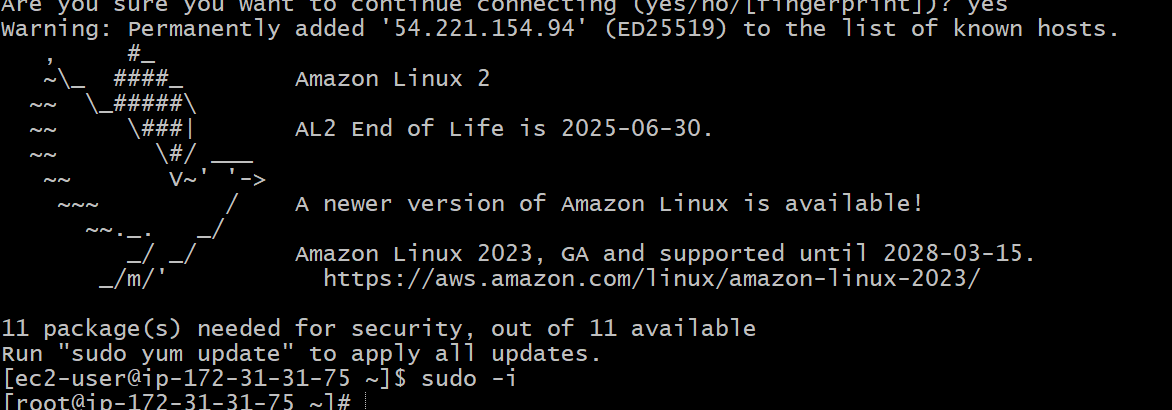
Server-2 Steps:

Run following command to Access Server-2

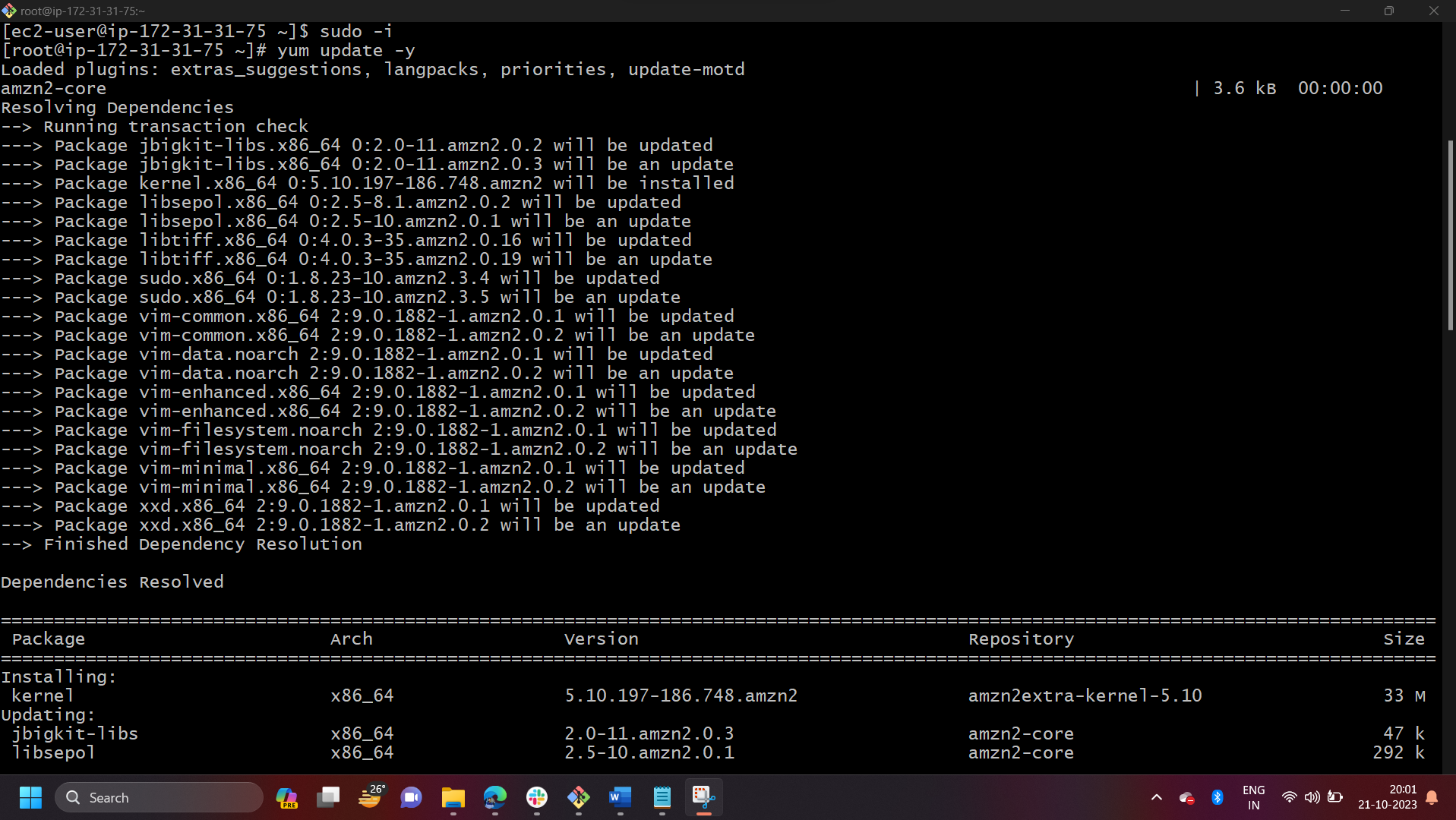
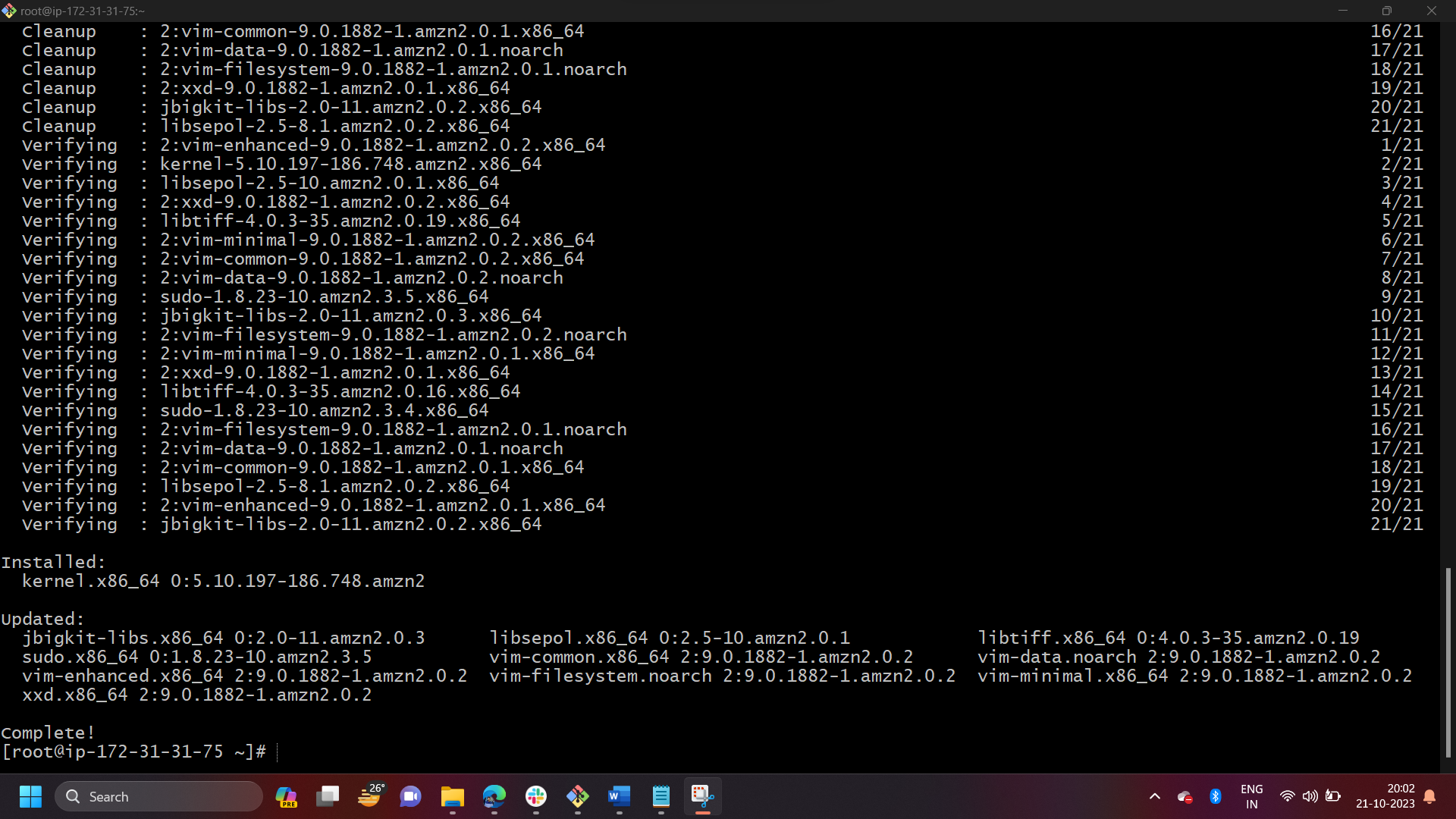
* ssh -i your-key.pem ec2-user@Pubipaddress of Server-2 instance



