ASSIGNMENT – 4

COURSE : DEVOPS

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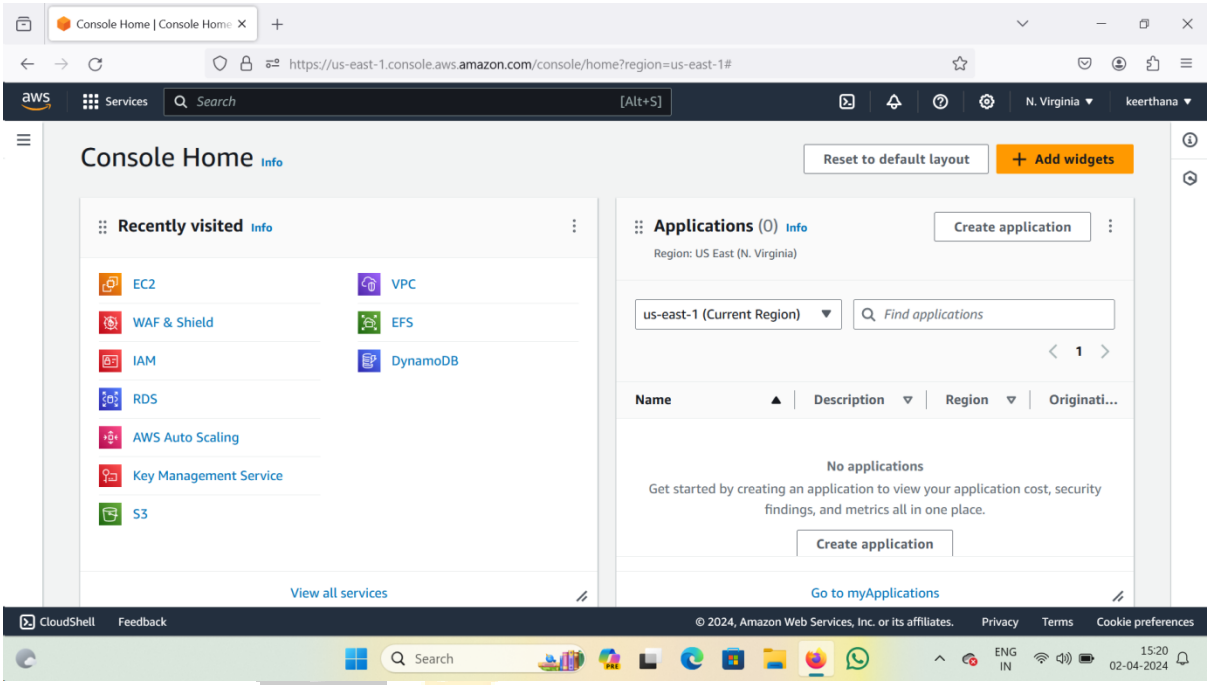
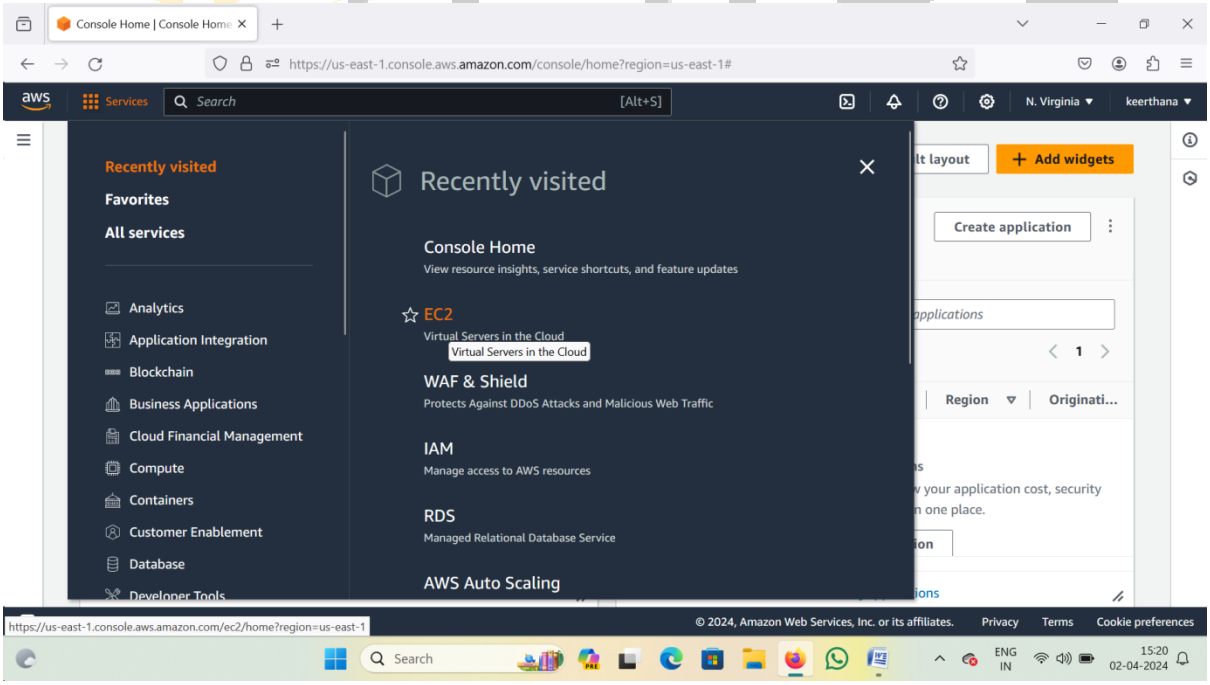
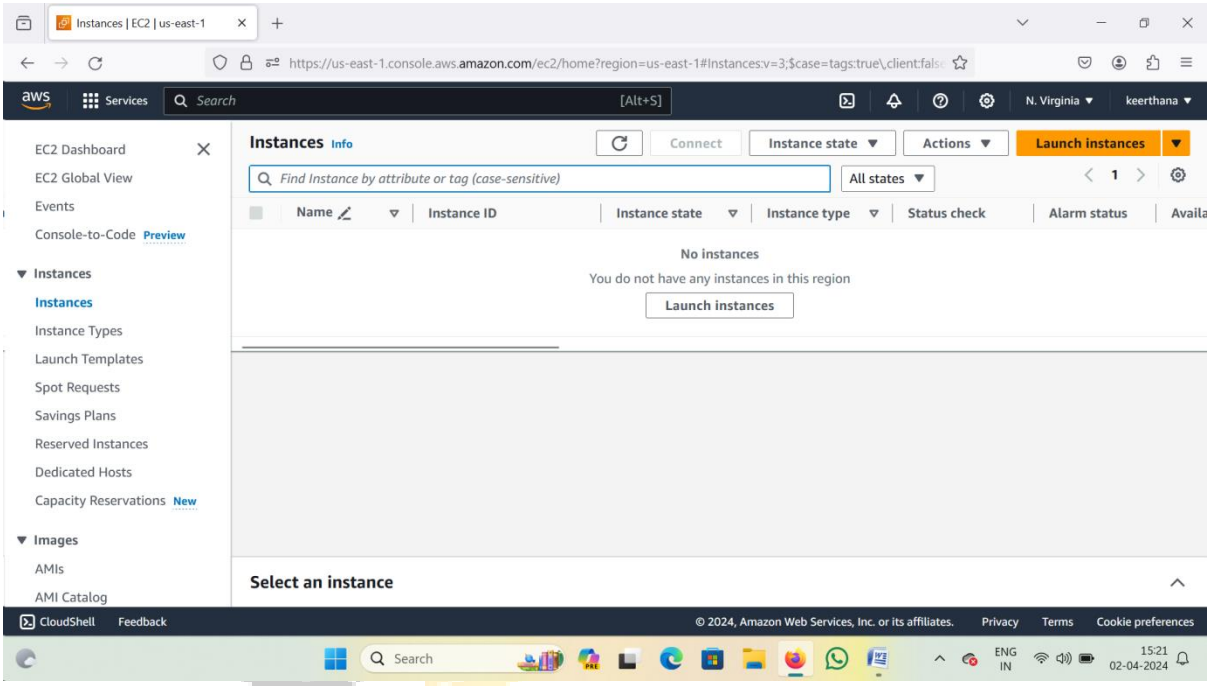
➢ By Using provisioners copy file from desktop to ec2 instance ?

