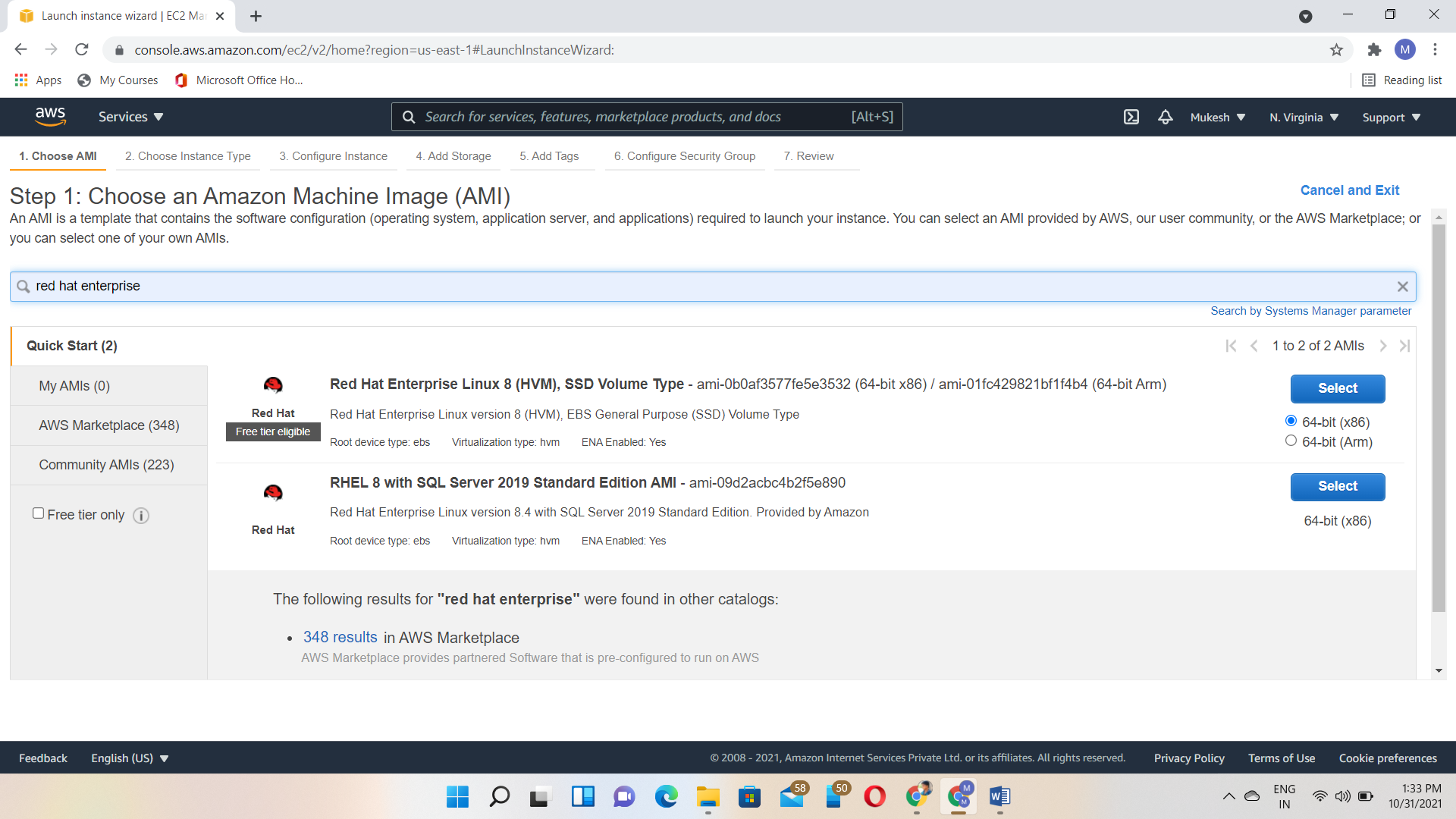
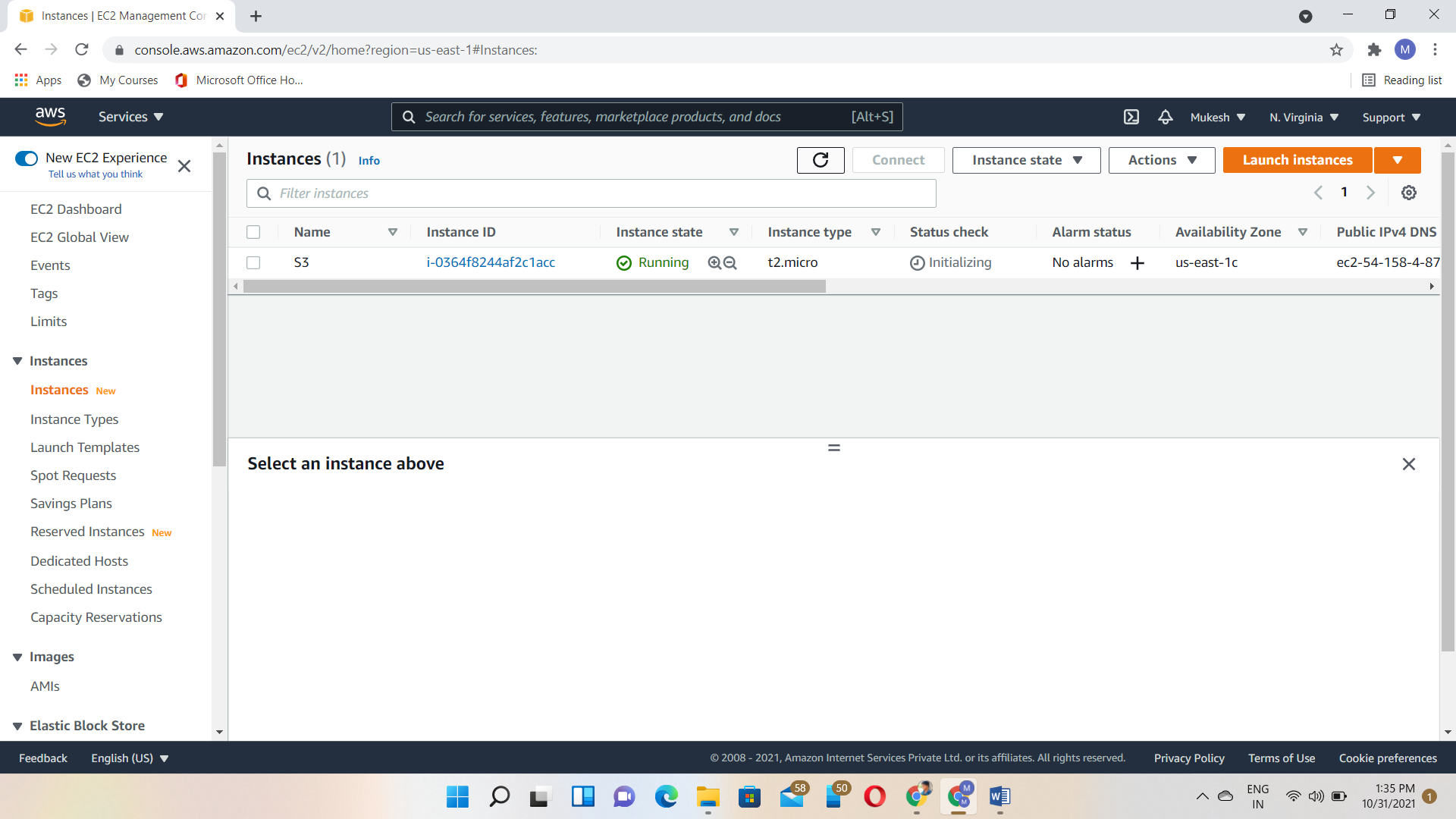
**Lab2-s3**