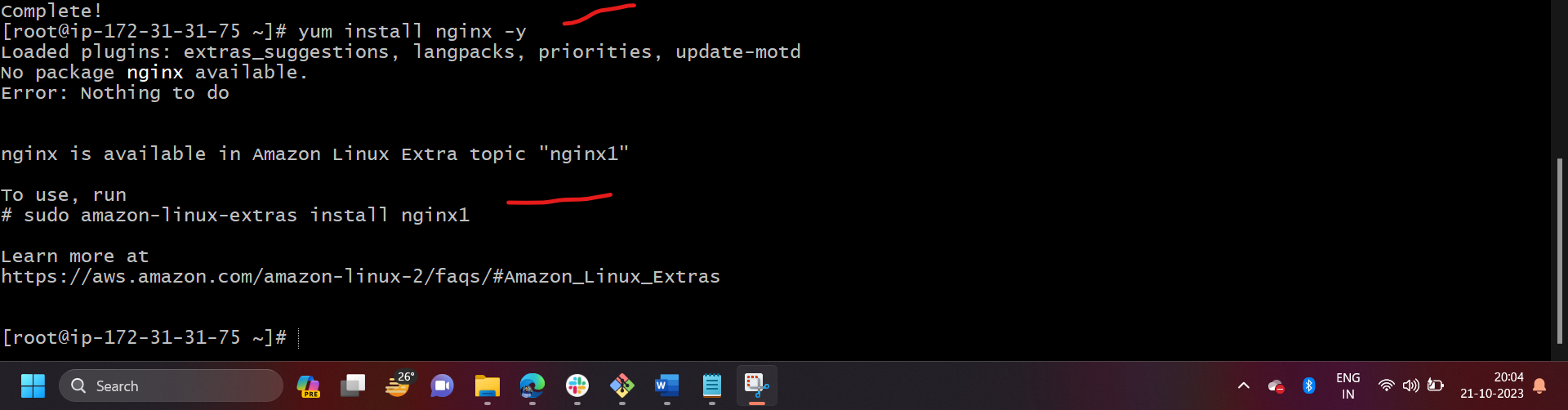
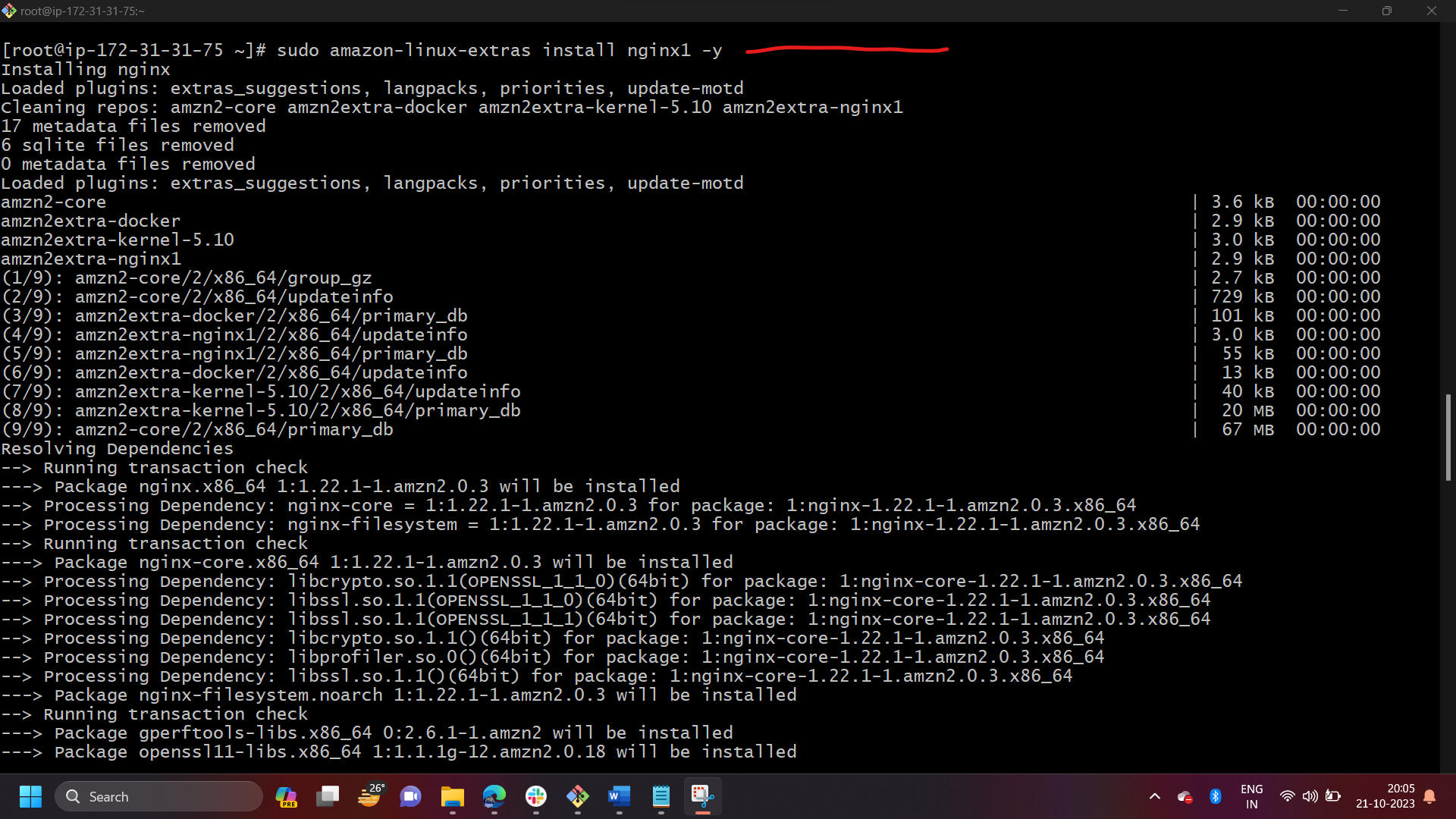
* sudo -i