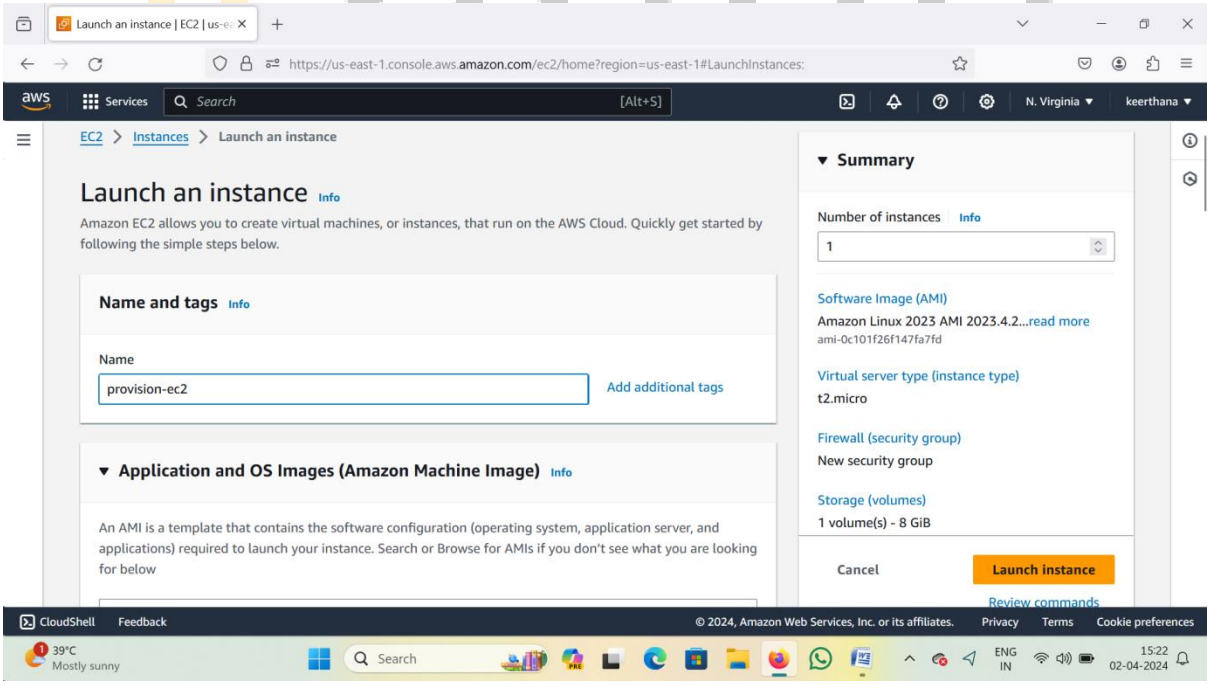
- Go to AWS Console Home page then go to EC2 Instance