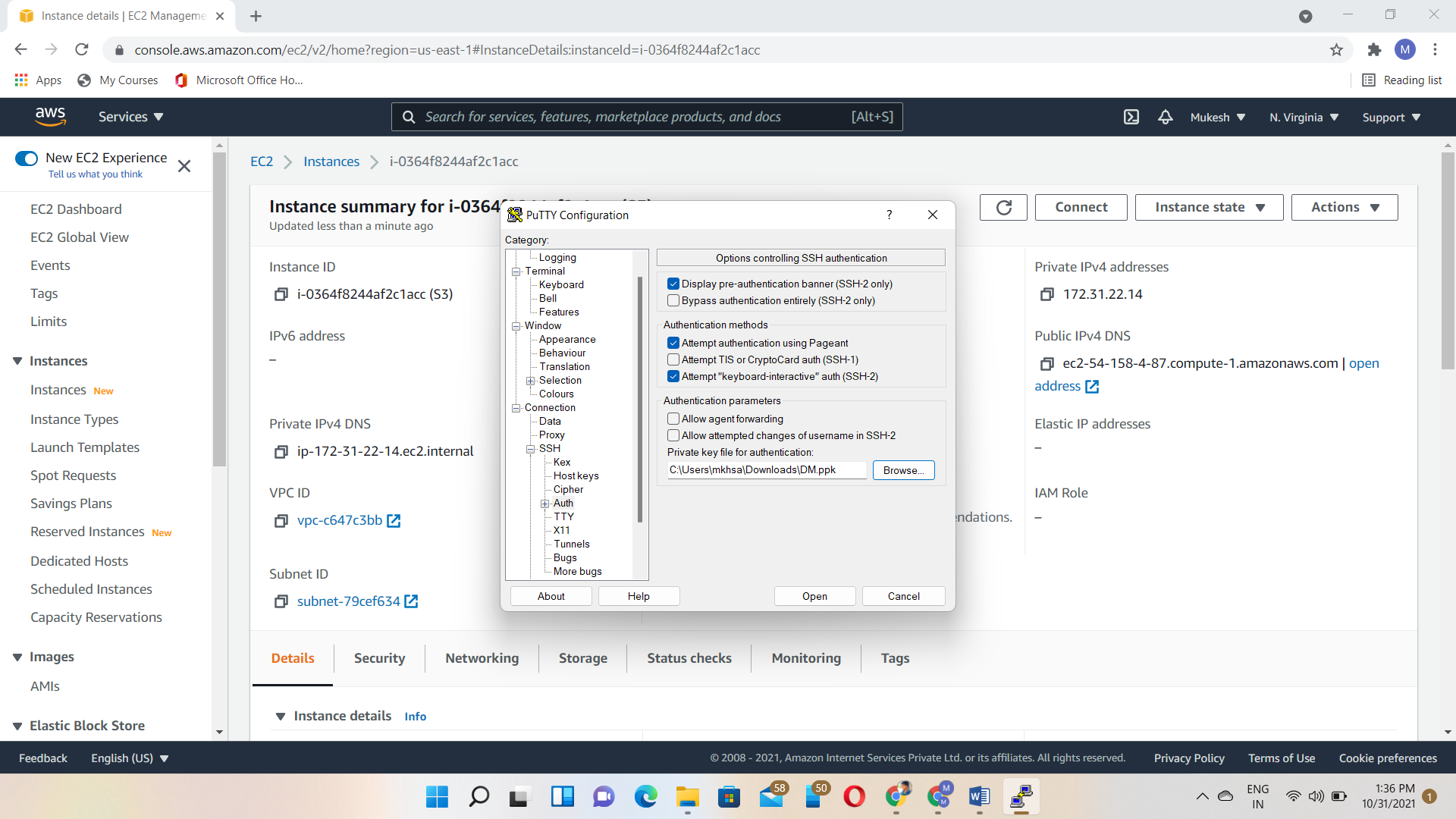
Create RHEL 8 ec2 instance



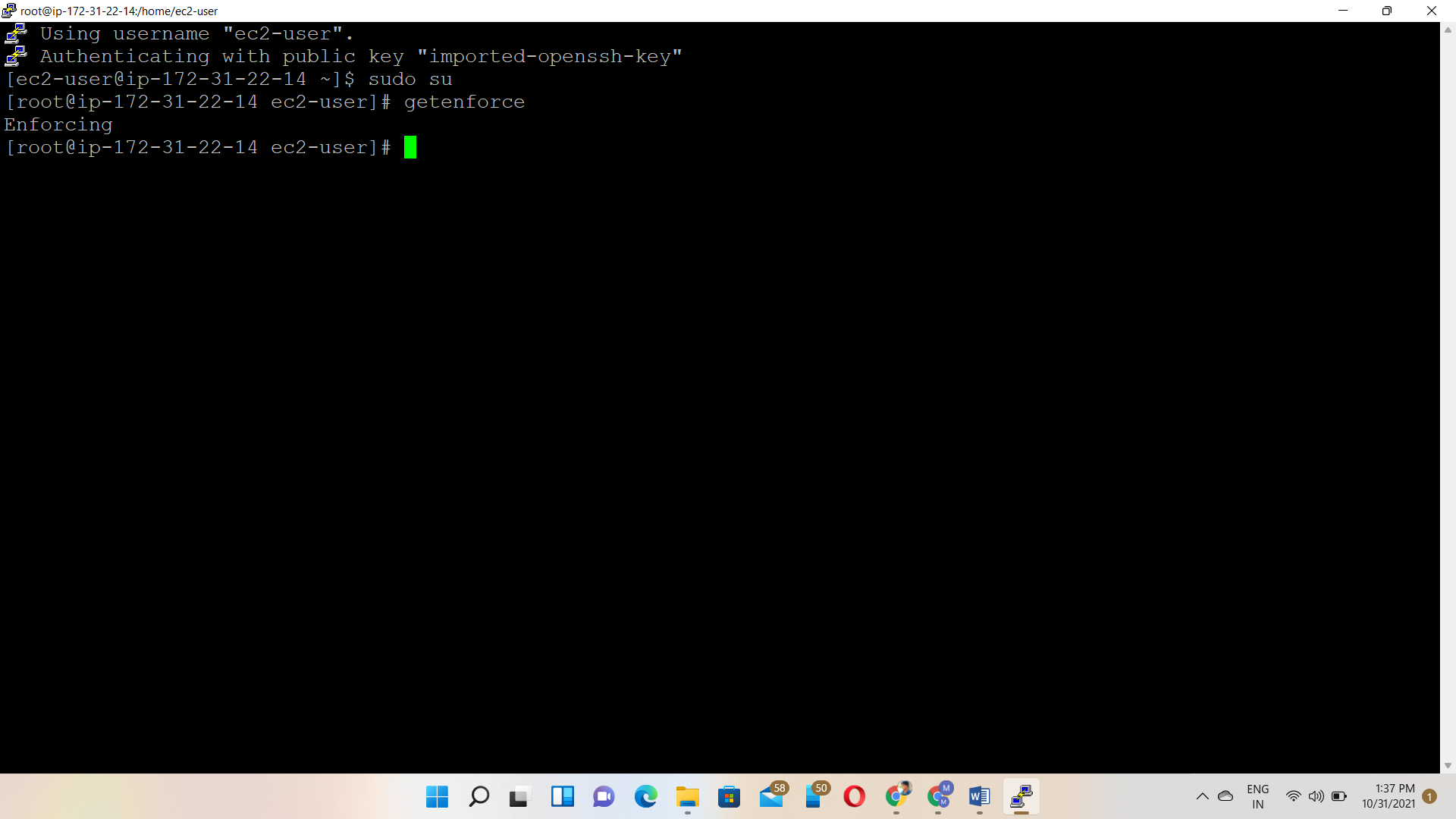
Instance created



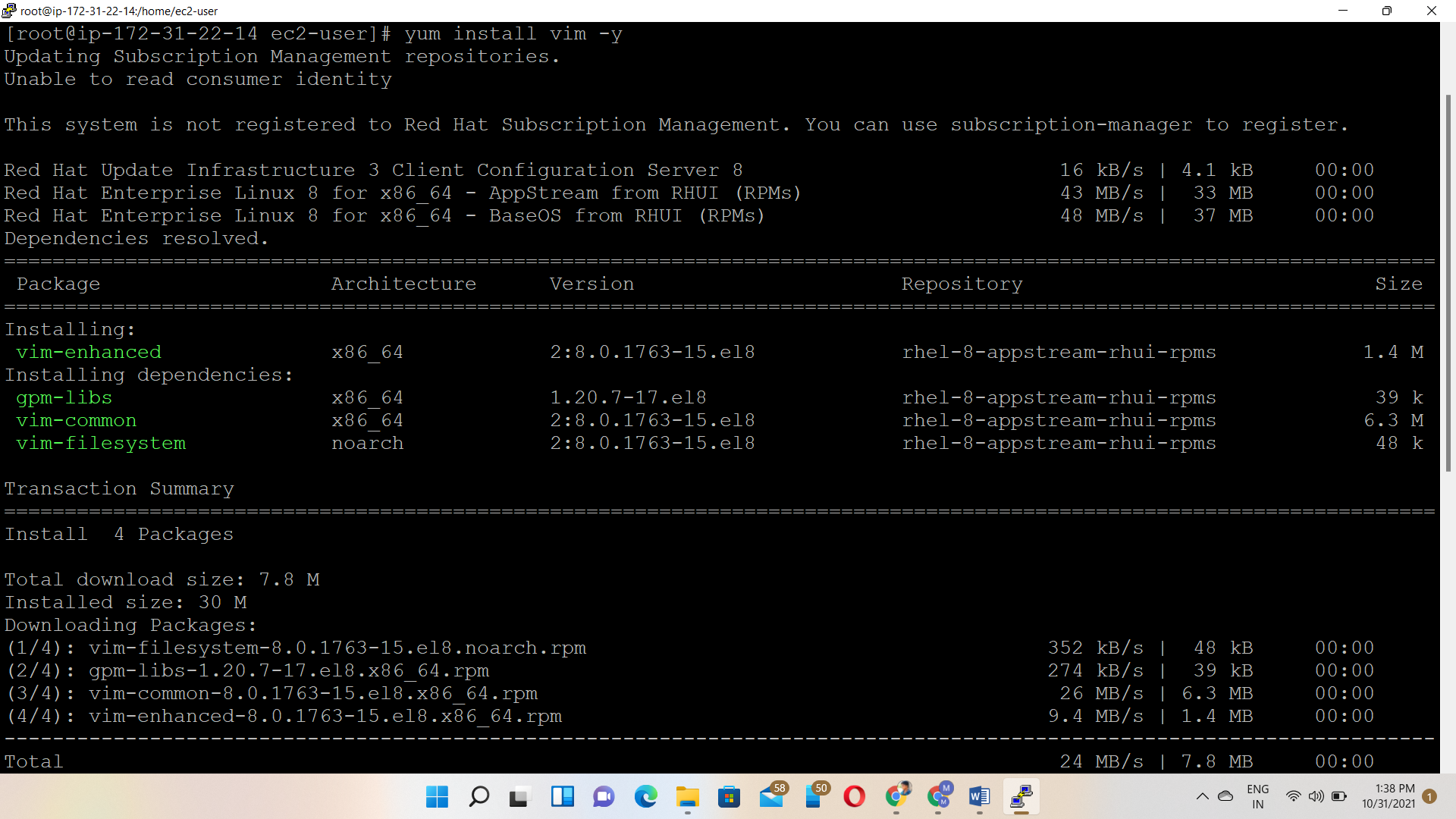
Login to the instance via putty



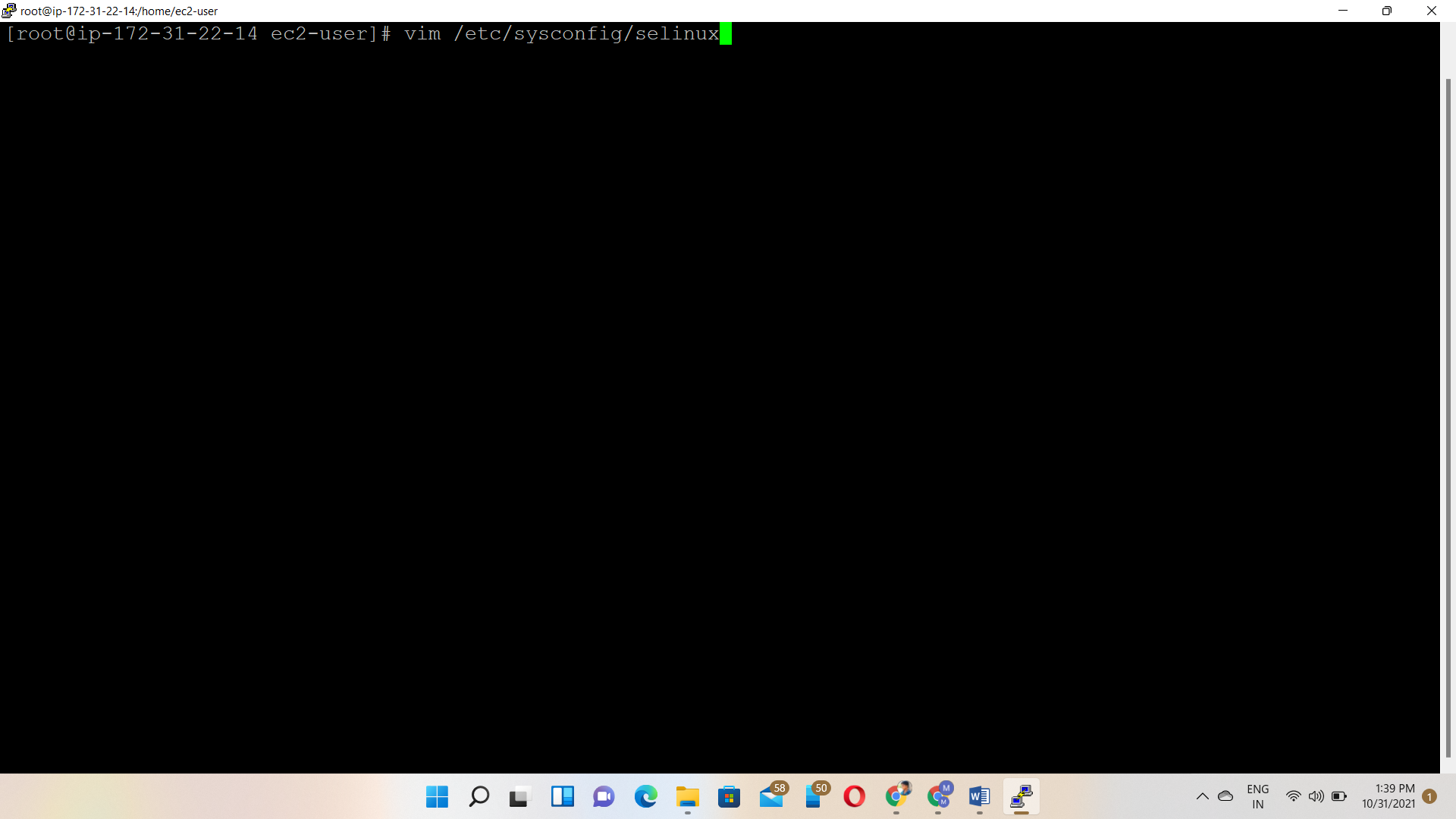
Getenforce-check the service status

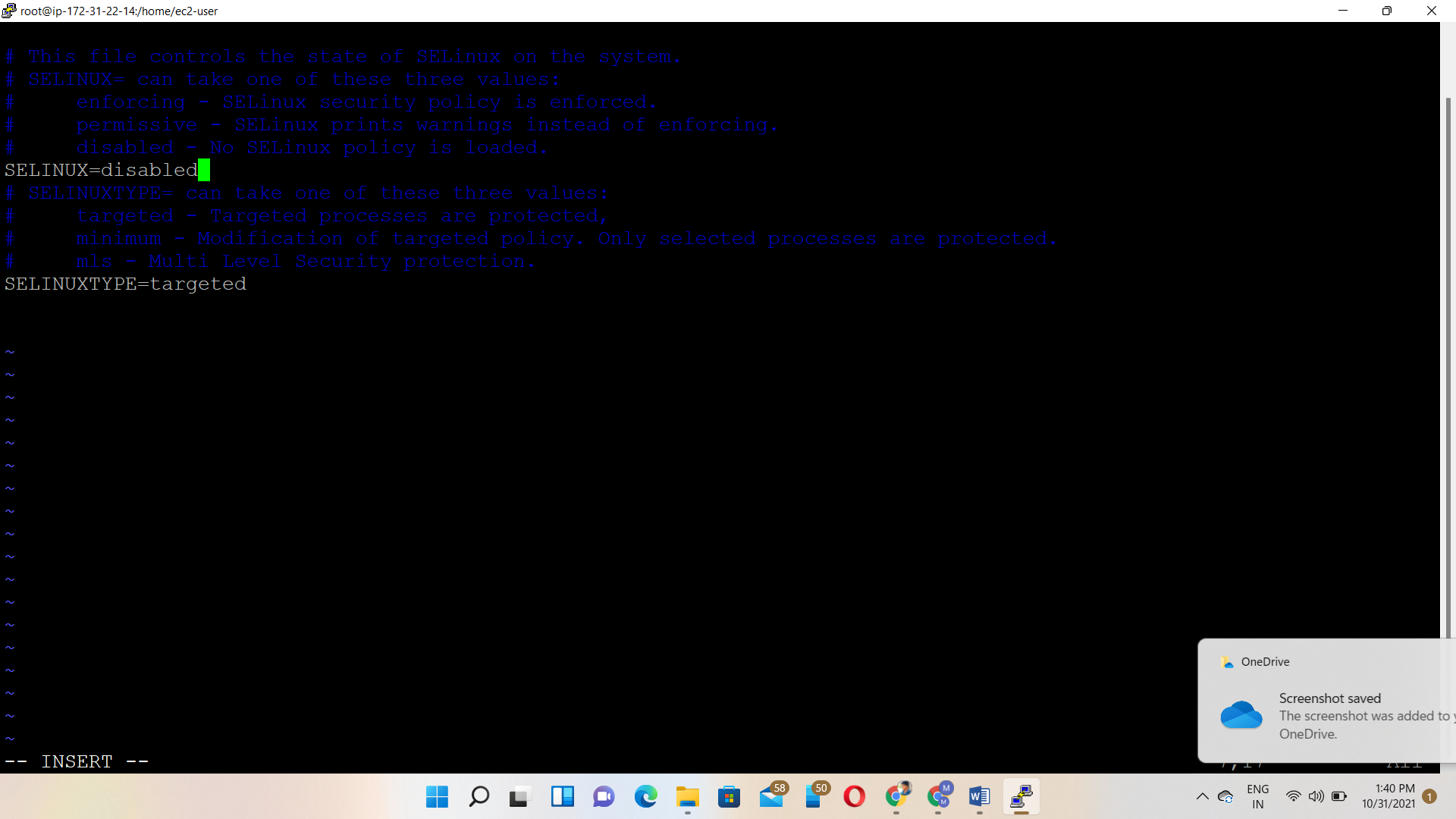


Install vim 🡪yum install vim -y

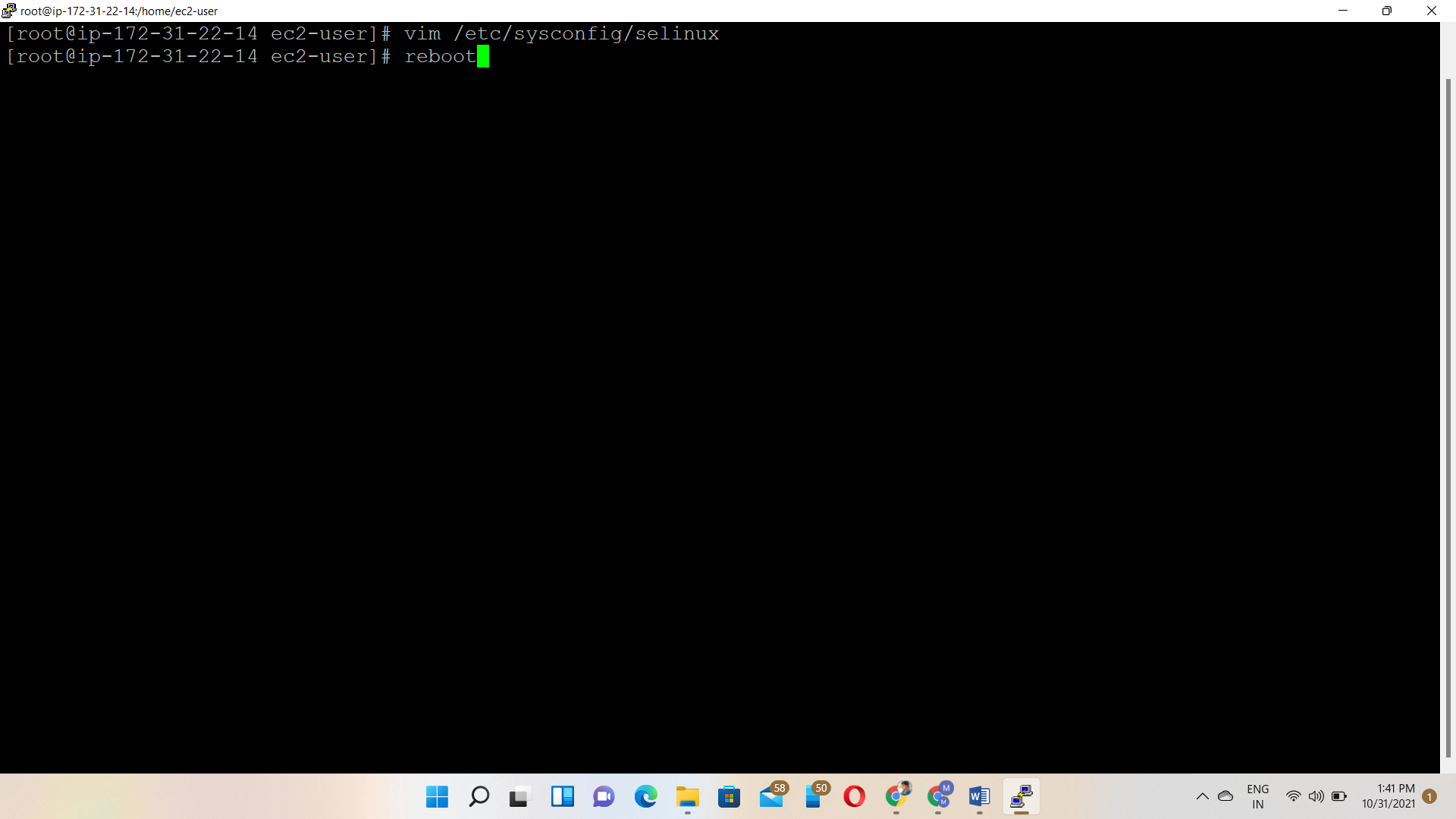