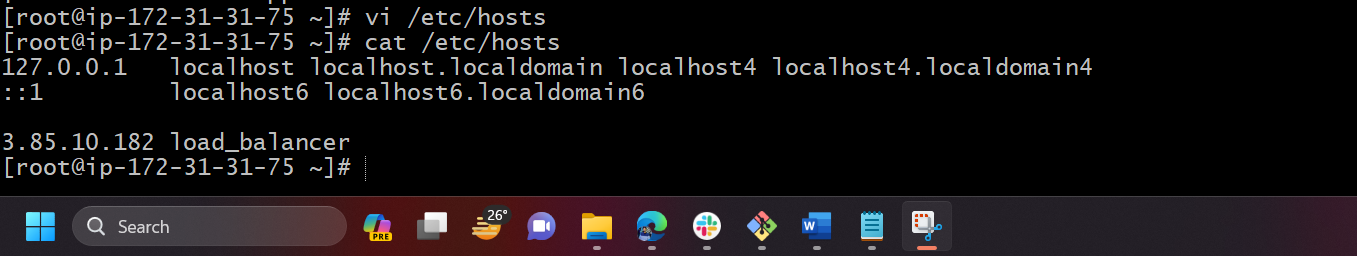
* yum update -y

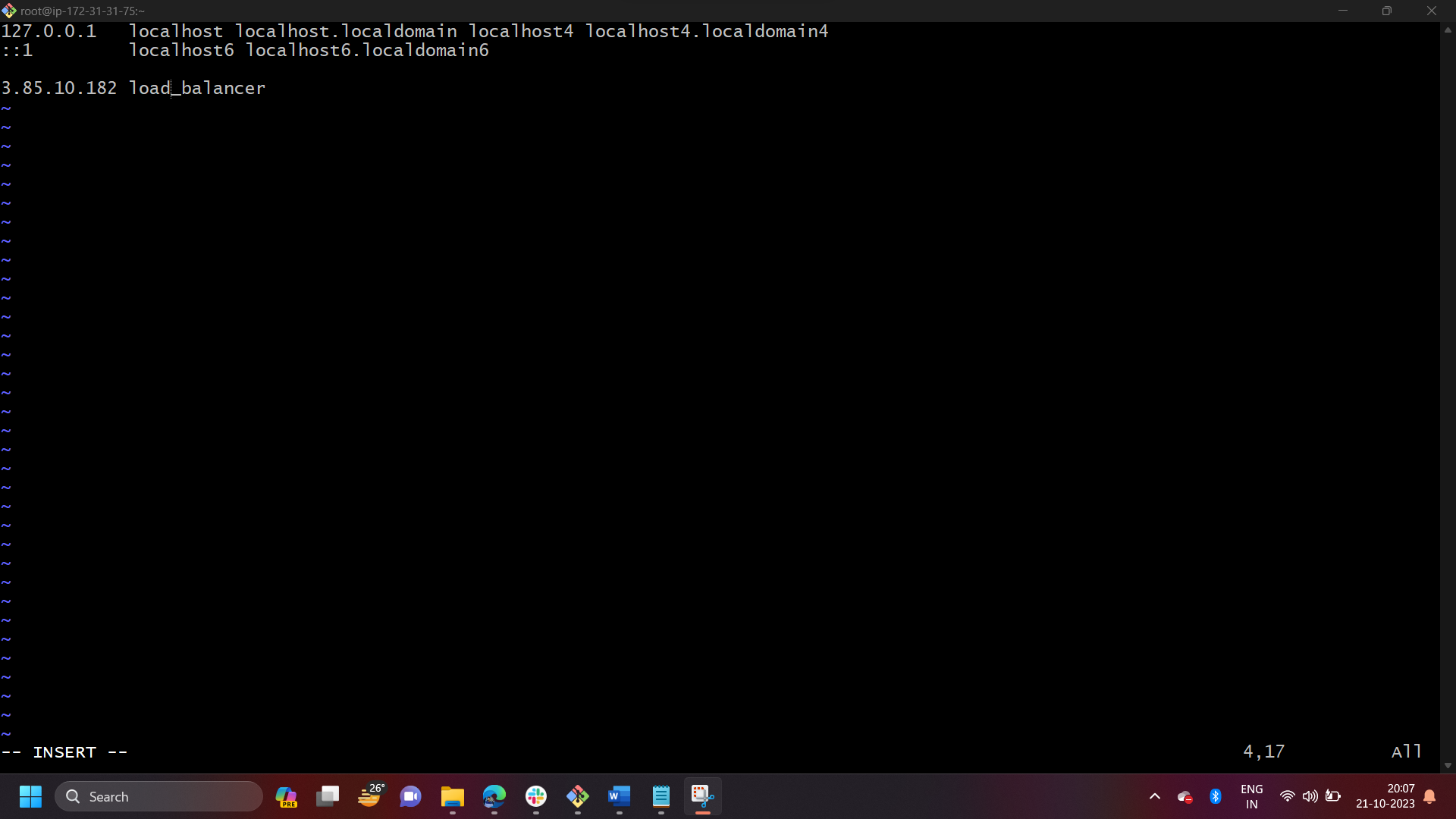
 

* yum install nginx -y
* sudo amazon-linux-extras install nginx1 -y

* vi /etc/hosts
* Add HA-Proxy-Server Pubic IP Address