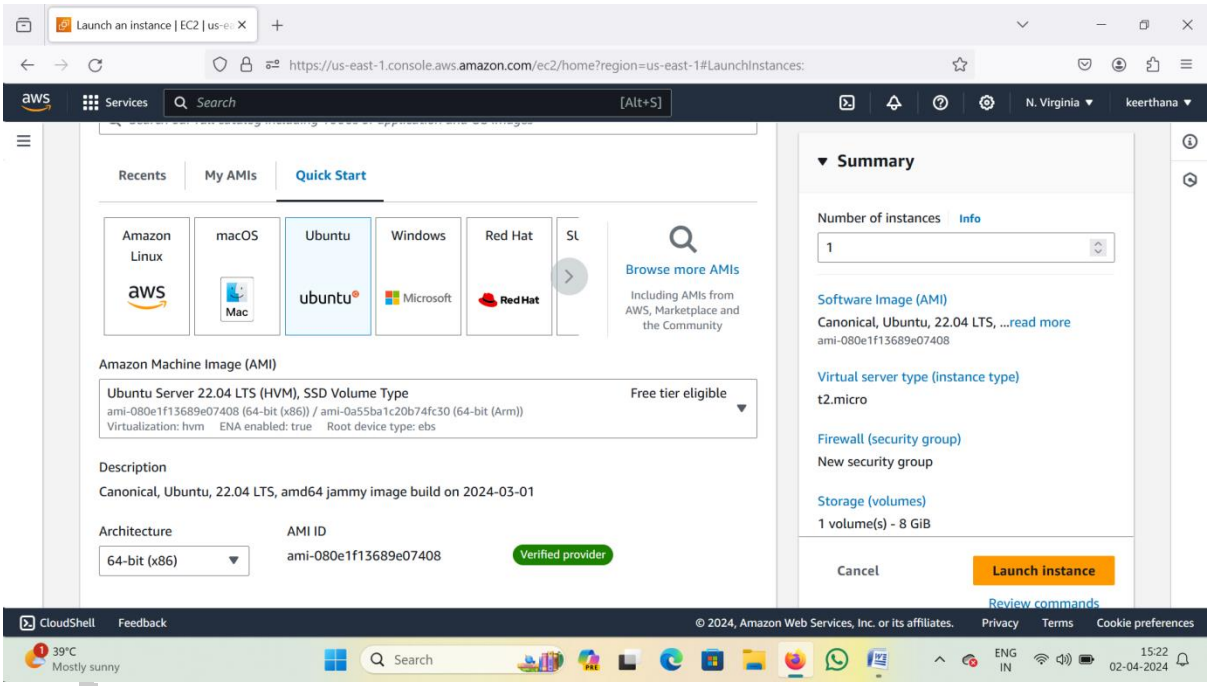


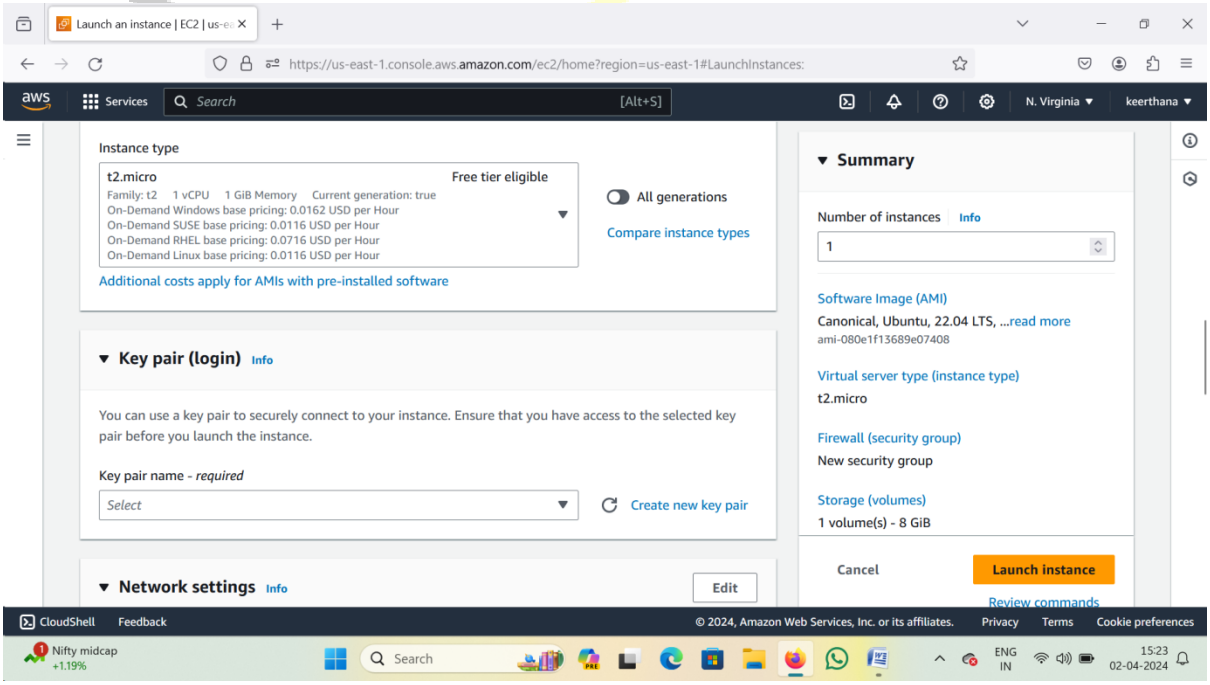


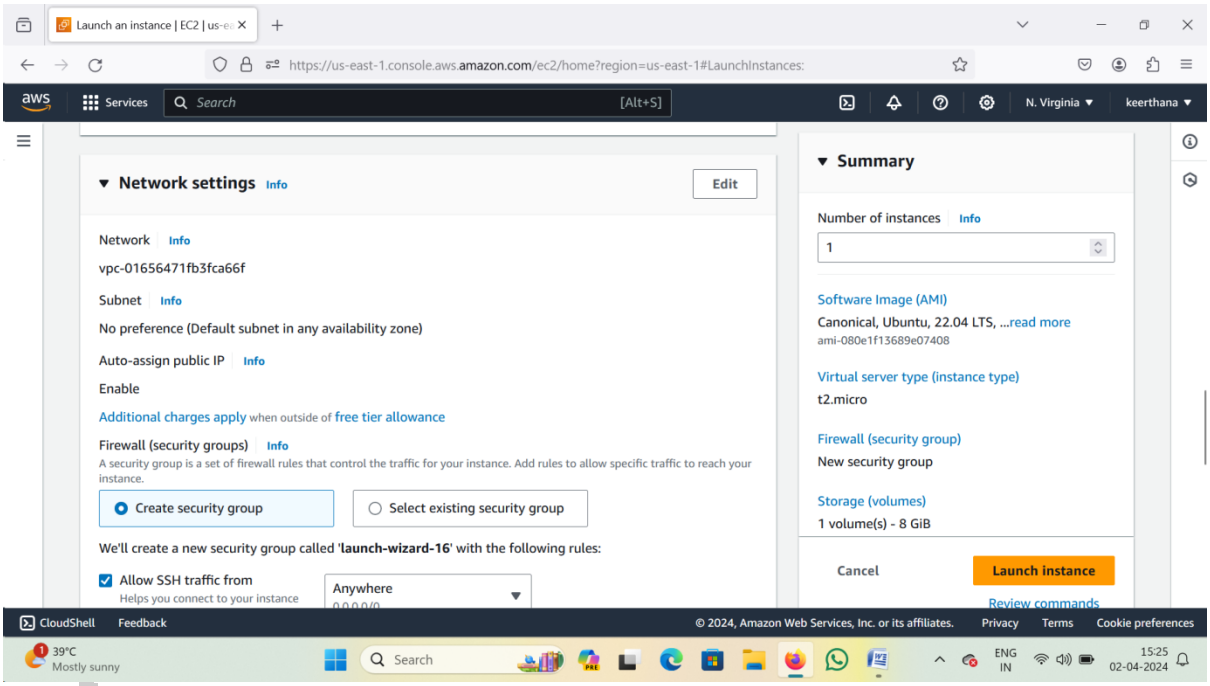
- Click on Launch Instance
- Enter name and select AMI and Instance type
- Create new key pair then click on launch instance