Disable the selinux

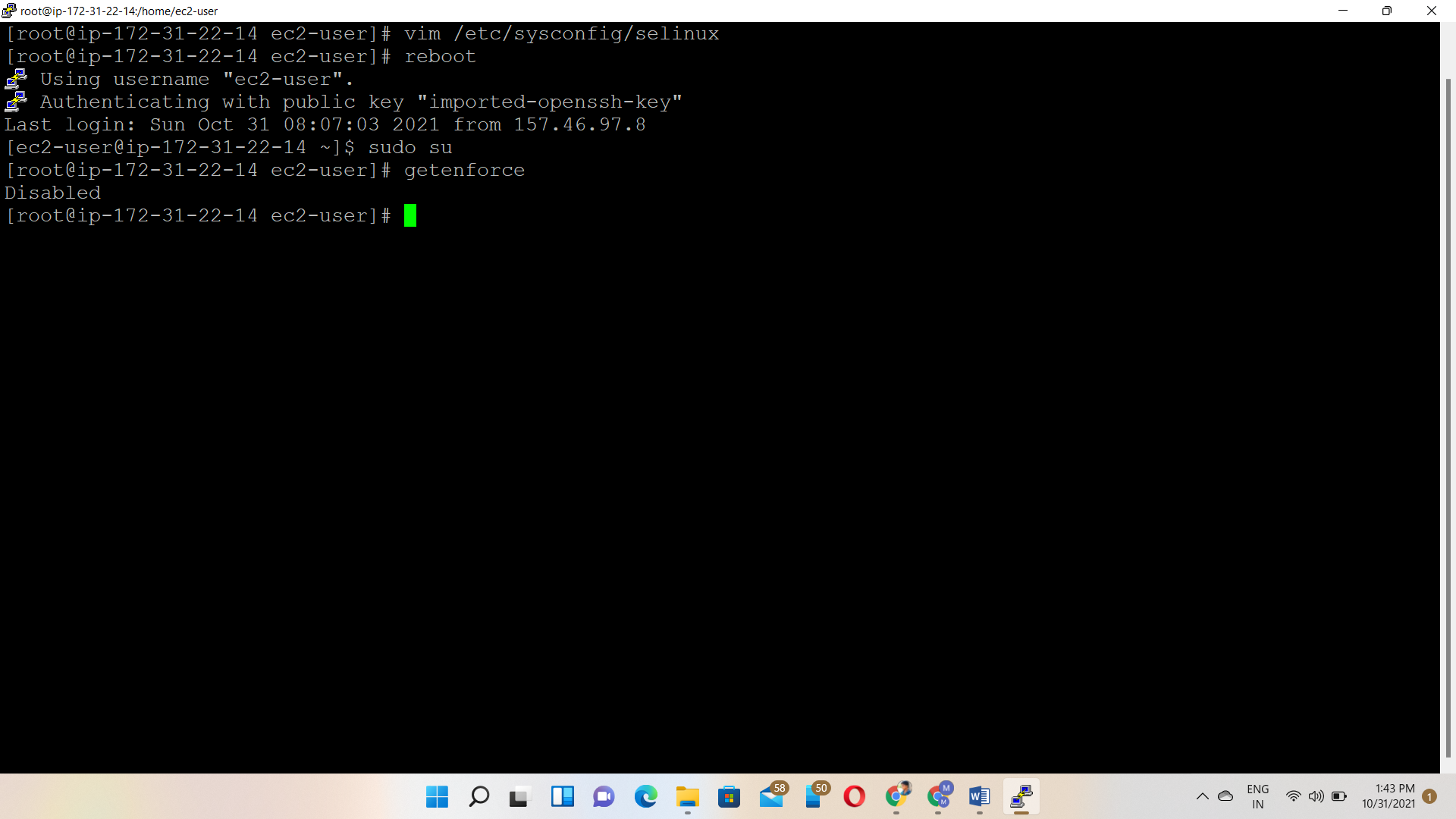




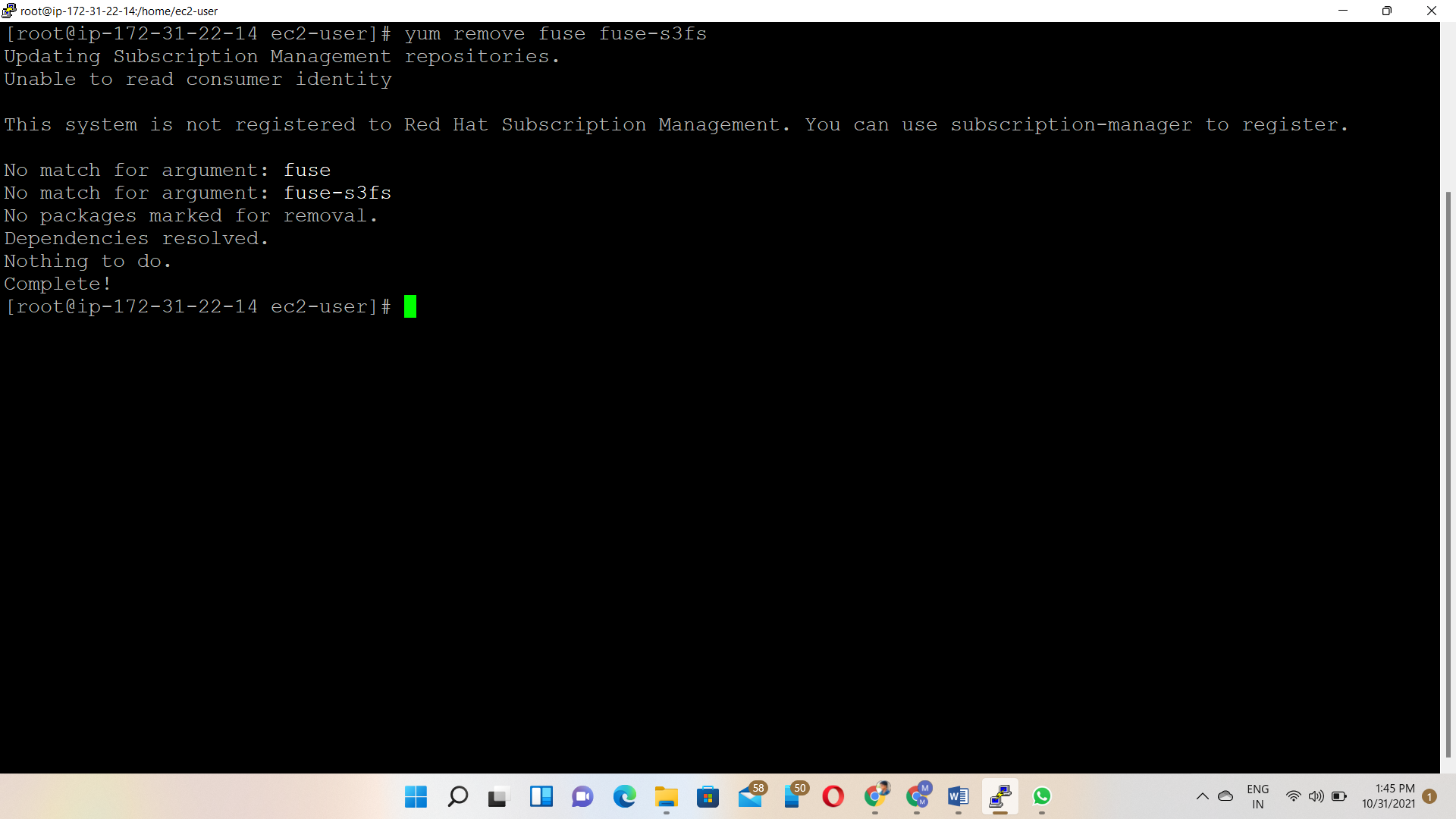
Once disable the selinux then reboot the instance



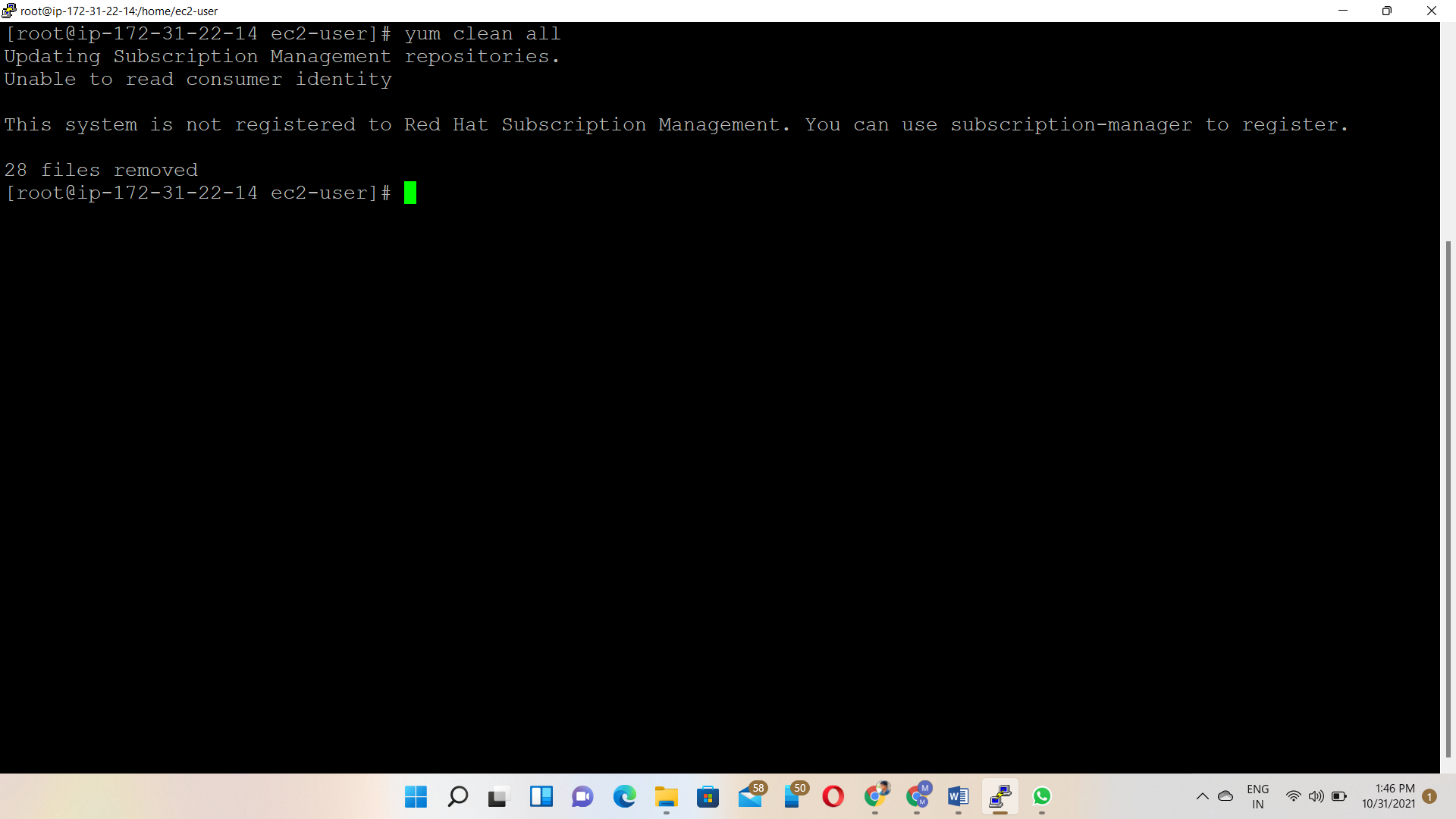
Again, check the service is disabled or not 🡪getenforce



yum remove fuse fuse-s3fs 🡪 s3fs is a fuse file system that allows you to mount an Amazon S3 bucket as a local file system