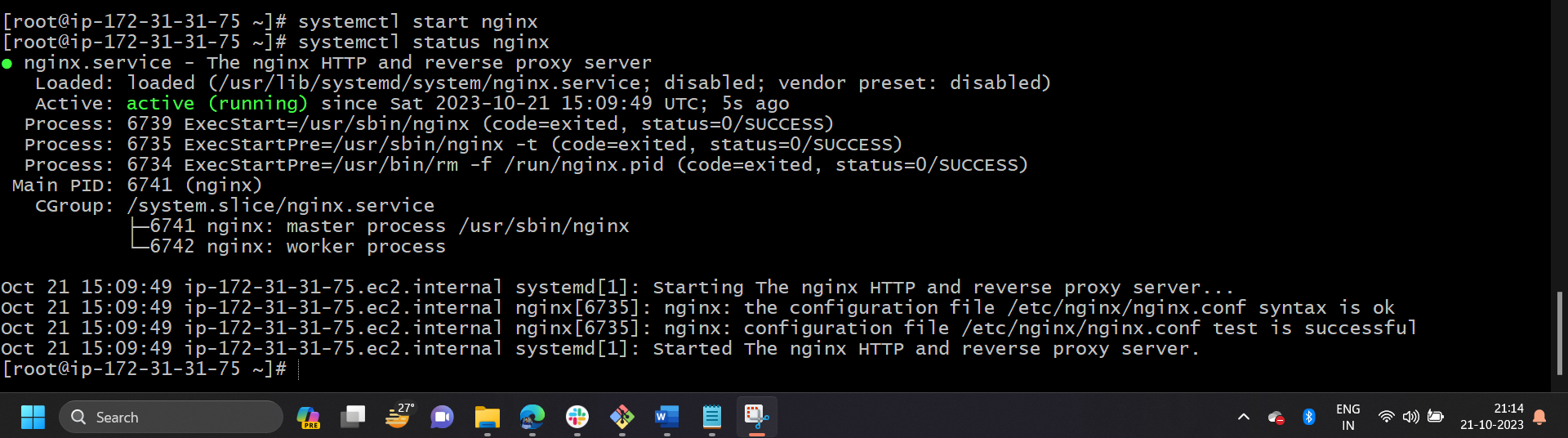




Run below command on Server-2  
ping load\_balancer -c 4



* systemctl start nginx
* systemctl status nginx

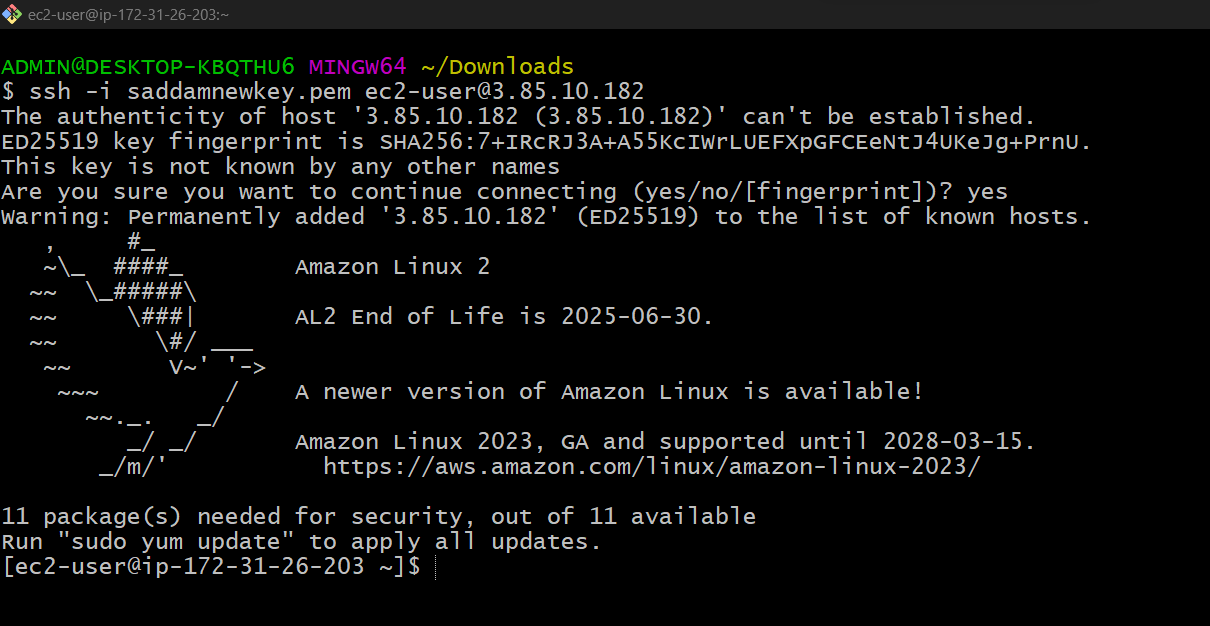


Browse with Server-2 Public IP address:80 it will work