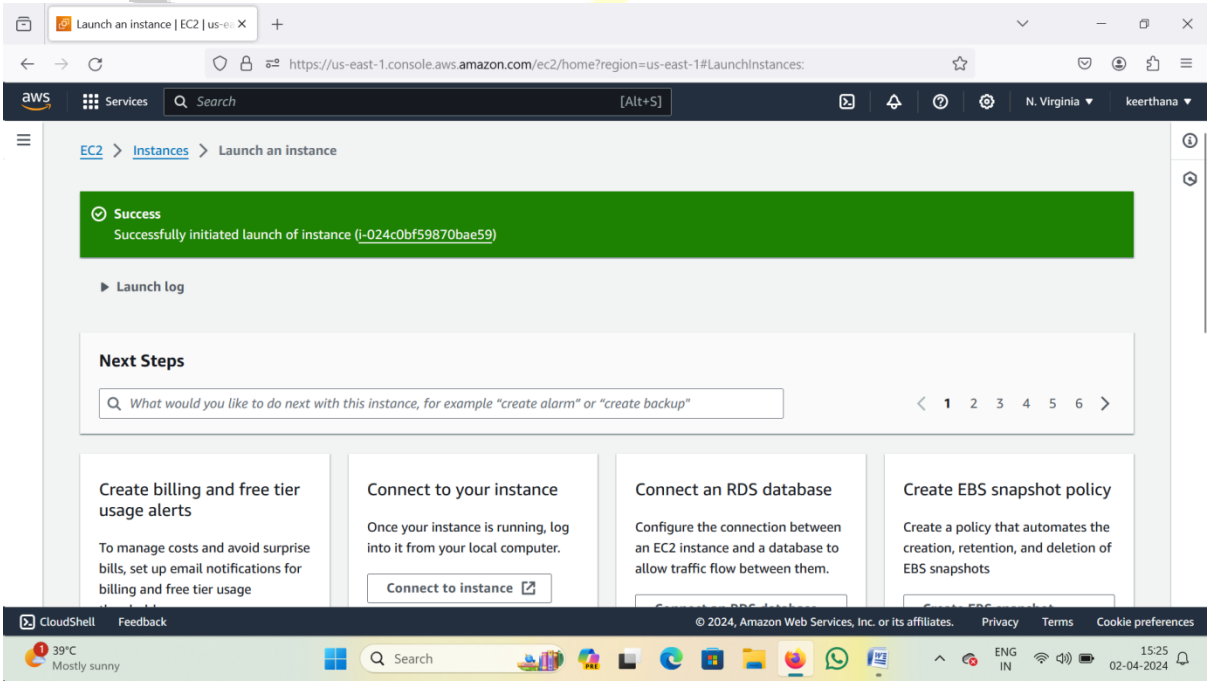




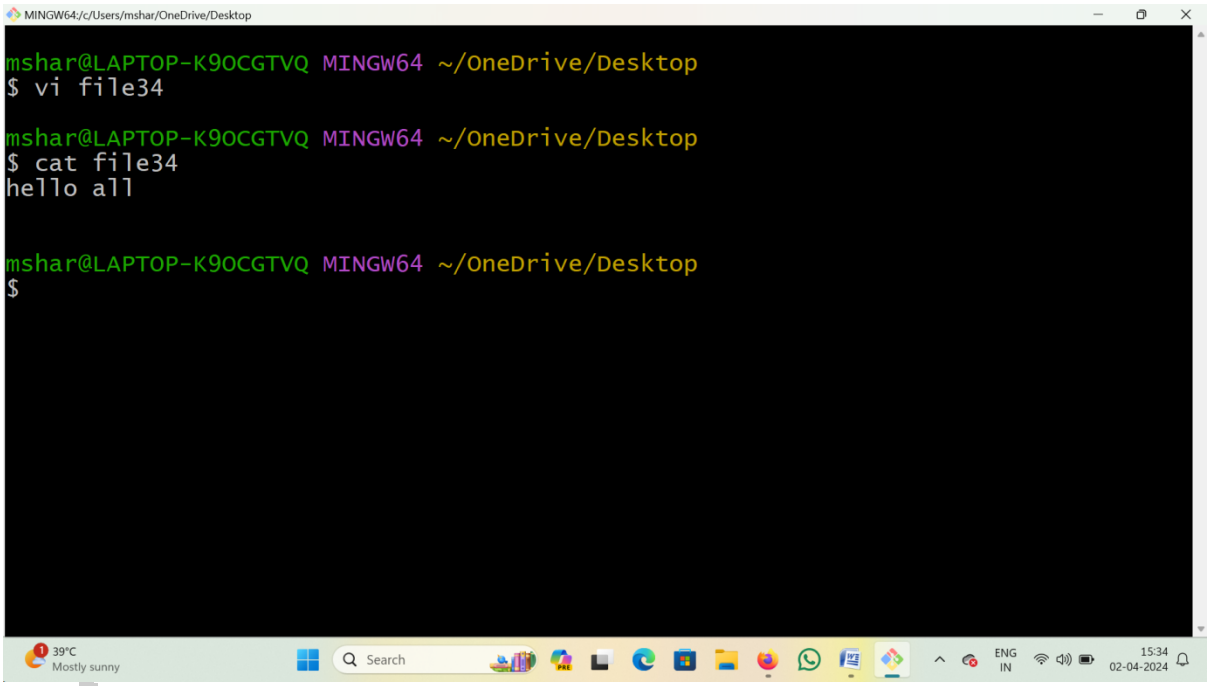

Launch an instance | EC2 | us-e
https://us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:
Services
Search
[Alt+S]
N. Virginia
keerthana
Recents
My AMIs
Quick Start
Amazon Linux
macOS
Ubuntu
Windows
Red Hat
Browse more AMIs
Including AMIs from AWS, Marketplace and the Community
Amazon Machine Image (AMI)
Ubuntu Server 22.04 LTS (HVM), SSD Volume Type
Free tier eligible
ami-080e1f13689e07408 (64-bit (x86)) / ami-0a55ba1c20b74fc30 (64-bit (Arm))
Virtualization: hvm ENA enabled: true Root device type: ebs
Description
Canonical, Ubuntu, 22.04 LTS, amd64 jammy image build on 2024-03-01
Architecture
64-bit (x86)
AMI ID
ami-080e1f13689e07408
Verified provider
Summary
Number of instances Info
1
Software Image (AMI)
Canonical, Ubuntu, 22.04 LTS, ...read more
ami-080e1f13689e07408
Virtual server type (instance type)
t2.micro
Firewall (security group)
New security group
Storage (volumes)
1 volume(s) - 8 GiB
Cancel
Launch instance
Review commands
CloudShell
Feedback
© 2024, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
39°C
Mostly sunny
Search
ENG
IN
15:22
02-04-2024