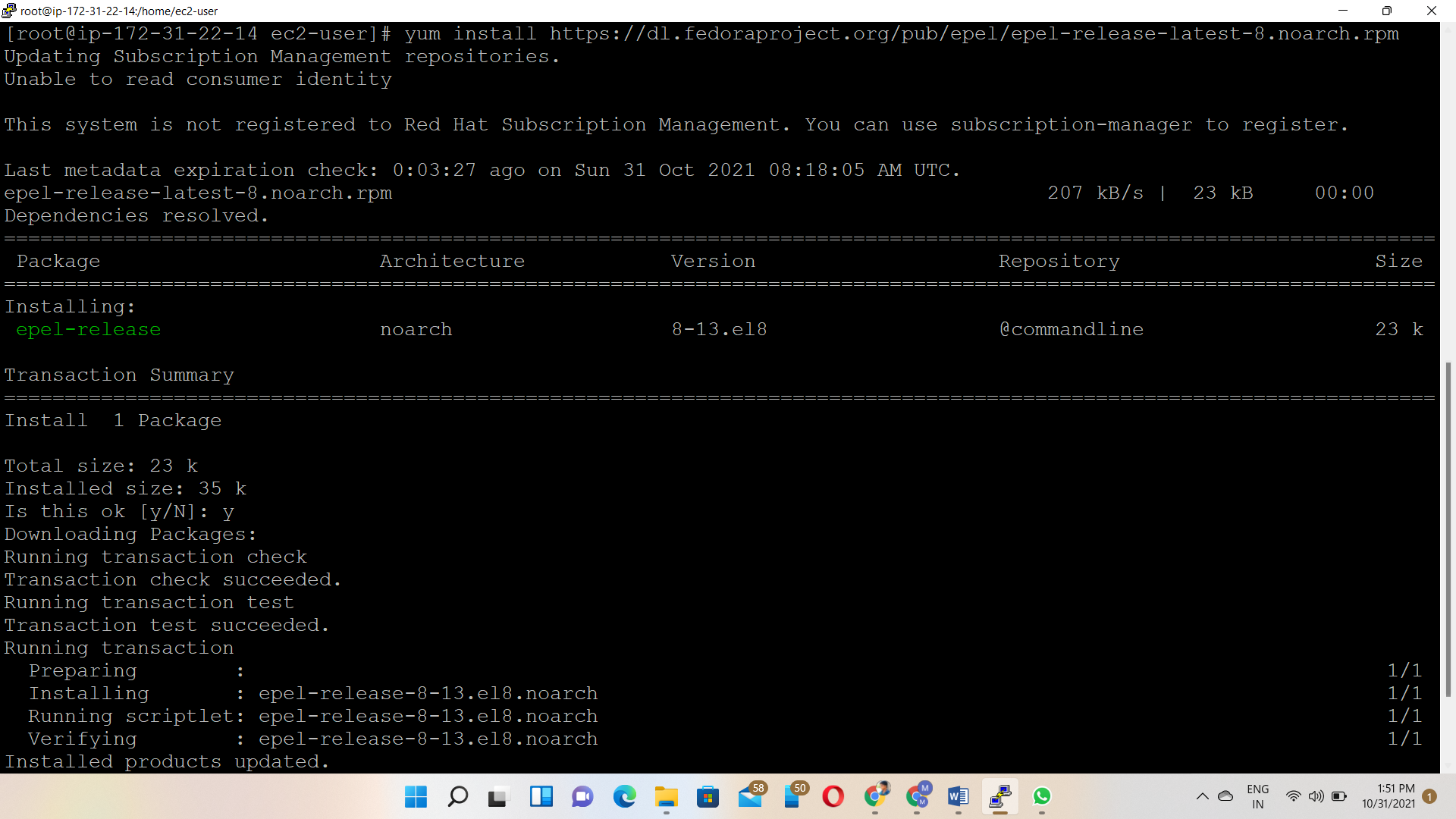
yum clean all - To clean all the files



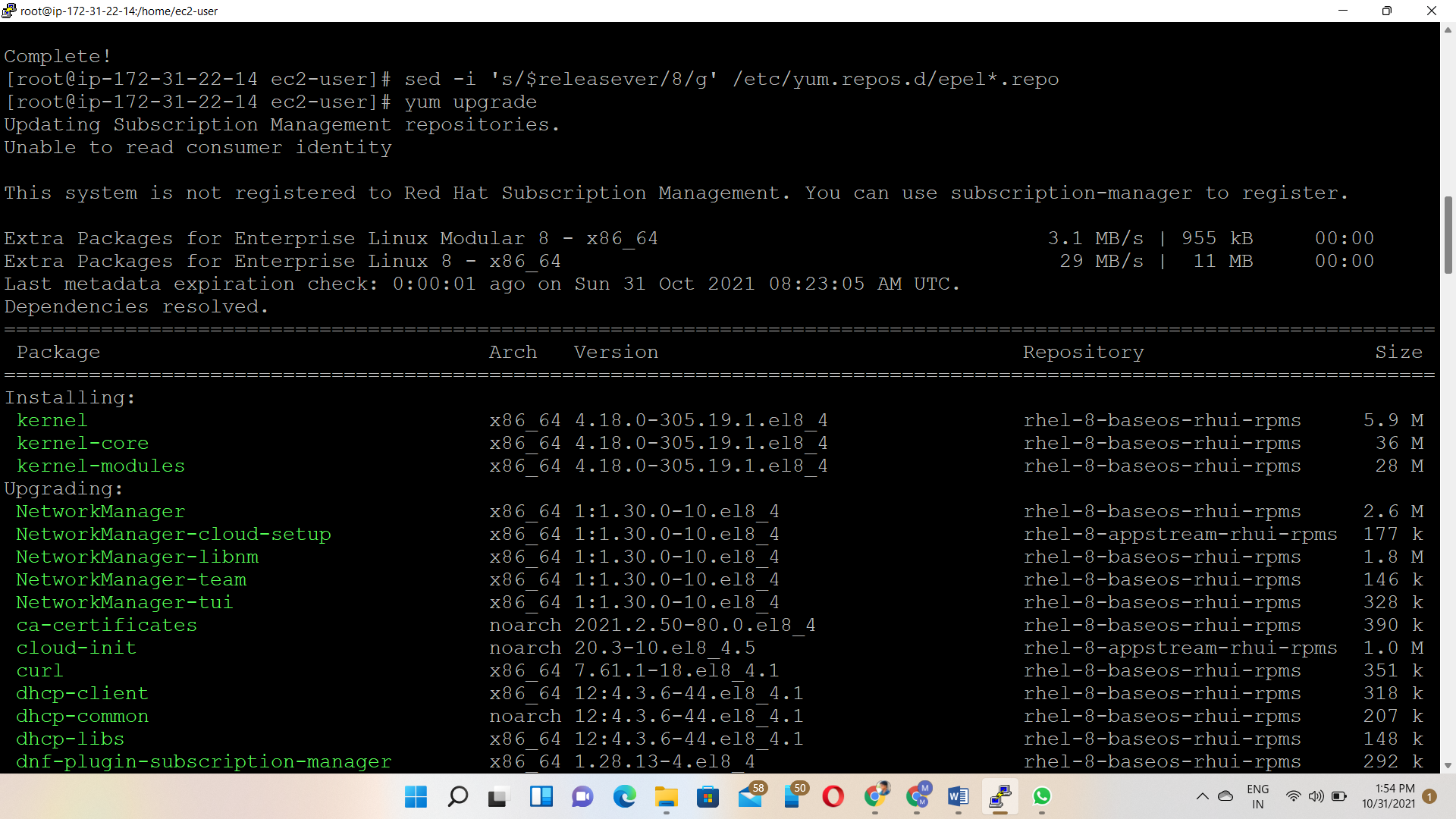
Install the s3fs-fuse service and type Y to install the packages - yum install gcc gcc-c++ openssl-devel libstdc++-devel libxml2-devel mailcap fuse fuse-devel fuse-libs



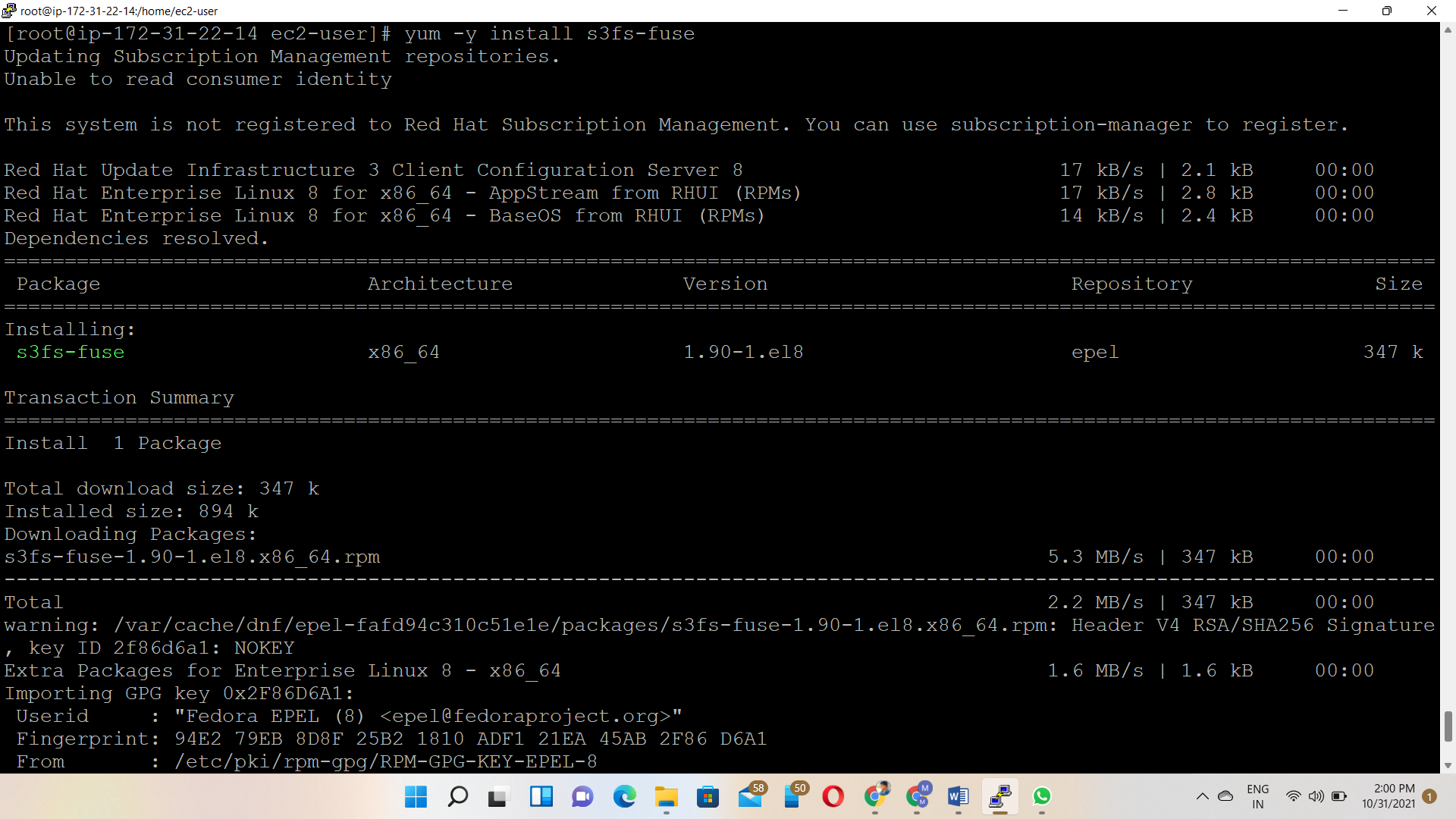
Install epel package🡪yum install https://dl.fedoraproject.org/pub/epel/epel-release-latest-8.noarch.rpm