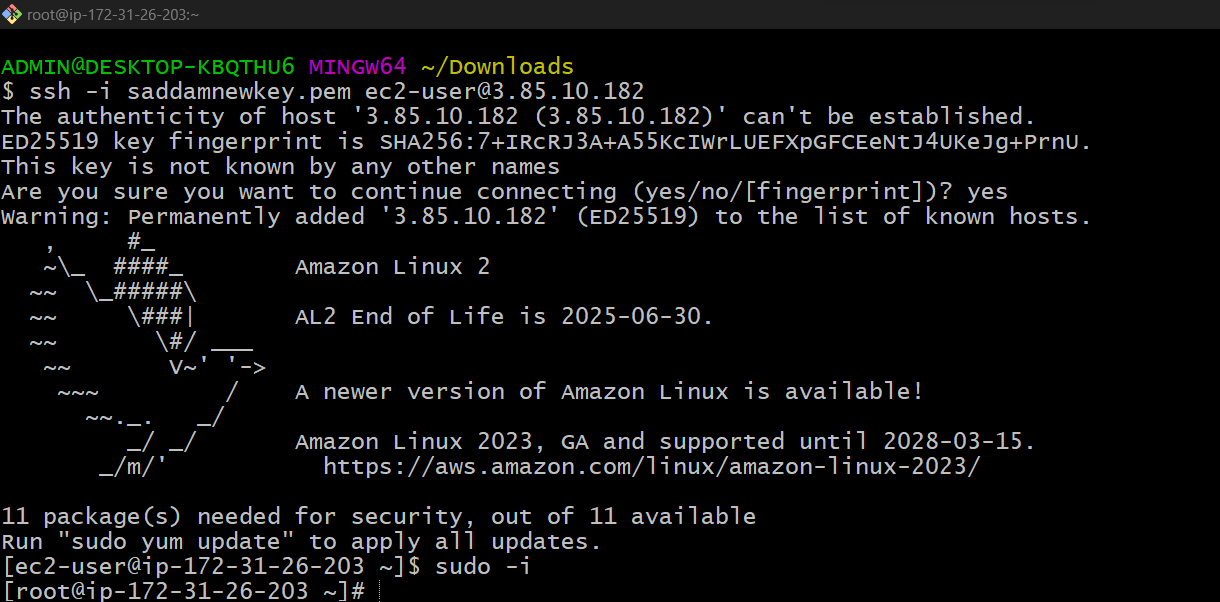
HA-Proxy-Server Steps:

Run following command to Access HA-Proy-Server

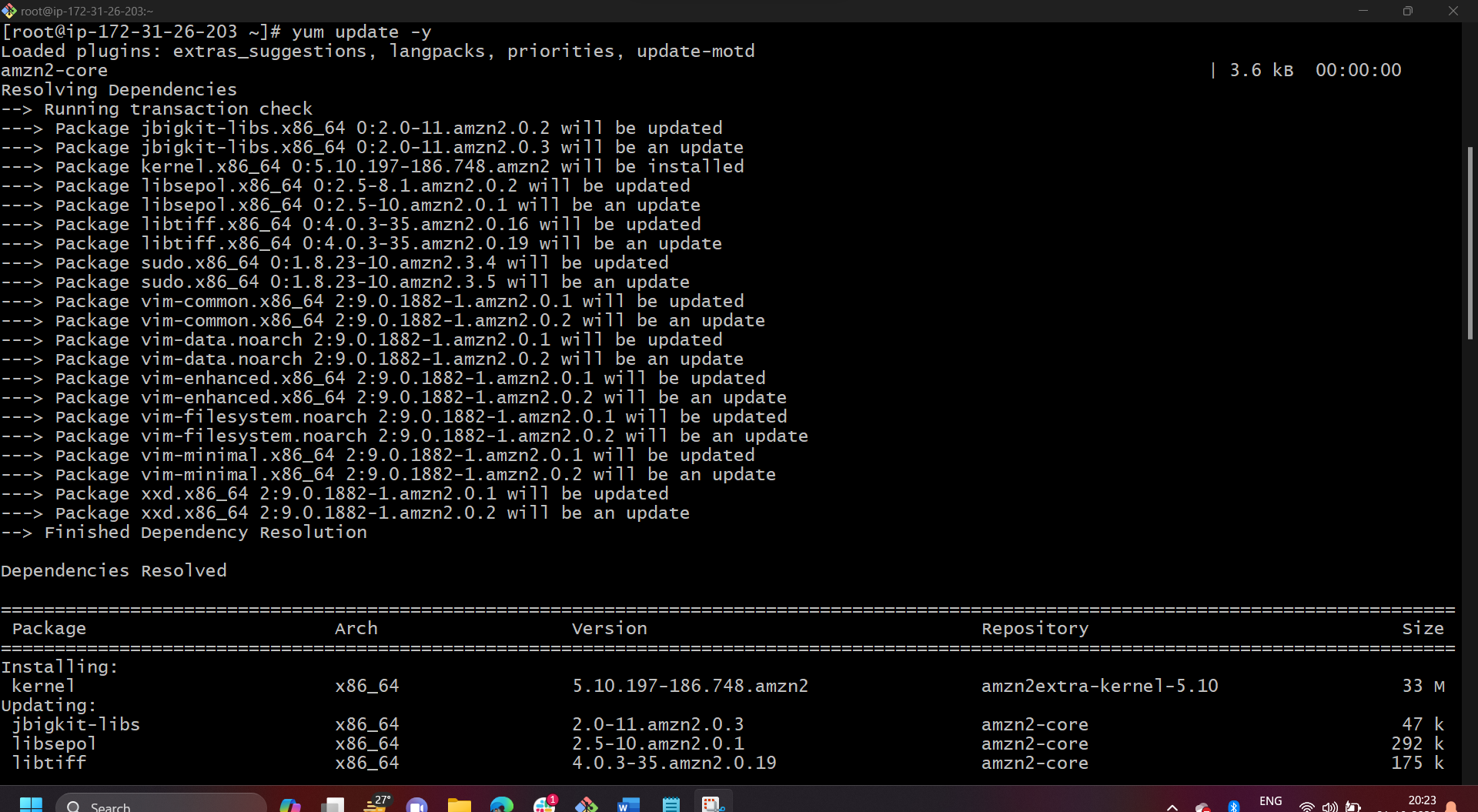
* ssh -i your-key.pem ec2-user@Pubipaddress of HA-Proxy-Server instance