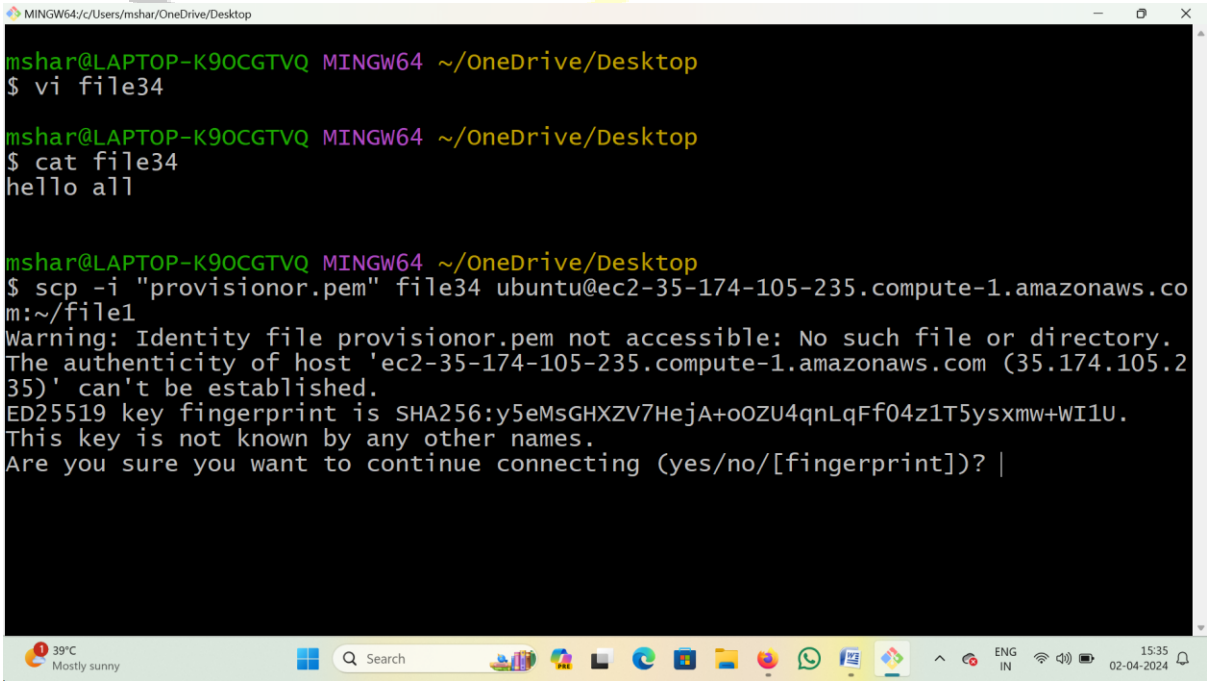

Launch an instance | EC2 | us-e
https://us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:
Services
Search
[Alt+S]
N. Virginia
keerthana
Instance type
t2.micro
Free tier eligible
Family: t2 1 vCPU 1 GiB Memory Current generation: true
On-Demand Windows base pricing: 0.0162 USD per Hour
On-Demand SUSE base pricing: 0.0116 USD per Hour
On-Demand RHEL base pricing: 0.0716 USD per Hour
On-Demand Linux base pricing: 0.0116 USD per Hour
All generations
Compare instance types
Additional costs apply for AMIs with pre-installed software
Key pair (login) Info
You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair before you launch the instance.
Key pair name - required
Select
Create new key pair
Network settings Info
Edit
Summary
Number of instances Info
1
Software Image (AMI)
Canonical, Ubuntu, 22.04 LTS, ...read more
ami-080e1f13689e07408
Virtual server type (instance type)
t2.micro
Firewall (security group)
New security group
Storage (volumes)
1 volume(s) - 8 GiB
Cancel
Launch instance
Review commands
CloudShell
Feedback
© 2024, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
Nifty midcap
+1.19%
Search
ENG
IN
15:23
02-04-2024