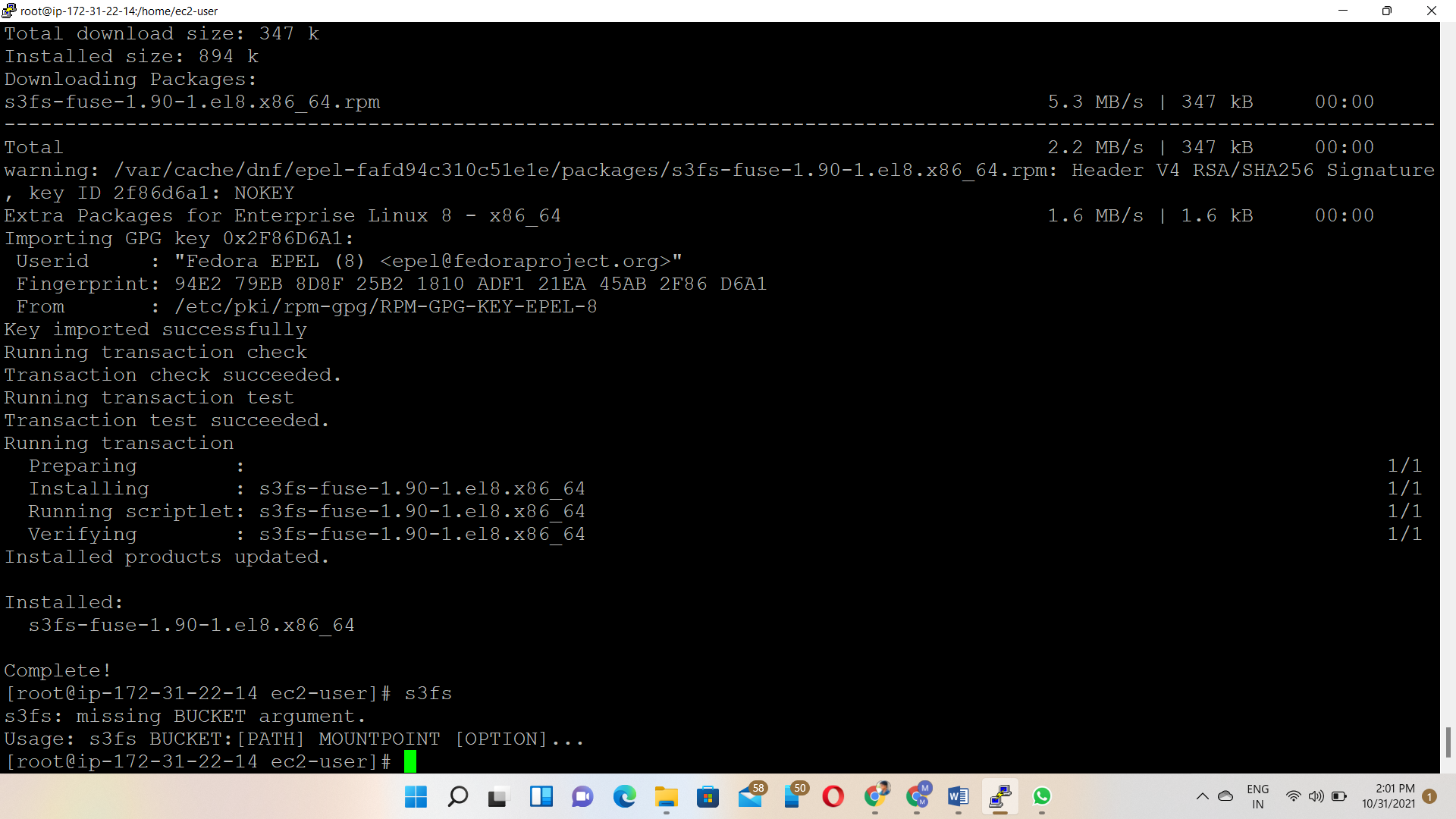
After epel installed🡪use this command 🡪sed -i 's/$releasever/8/g' /etc/yum.repos.d/epel\*.repo and yum upgrade