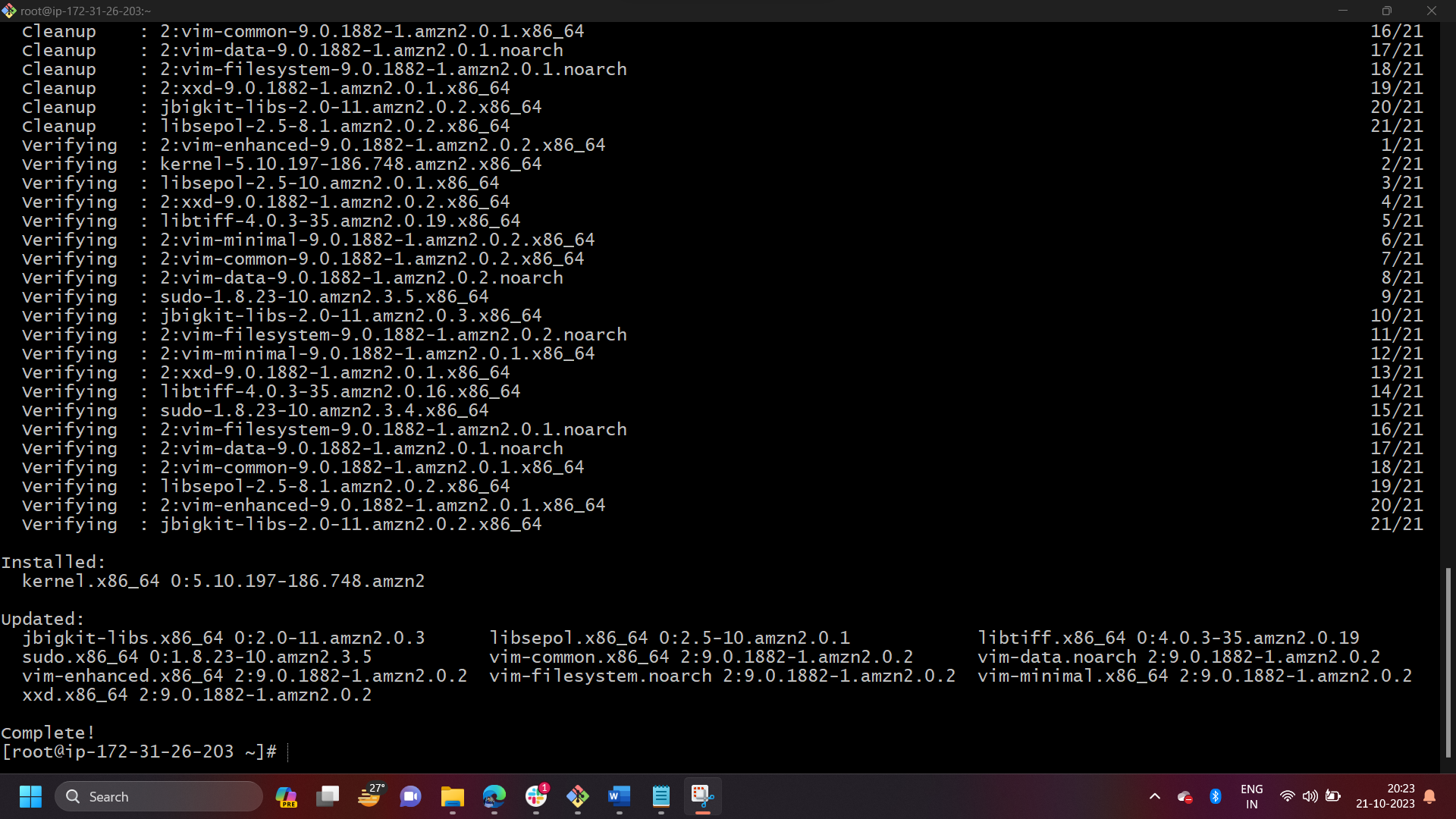


* sudo -i

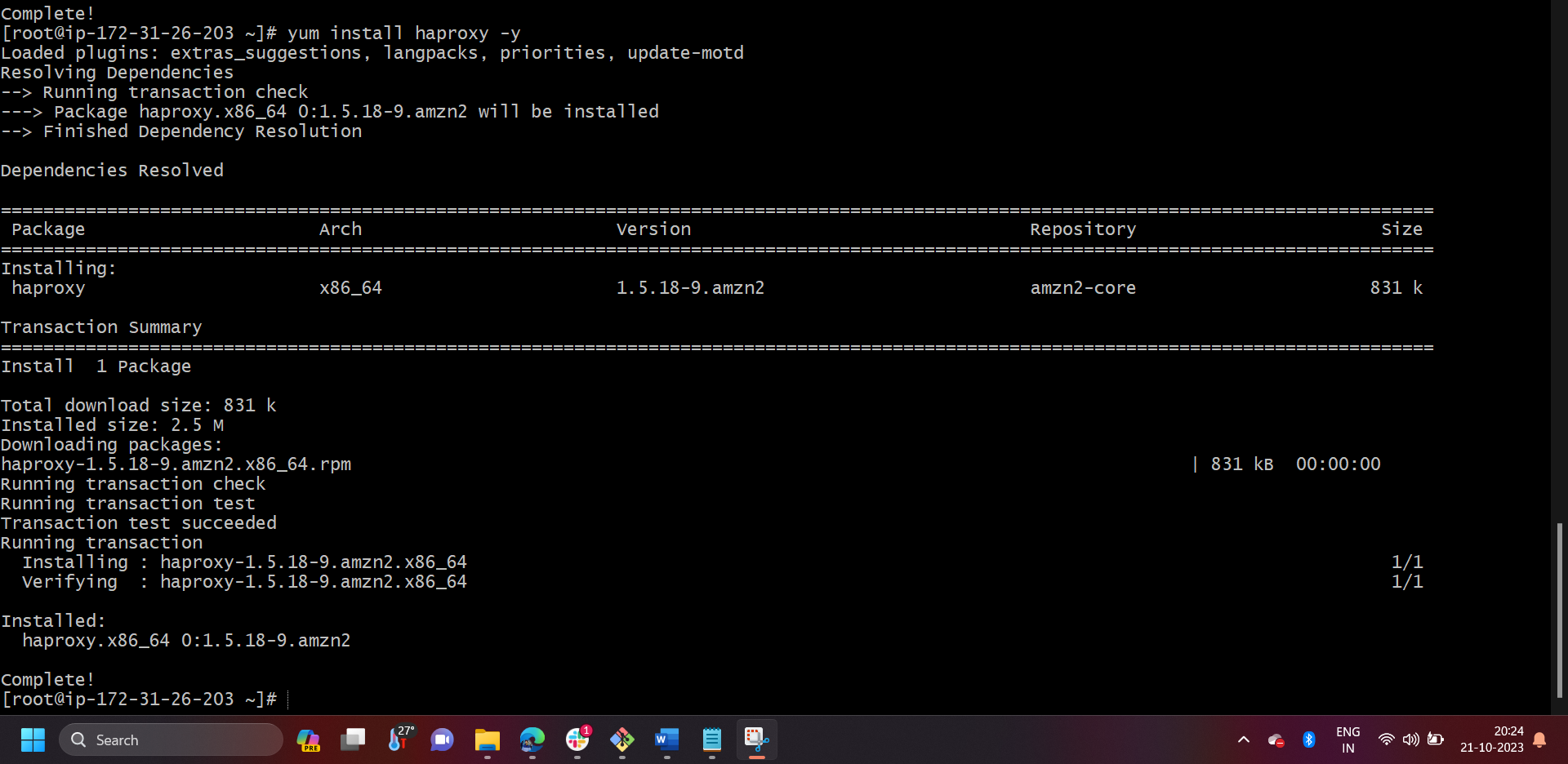


* yum update -y

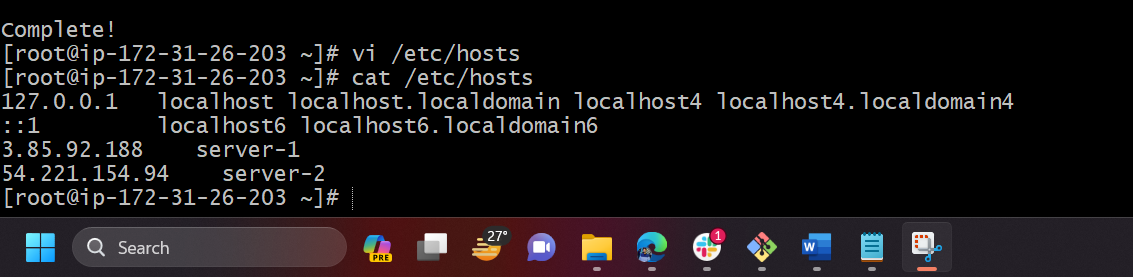


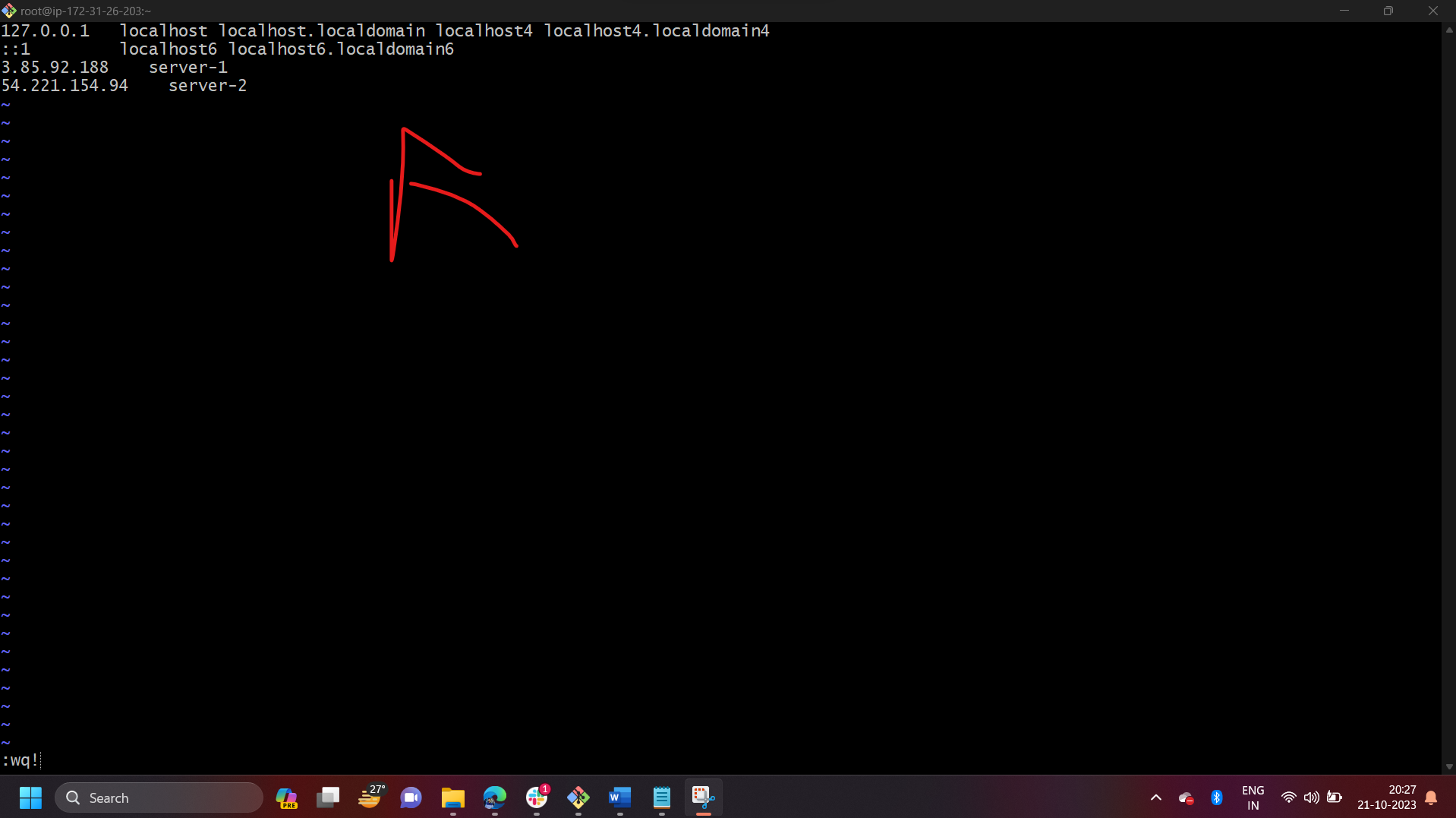