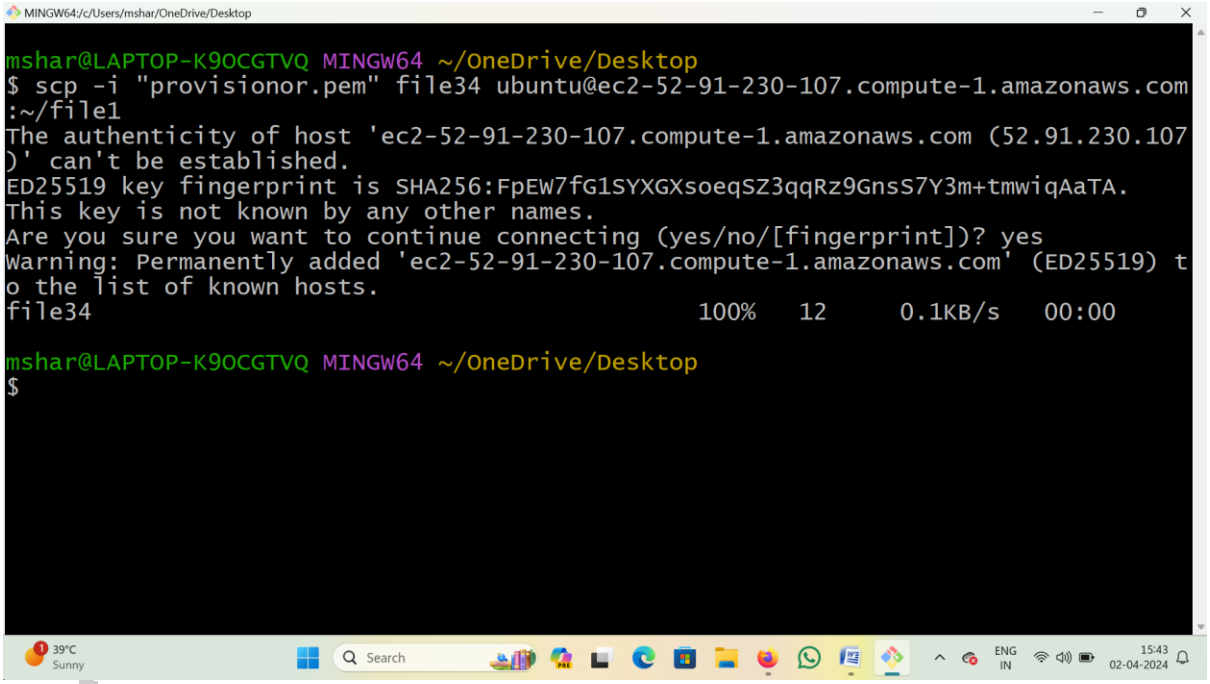




- Go to git bash then create a file in local (or) Desktop
- Enter command for local to remote file
- scp – i <keypair.pem> <filename> <dns name>:~/<filename>
- **example :** `scp -i "provisionor.pem" file34 ubuntu@ec2-52-91-230-107.compute-1.amazonaws.com:~/file1`

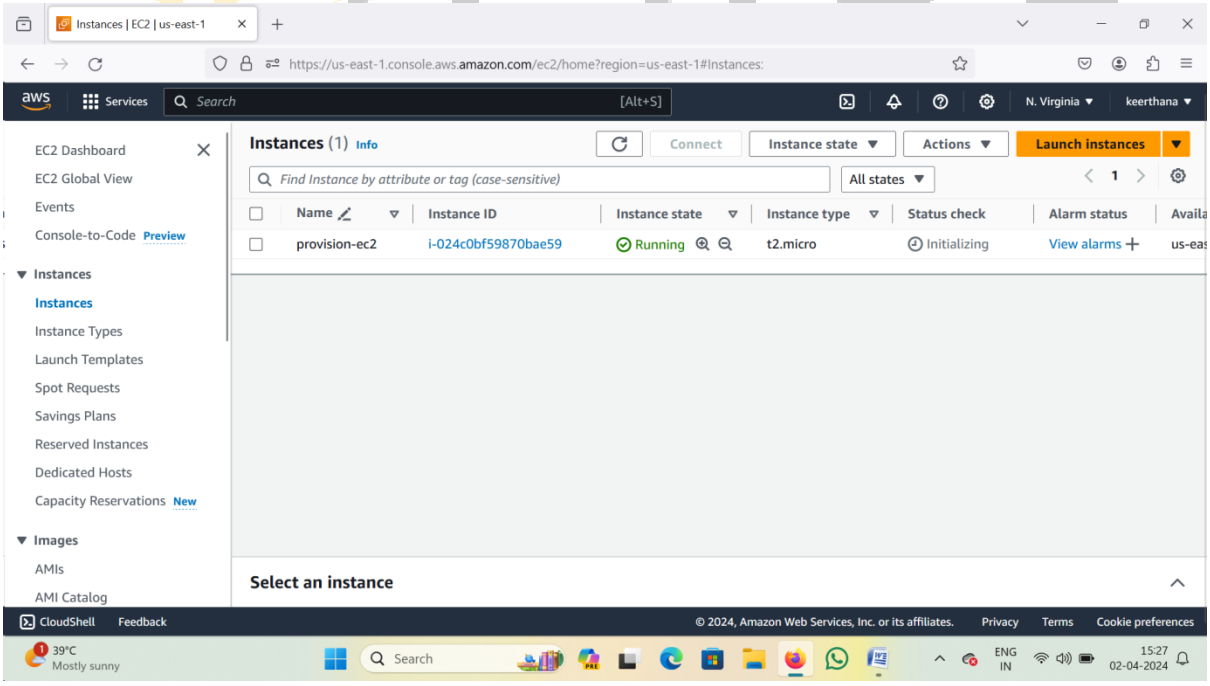

MINGW64:/c/Users/mshar/OneDrive/Desktop
mshar@LAPTOP-K9OCGTVQ MINGW64 ~/OneDrive/Desktop
$ vi file34
mshar@LAPTOP-K9OCGTVQ MINGW64 ~/OneDrive/Desktop
$ cat file34
hello all
mshar@LAPTOP-K9OCGTVQ MINGW64 ~/OneDrive/Desktop
$
39°C
Mostly sunny
Search
ENG
IN
15:34
02-04-2024