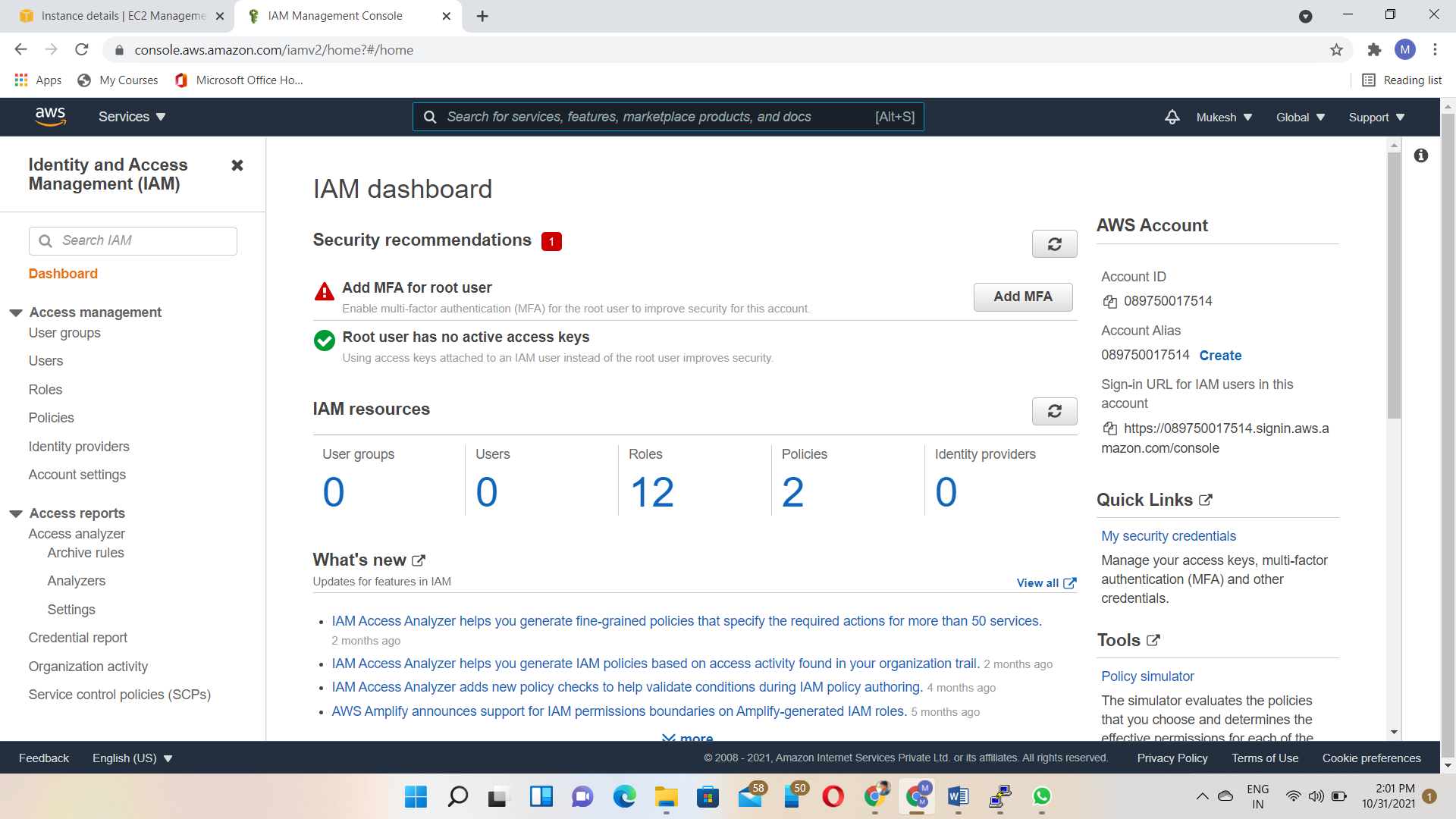
Now install missing s3fs-fuse package

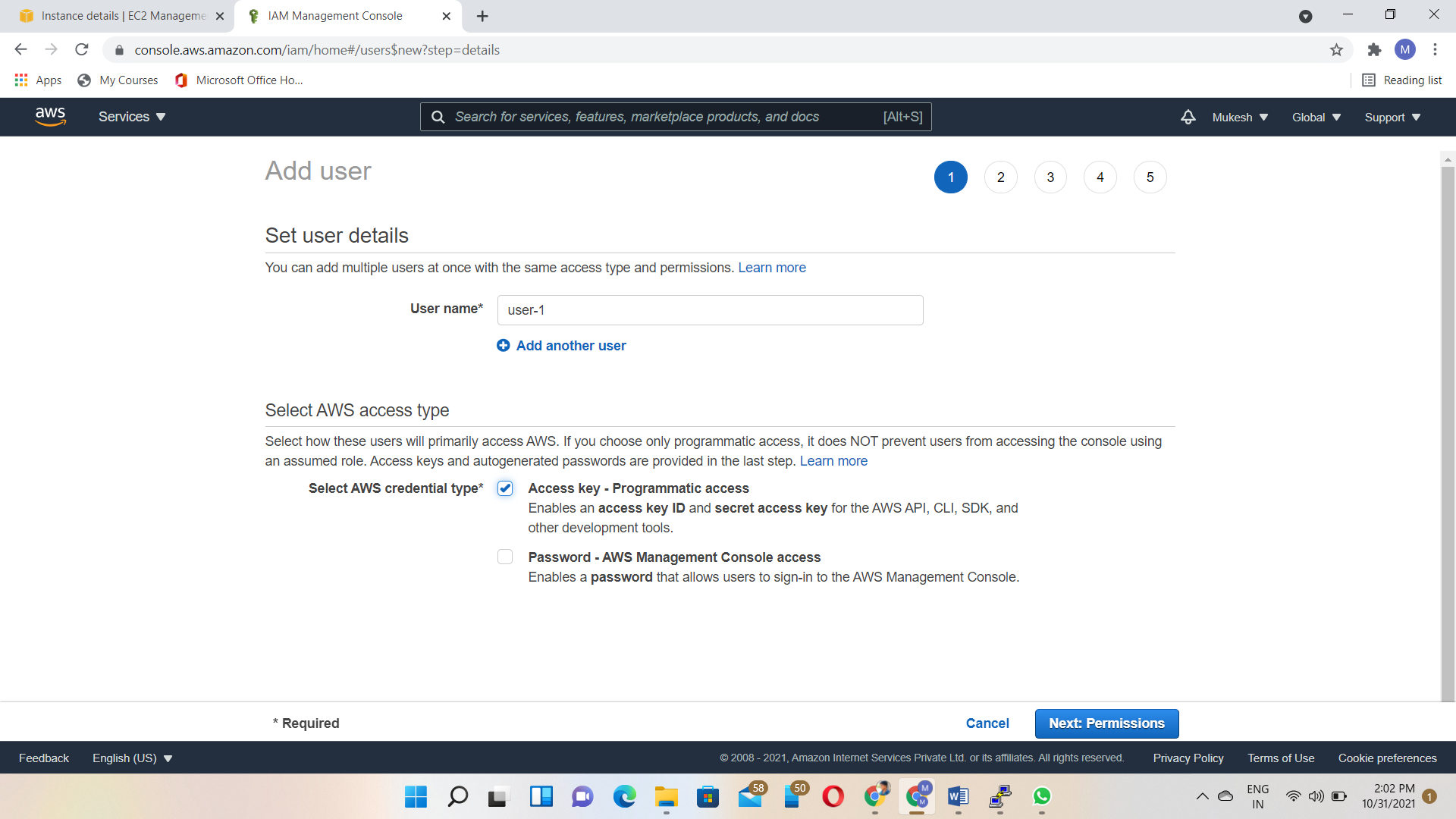


After s3fs package installed. To check the s3fs access

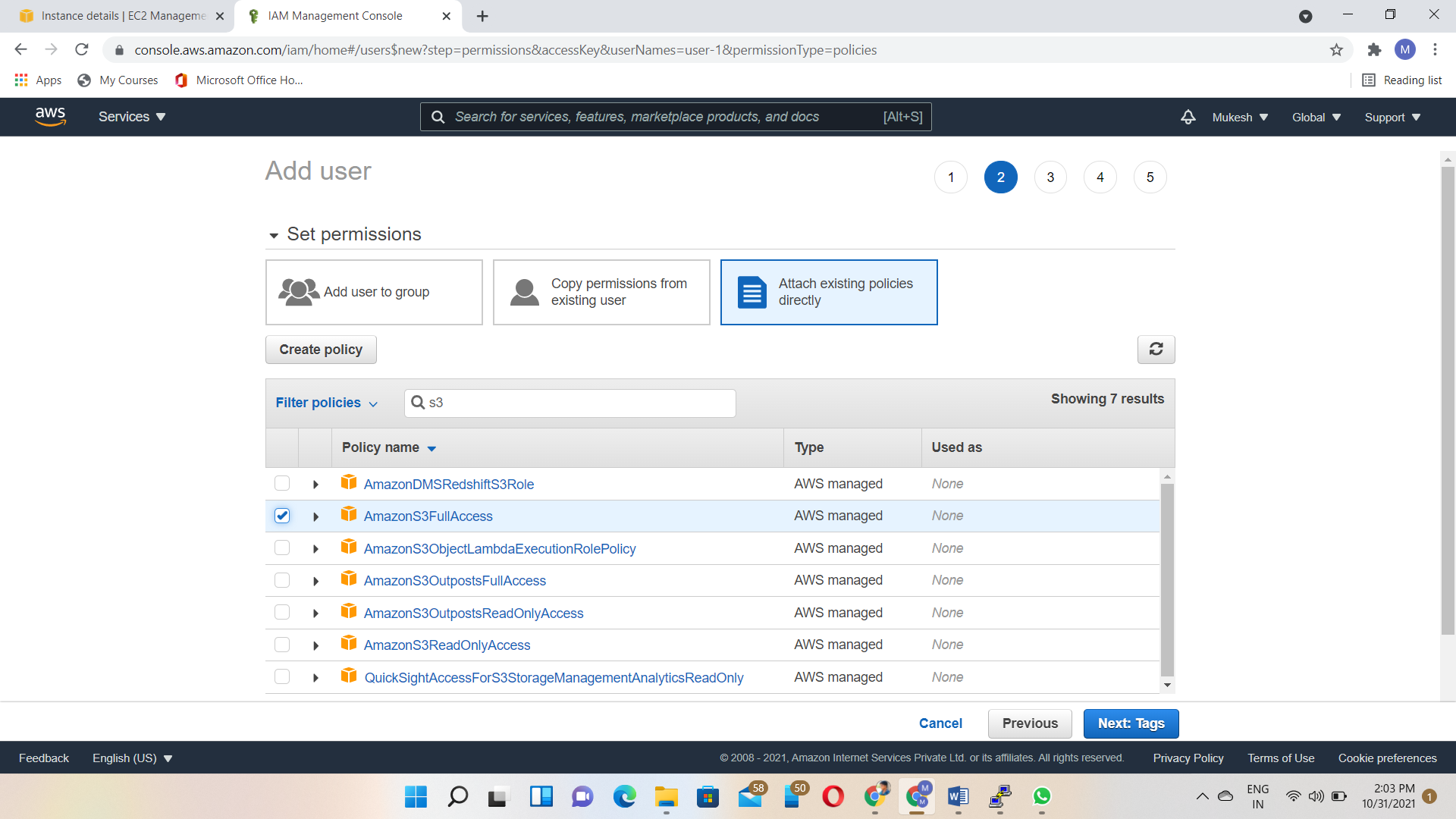


Go to IAM dashboard

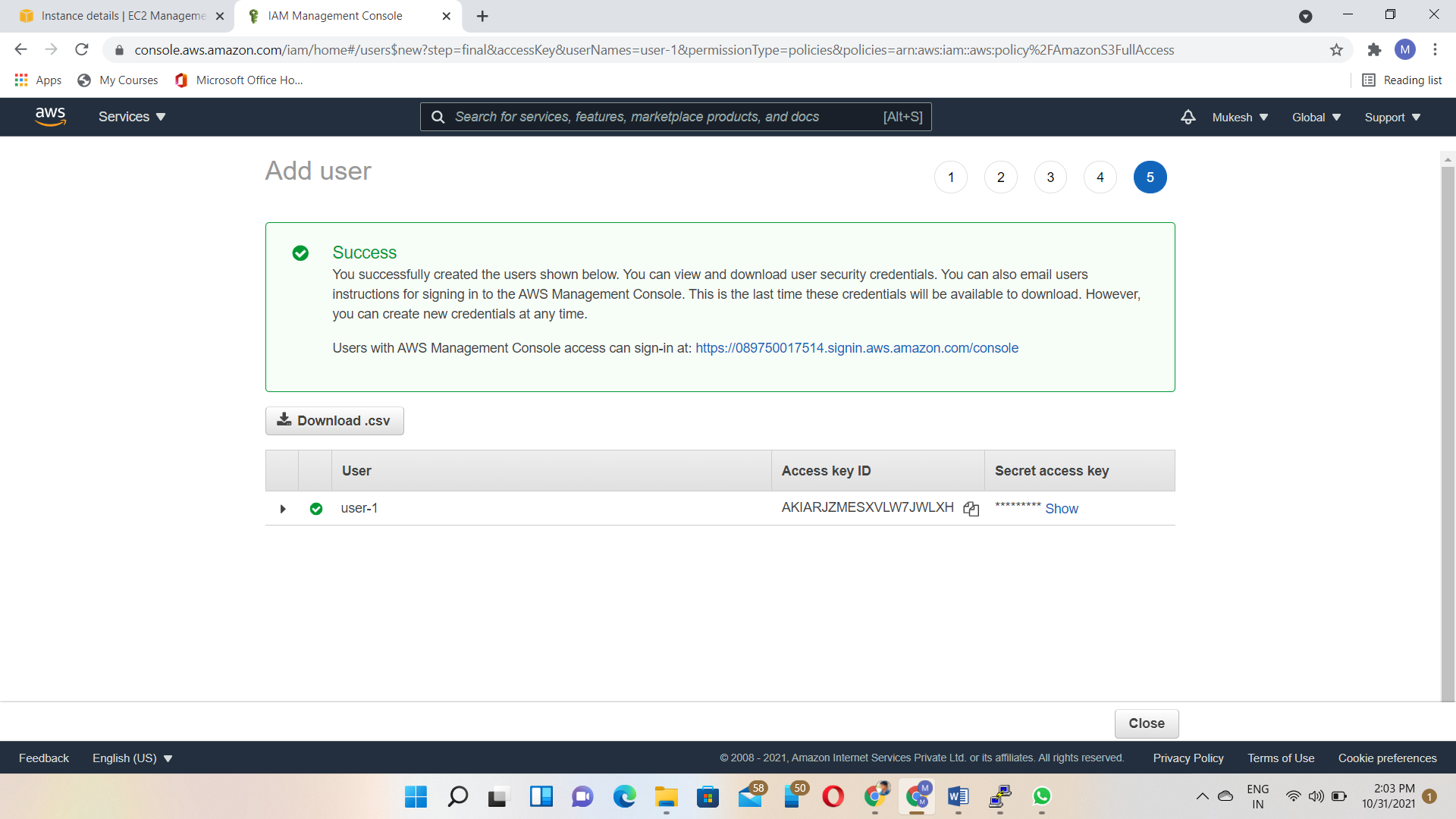


Create Add users in IAM and Select programmatic access

Select Attach existing policies directly and give AmazonS3FullAccess

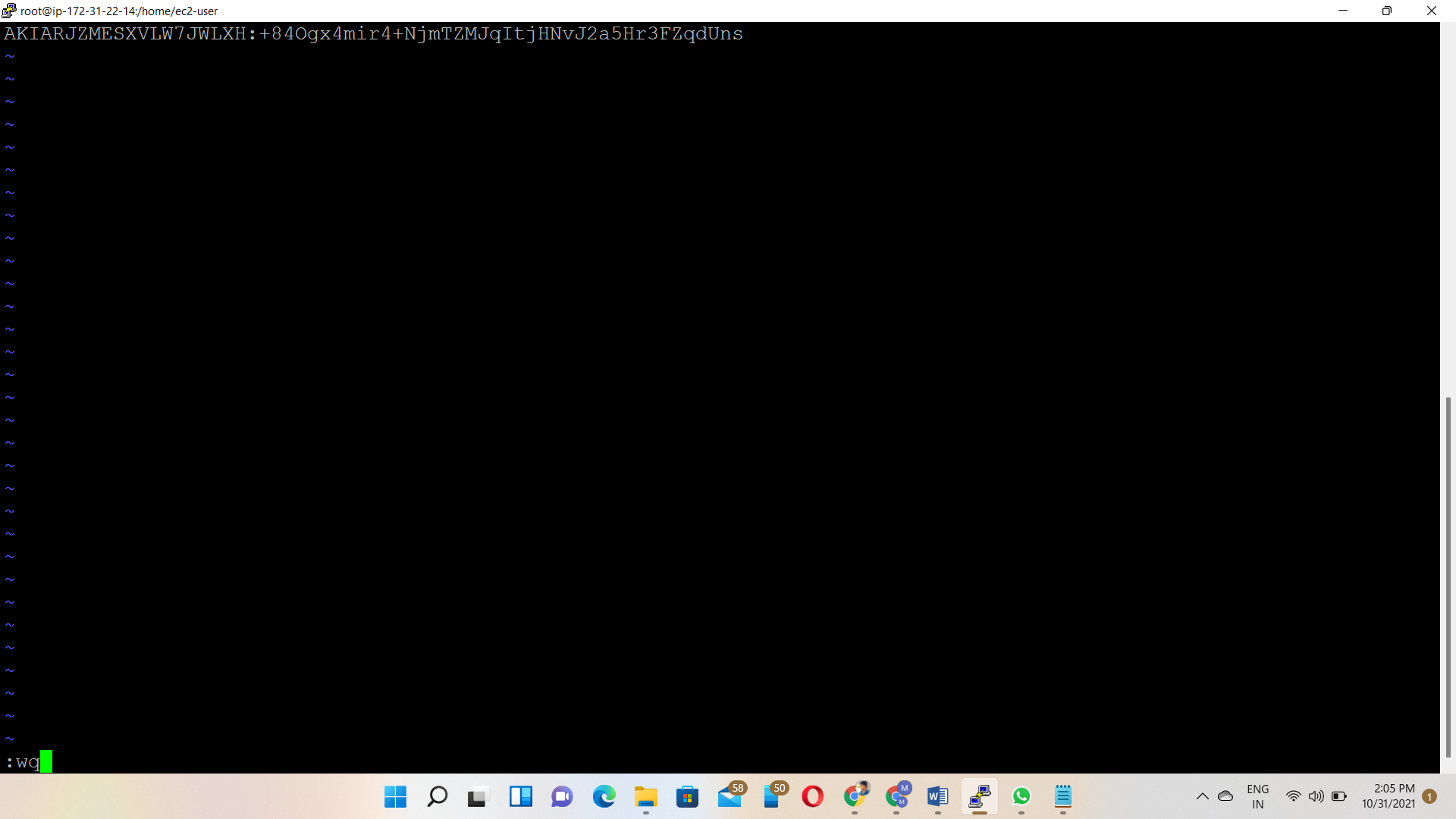


IAM User created

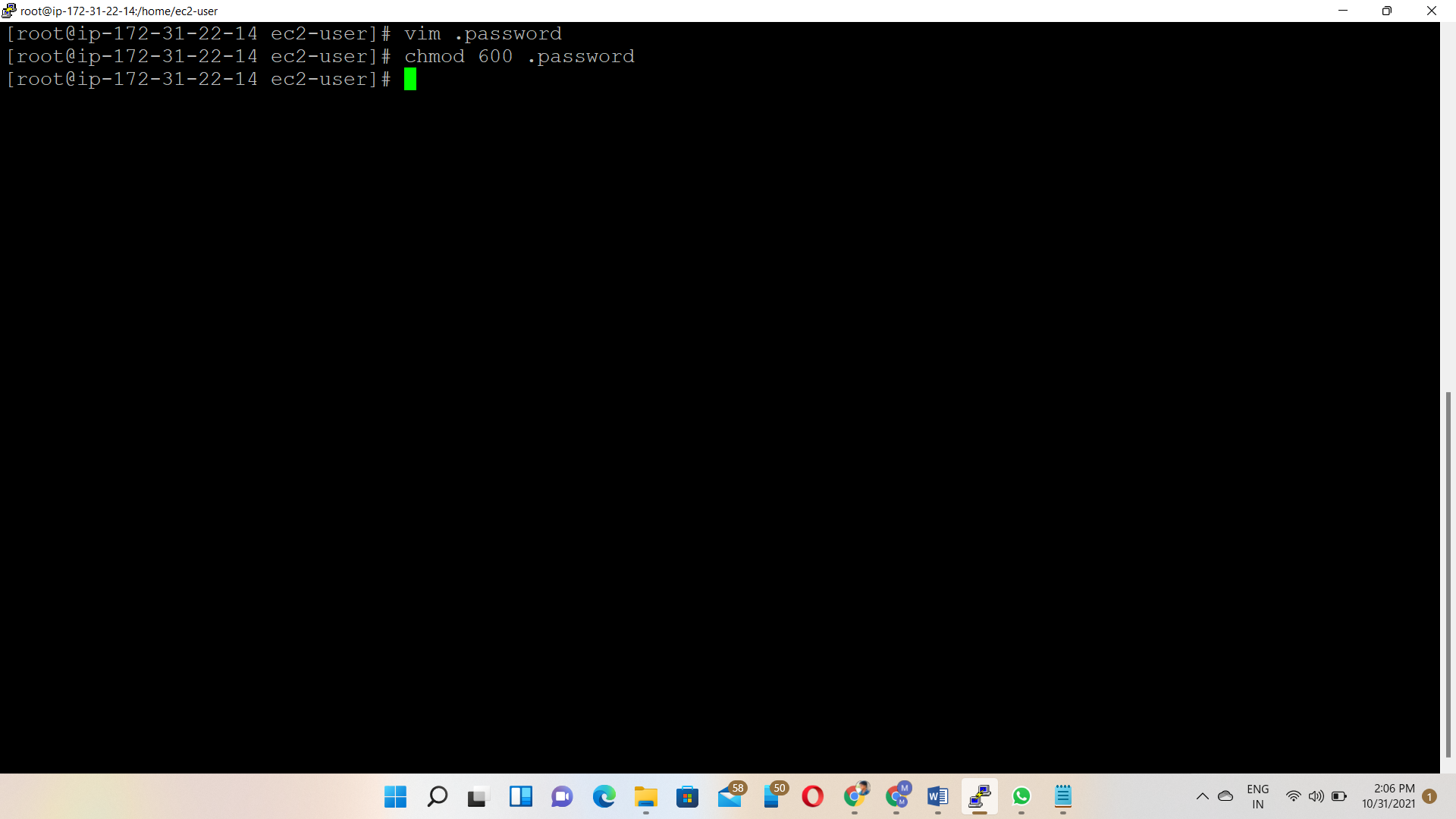


Vim .password - To create and save the hidden file with access key and secret key