* yum install haproxy -y

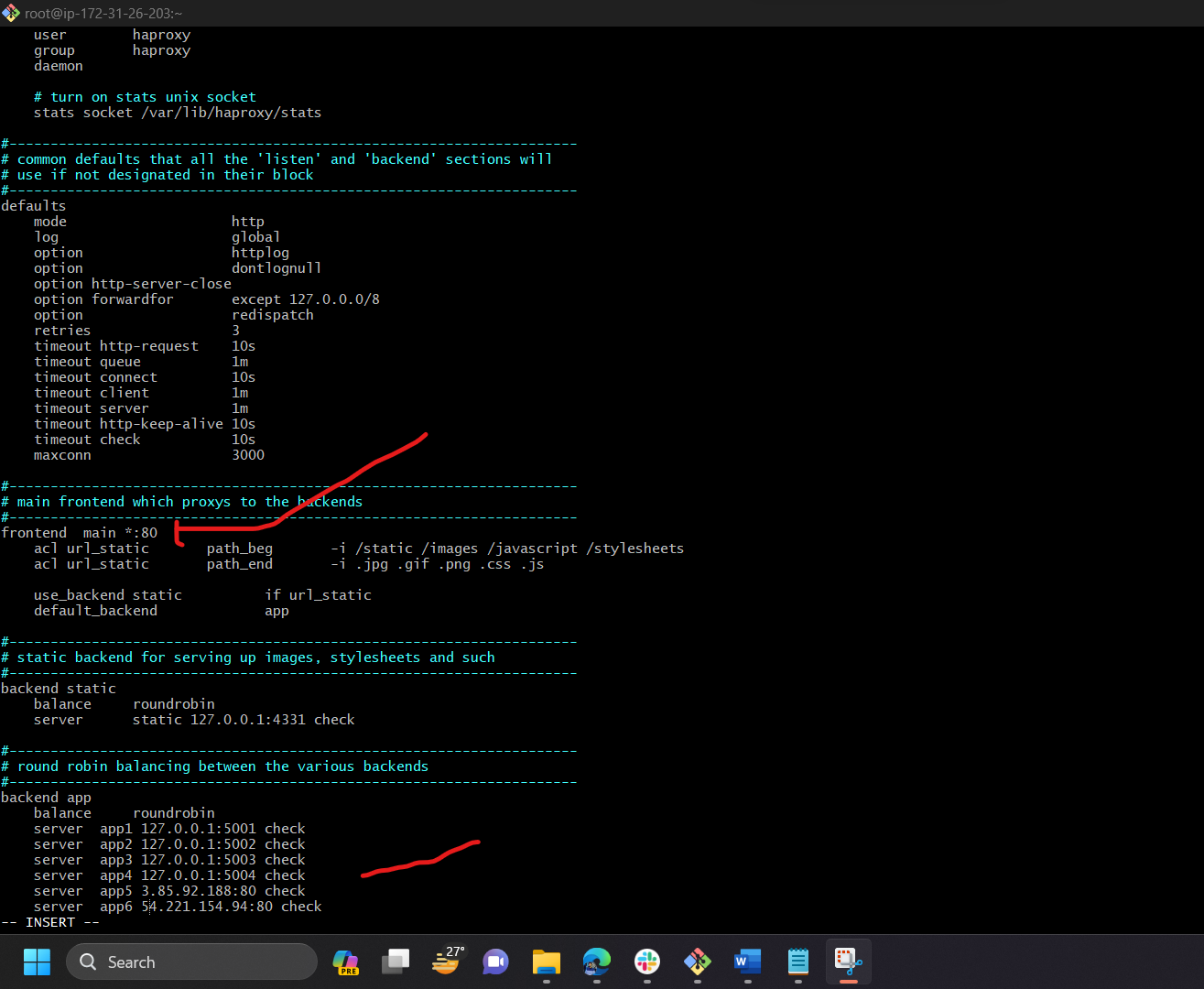


* vi /etc/hosts
* Add Server-1, Server-2 Public IP’s

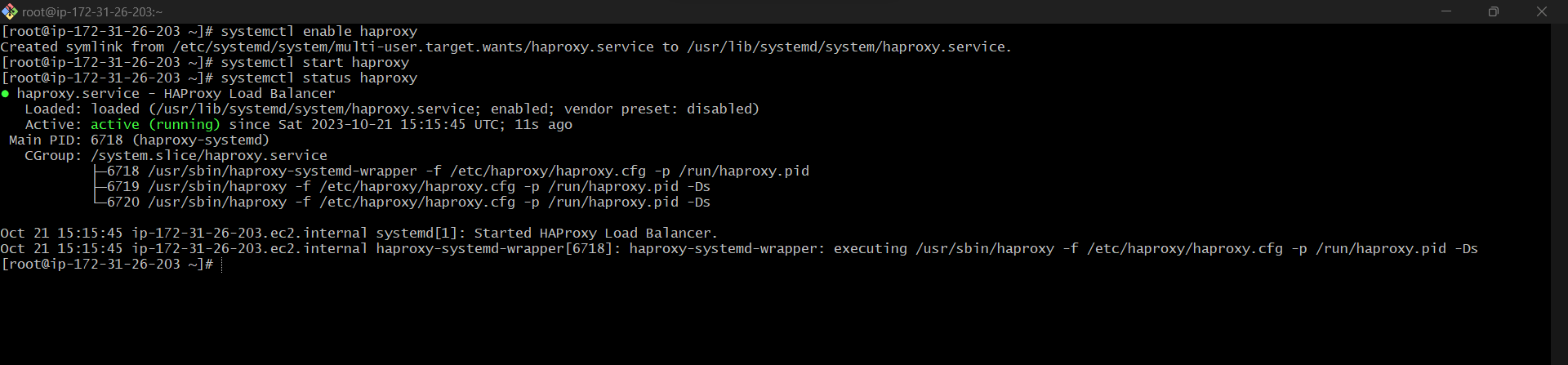




* vi /etc/haproxy/haproxy.cfg
* Add Server-1, Server-2 public IP’s



* systemctl enable haproxy
* systemctl start haproxy
* systemctl status haproxy



* now browse with HA-Proxy-Server PublicIP:80 it will distribute load to Server-1, Server-2