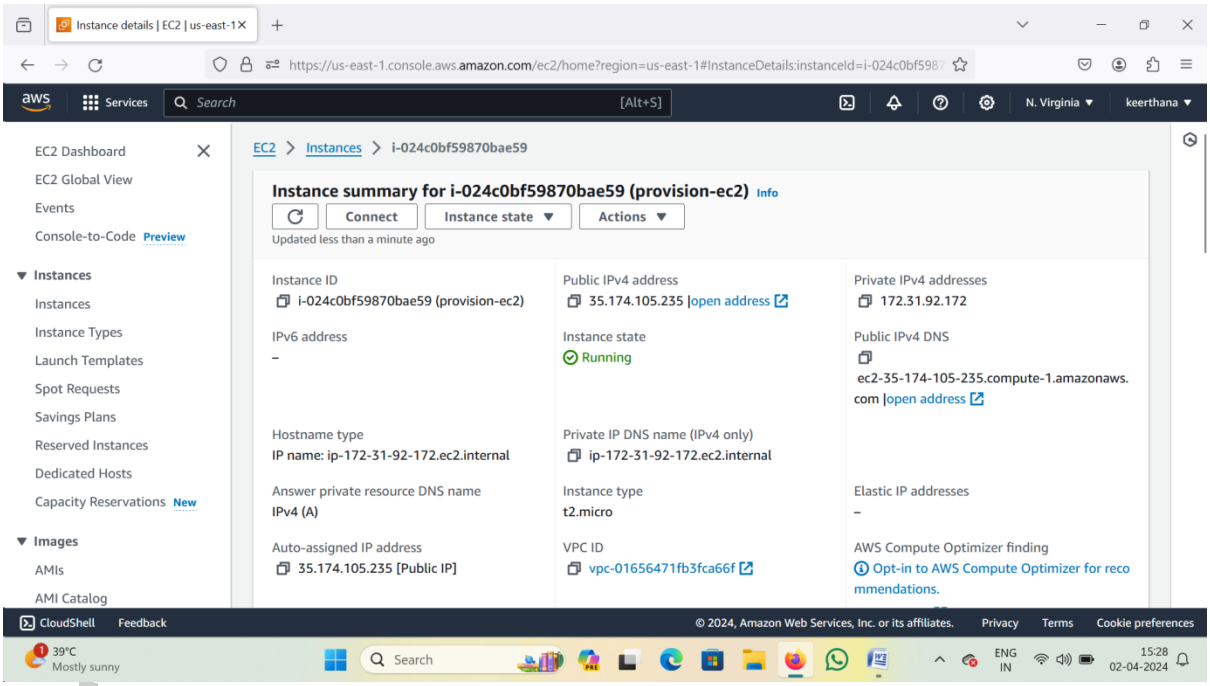

MINGW64:/c/Users/mshar/OneDrive/Desktop
mshar@LAPTOP-K9OCGTVQ MINGW64 ~/OneDrive/Desktop
$ vi file34
mshar@LAPTOP-K9OCGTVQ MINGW64 ~/OneDrive/Desktop
$ cat file34
hello all
mshar@LAPTOP-K9OCGTVQ MINGW64 ~/OneDrive/Desktop
$ scp -i "provisionor.pem" file34 ubuntu@ec2-35-174-105-235.compute-1.amazonaws.com:~/file1
Warning: Identity file provisionor.pem not accessible: No such file or directory.
The authenticity of host 'ec2-35-174-105-235.compute-1.amazonaws.com (35.174.105.235)' can't be established.
ED25519 key fingerprint is SHA256:y5eMsGHXZV7HejA+oOZU4qnLqFf04z1T5ysxmw+WI1U.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])?
39°C
Mostly sunny
Search
ENG
IN
15:35
02-04-2024