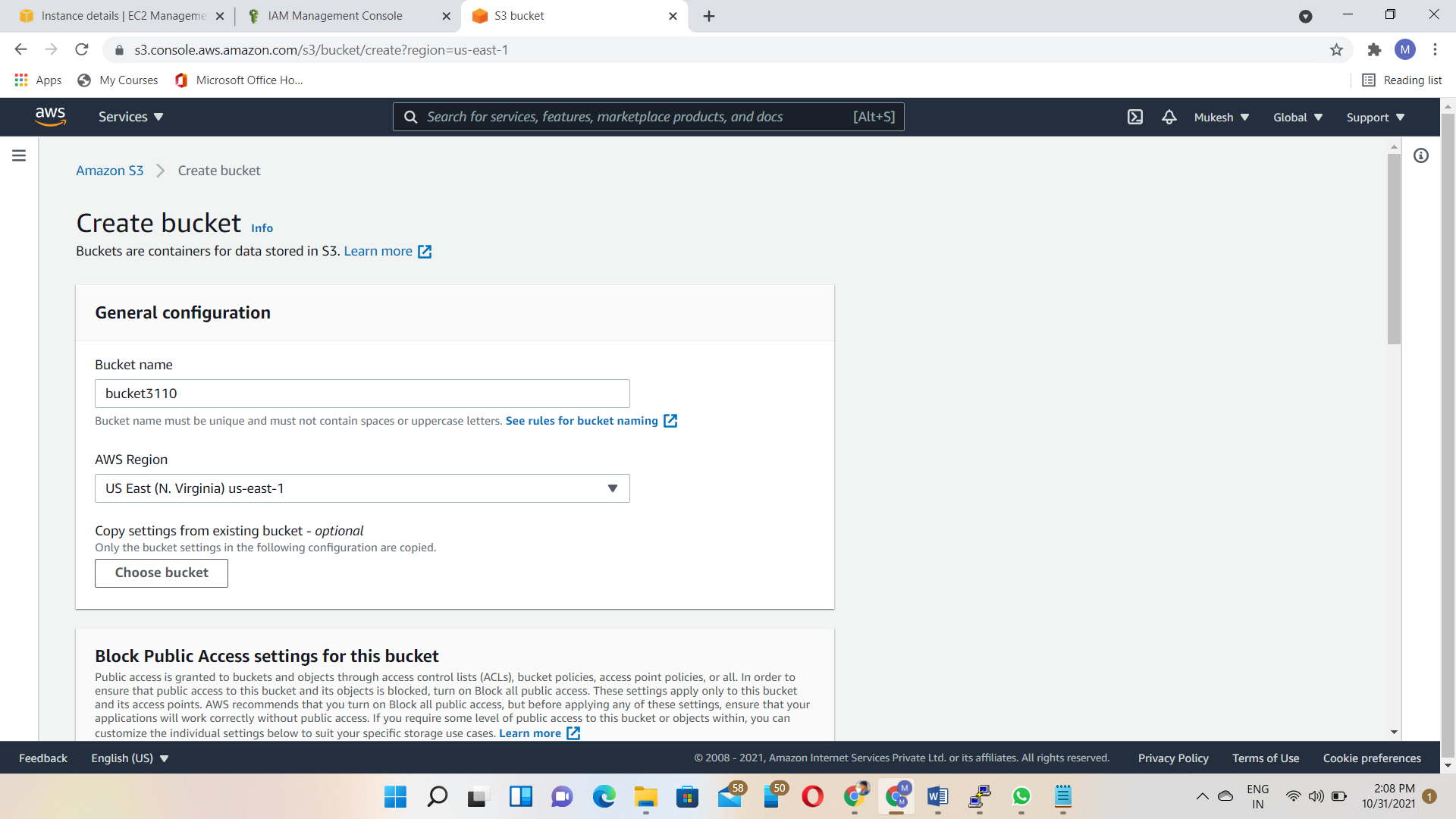
Copy & paste the access key & secret key to inside the .password file using vim editor



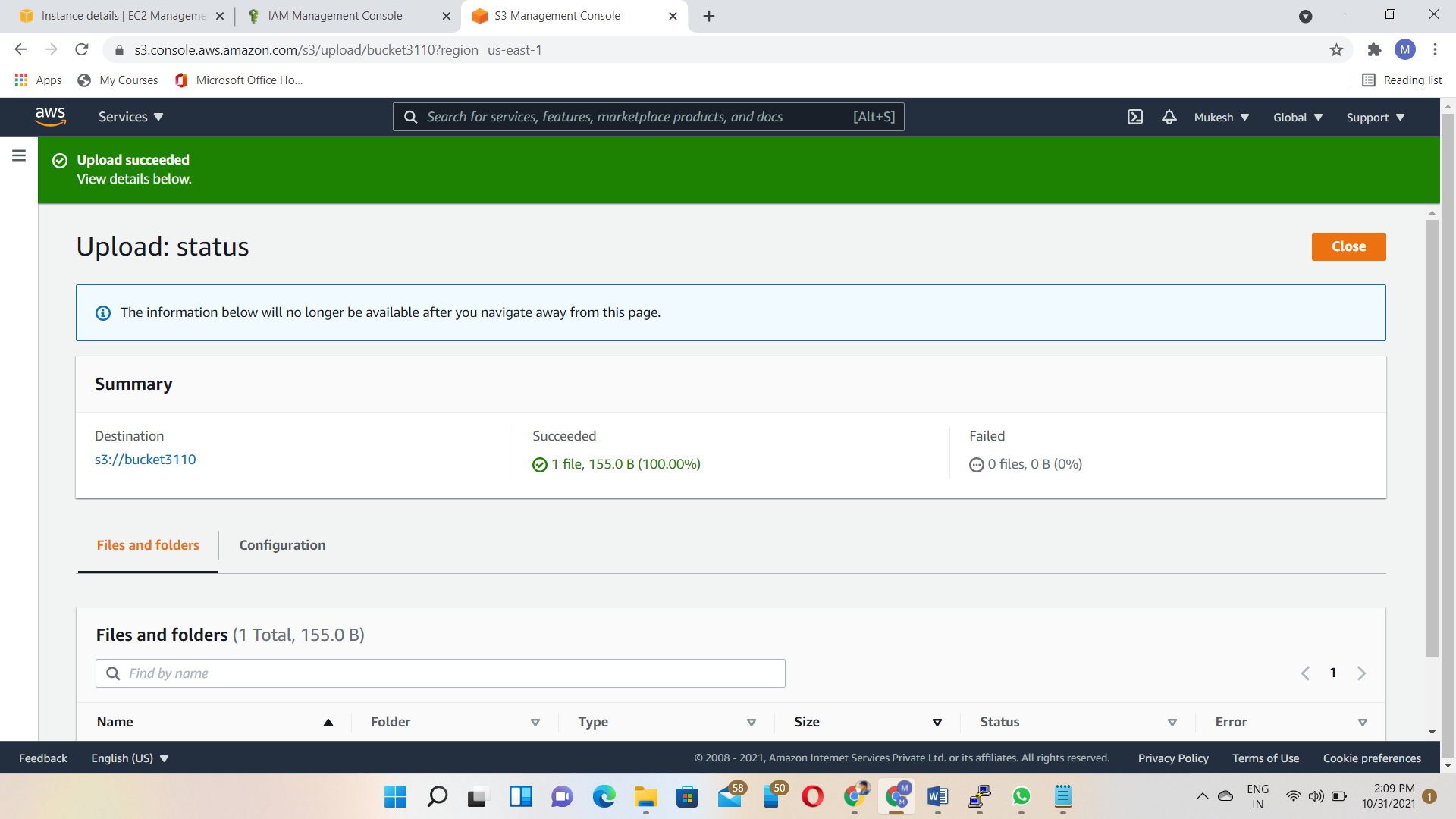
Chmod 600 .password - The chmod (short for change mode) command is used to manage file system access permissions on Linux and Unix-like systems



Go to s3 service and create one s3 bucket

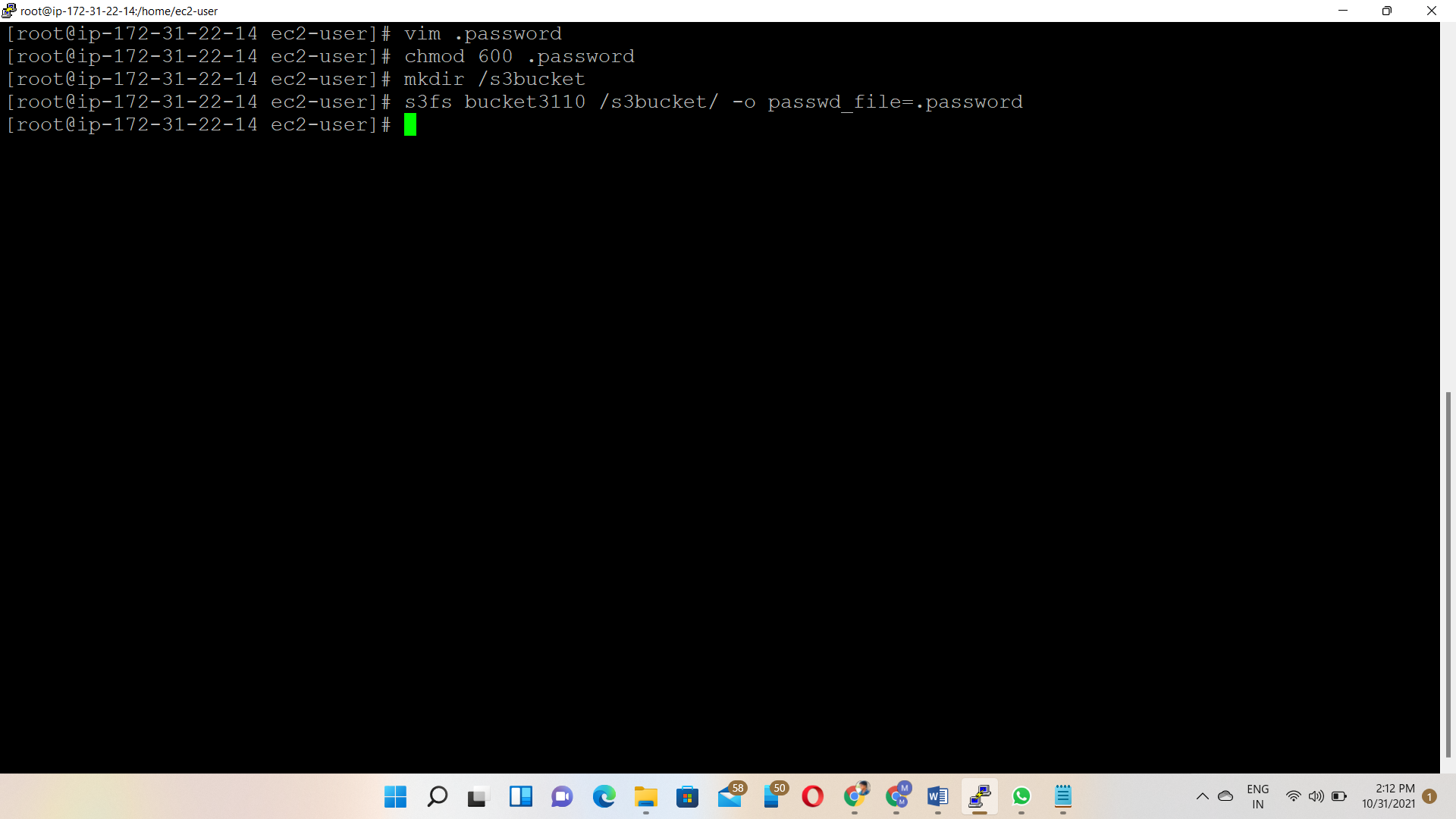


Any file uploaded inside the bucket

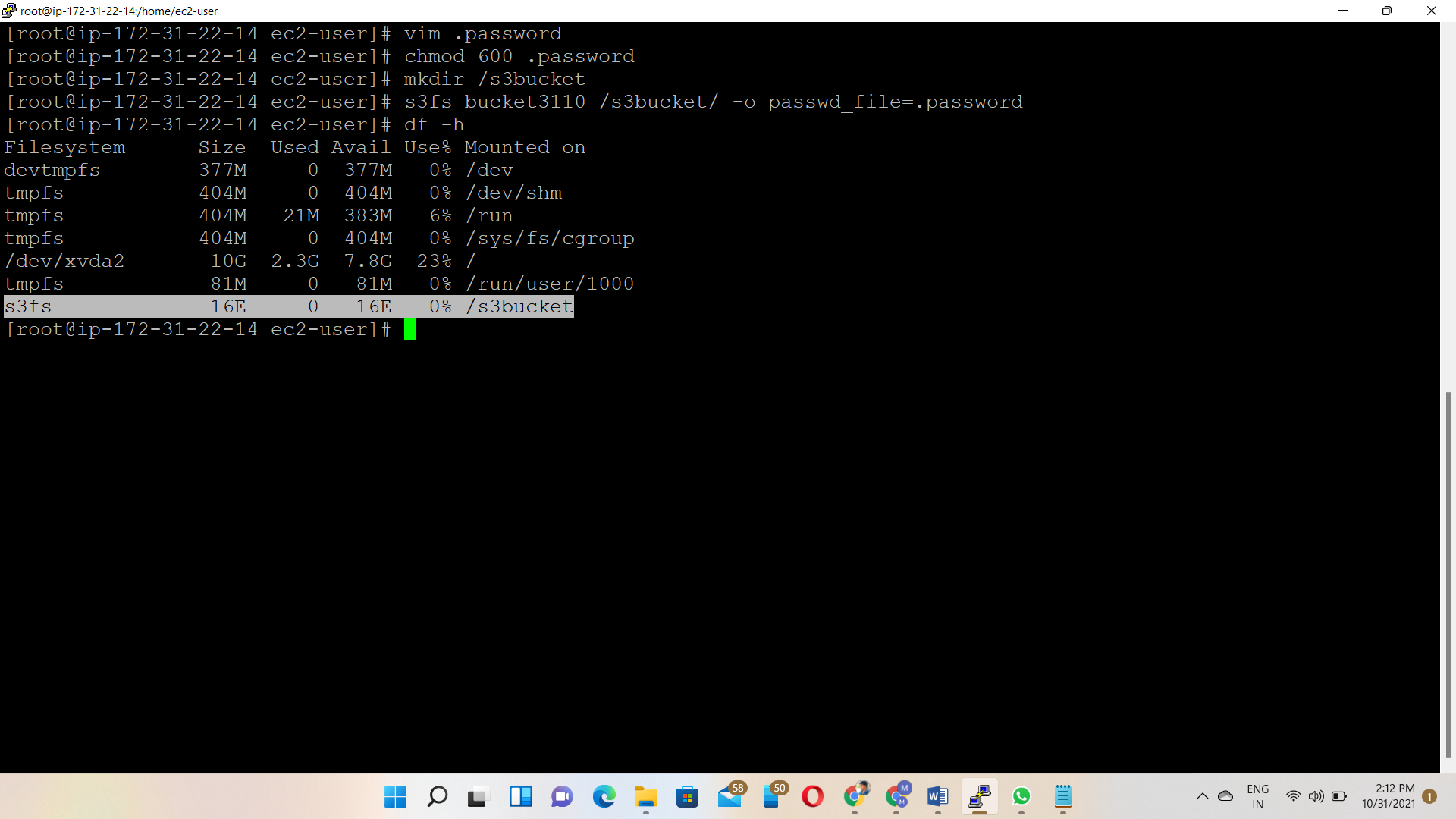


mkdir 🡪 Make a directory

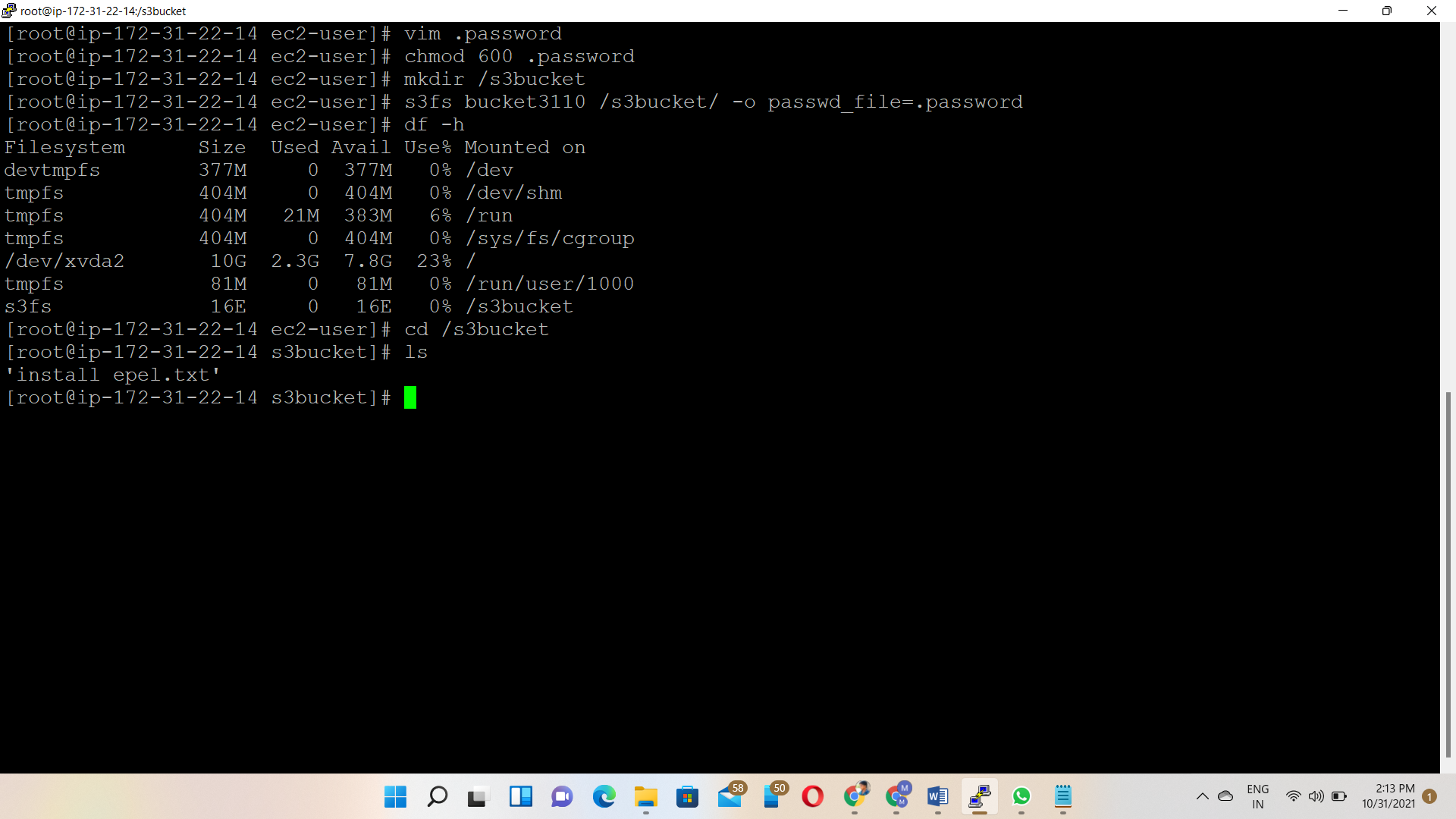
S3 bucket mounting command🡪S3fs bucket name username password

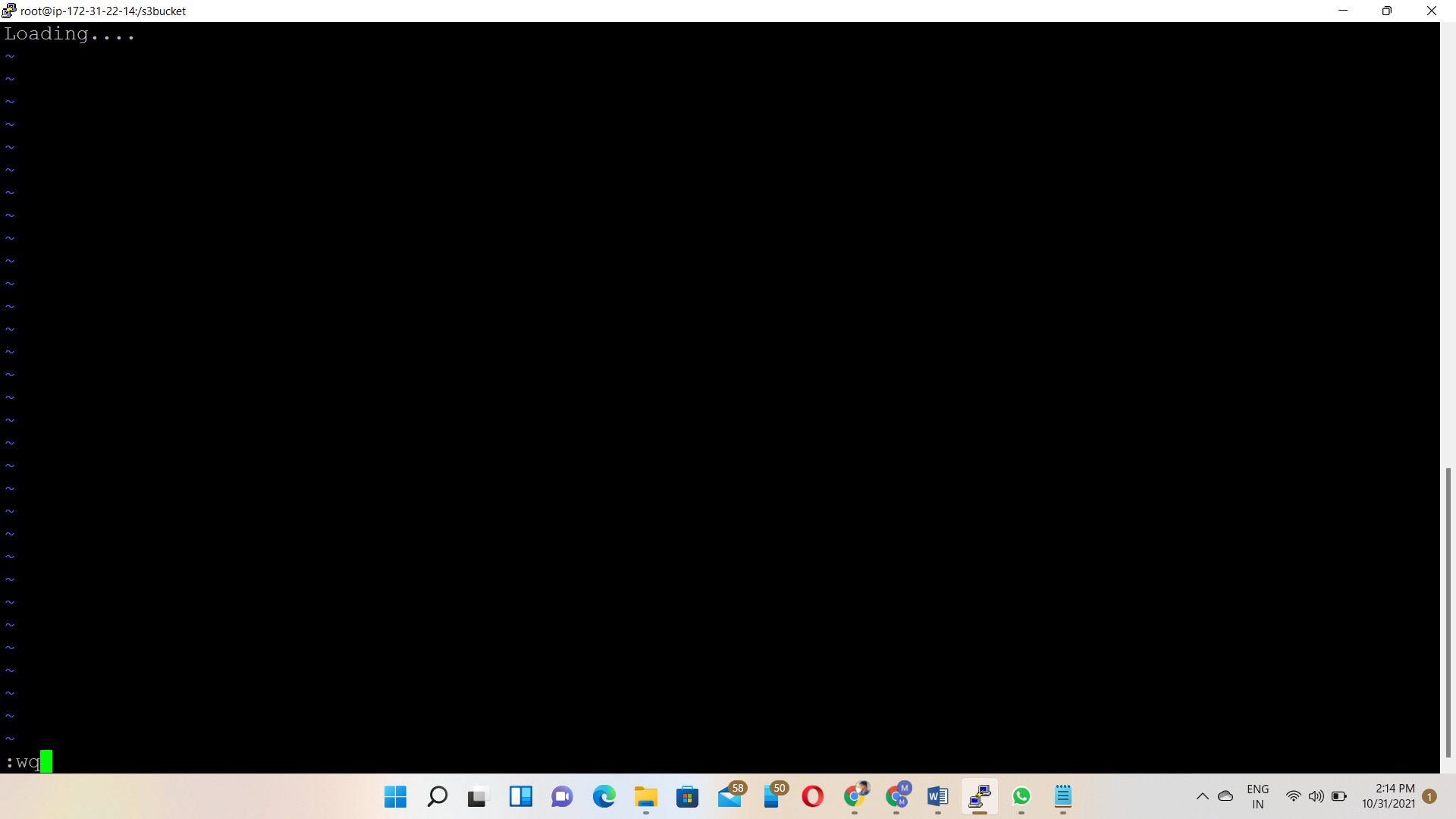


Df –h🡪 To check the s3 bucket mounting or not

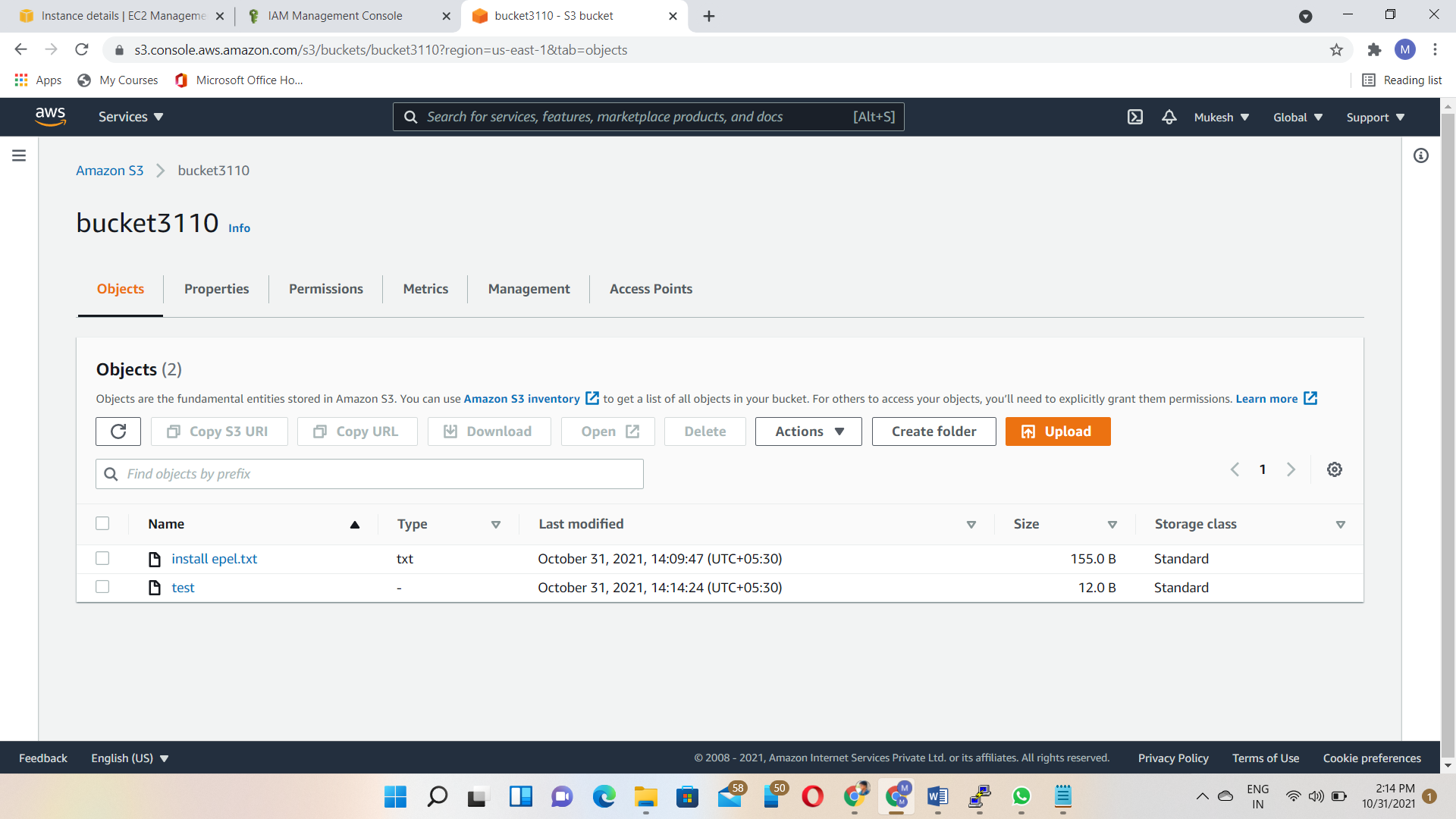


Output🡪 S3 bucket access through the Ec2 instance





What file we created in the Ec2 instance that may upload in the S3 bucket

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**History of command**