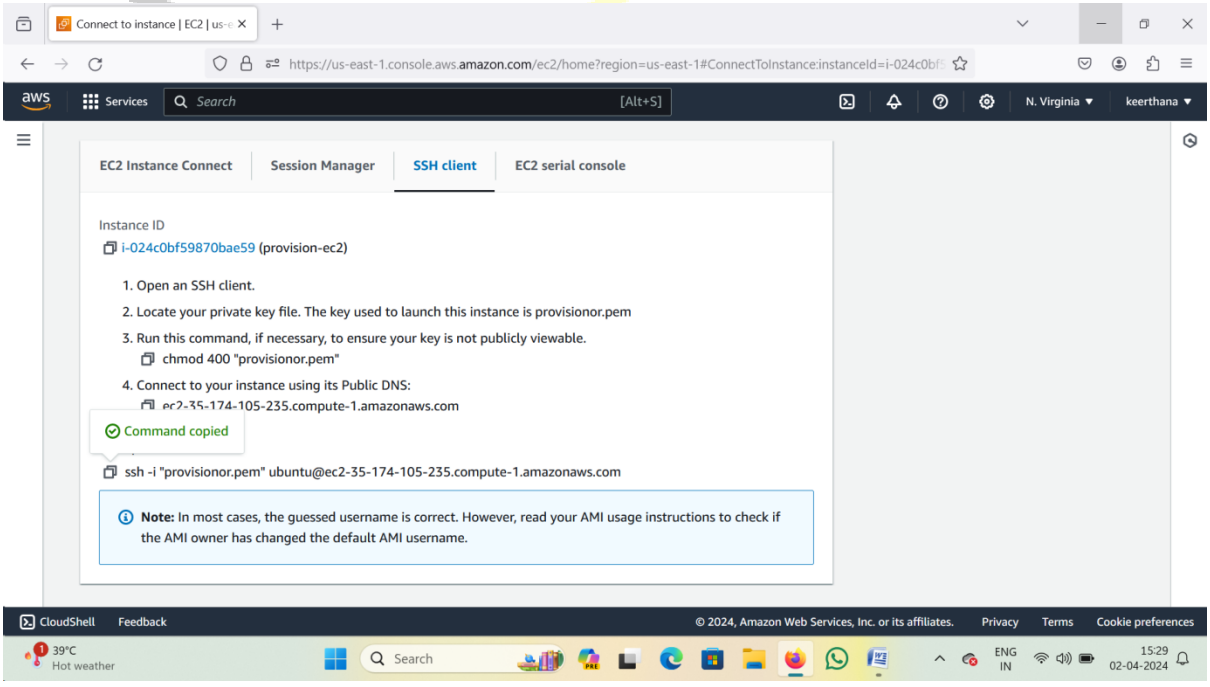


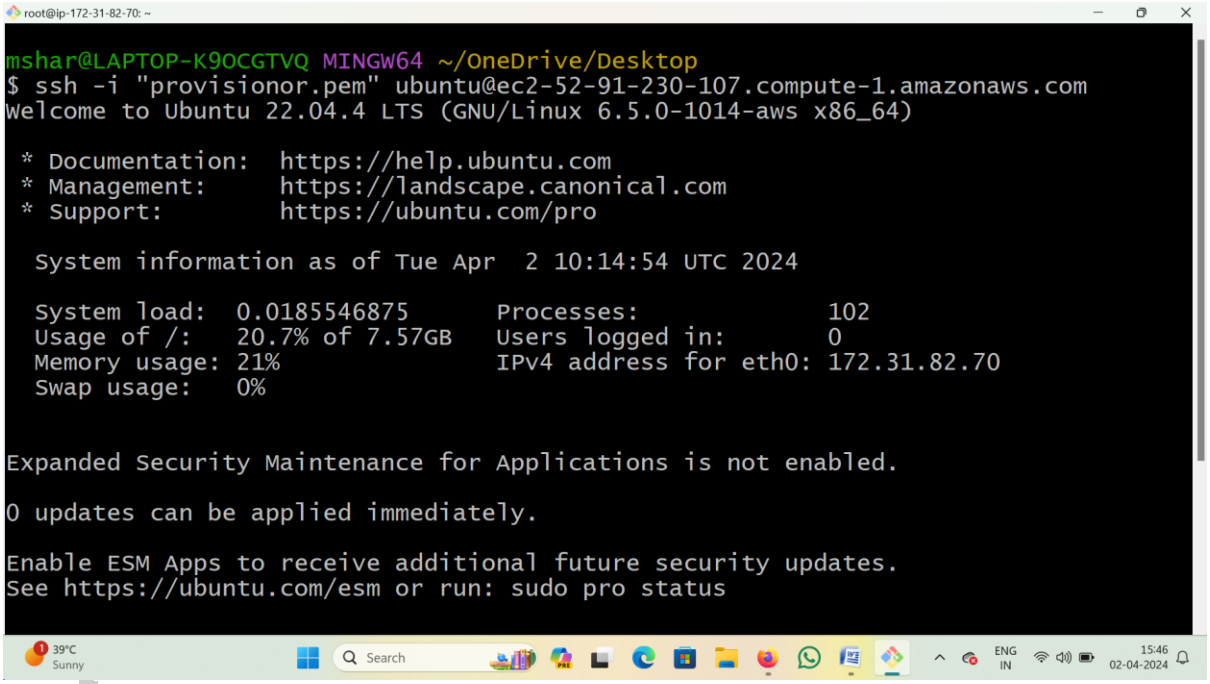
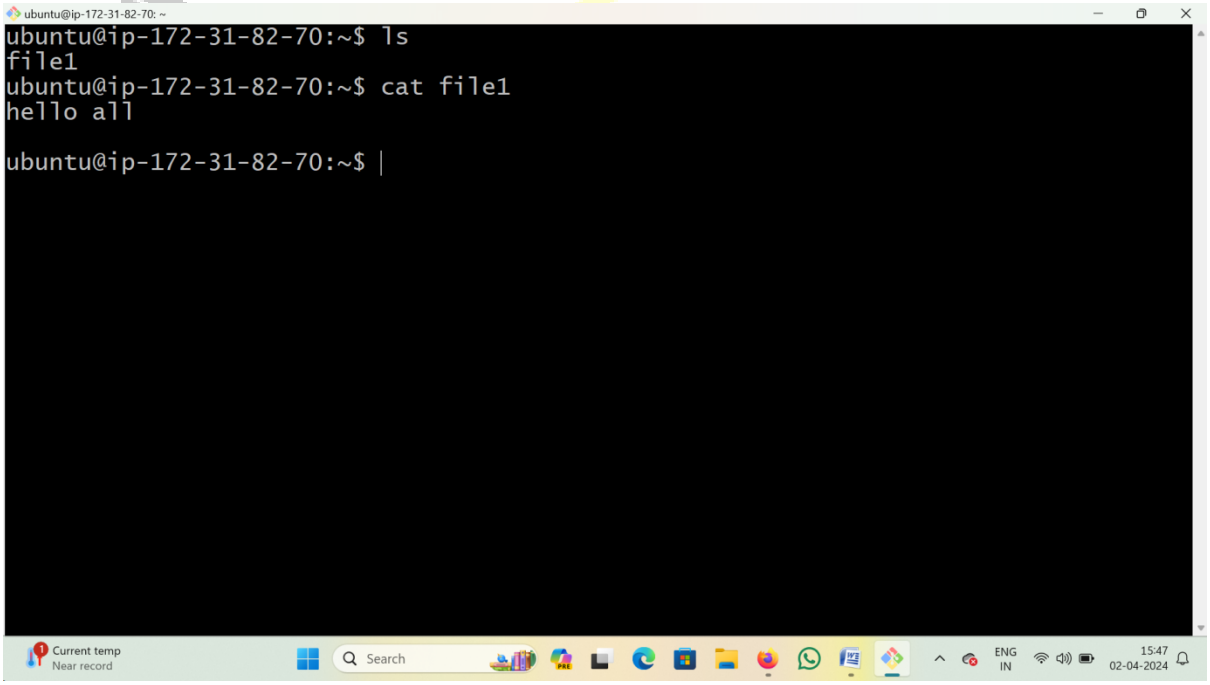
- Now go to ec2 instance and click on instance id
- Select ssh client and copy the ssh command is

“ssh -i "provisionor.pem" ubuntu@ec2-52-91-230-107.compute-1.amazonaws.com”




Instance details | EC2 | us-east-1
https://us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#InstanceDetails:instanceId=i-024c0bf59870bae59
Services
Search
[Alt+S]
N. Virginia
keerthana
EC2 Dashboard
EC2 Global View
Events
Console-to-Code Preview
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations New
Images
AMIs
AMI Catalog
EC2 > Instances > i-024c0bf59870bae59
Instance summary for i-024c0bf59870bae59 (provision-ec2) Info
Connect
Instance state
Actions
Updated less than a minute ago
Instance ID
i-024c0bf59870bae59 (provision-ec2)
Public IPv4 address
35.174.105.235 |open address
Private IPv4 addresses
172.31.92.172
IPv6 address
–
Instance state
Running
Public IPv4 DNS
ec2-35-174-105-235.compute-1.amazonaws.com |open address
Hostname type
IP name: ip-172-31-92-172.ec2.internal
Private IP DNS name (IPv4 only)
ip-172-31-92-172.ec2.internal
Answer private resource DNS name
IPv4 (A)
Instance type
t2.micro
Elastic IP addresses
–
Auto-assigned IP address
35.174.105.235 [Public IP]
VPC ID
vpc-01656471fb3fca66f
AWS Compute Optimizer finding
Opt-in to AWS Compute Optimizer for recommendations.
CloudShell
Feedback
© 2024, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
39°C
Mostly sunny
Search
ENG
IN
15:28
02-04-2024


Connect to instance | EC2 | us-e
https://us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#ConnectToInstance:instanceId=i-024c0bf
Services
Search
[Alt+S]
N. Virginia
keerthana
EC2 Instance Connect
Session Manager
SSH client
EC2 serial console
Instance ID
i-024c0bf59870bae59 (provision-ec2)
1. Open an SSH client.
2. Locate your private key file. The key used to launch this instance is provisionor.pem
3. Run this command, if necessary, to ensure your key is not publicly viewable.
chmod 400 "provisionor.pem"
4. Connect to your instance using its Public DNS:
ec2-35-174-105-235.compute-1.amazonaws.com
Command copied
ssh -i "provisionor.pem" ubuntu@ec2-35-174-105-235.compute-1.amazonaws.com
Note: In most cases, the guessed username is correct. However, read your AMI usage instructions to check if the AMI owner has changed the default AMI username.
CloudShell
Feedback
© 2024, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
39°C
Hot weather
Search
ENG
IN
15:29
02-04-2024



- We see the data file in the remote server.