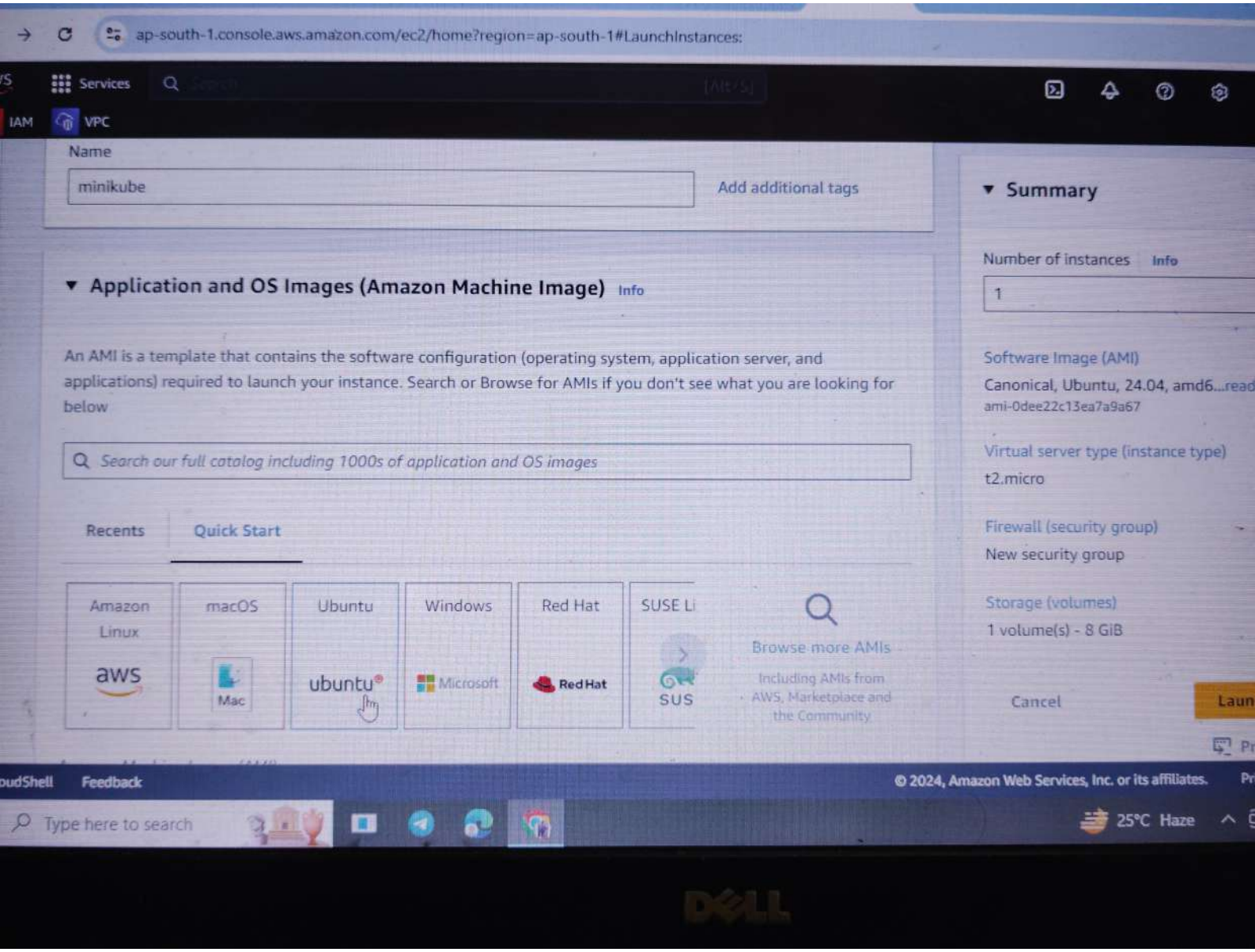

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#LaunchInstances:
Services
IAM
VPC
Name
minikube
Add additional tags
Summary
Application and OS Images (Amazon Machine Image) Info
An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. Search or Browse for AMIs if you don't see what you are looking for below
Search our full catalog including 1000s of application and OS images
Recents
Quick Start
Amazon Linux
macOS
Ubuntu
Windows
Red Hat
SUSE Li
Browse more AMIs
Including AMIs from AWS, Marketplace and the Community
Number of instances Info
1
Software Image (AMI)
Canonical, Ubuntu, 24.04, amd6...read
ami-0dee22c13ea7a9a67
Virtual server type (instance type)
t2.micro
Firewall (security group)
New security group
Storage (volumes)
1 volume(s) - 8 GiB
Cancel
Laun
CloudShell
Feedback
© 2024, Amazon Web Services, Inc. or its affiliates.
Type here to search
25°C Haze

9a67

Instance type Info | Get advice

Instance type

t2.medium
Family: t2 2 vCPU 4 GiB Memory Current generation: true
On-Demand Linux base pricing: 0.0496 USD per Hour
On-Demand Ubuntu Pro base pricing: 0.0531 USD per Hour
On-Demand Windows base pricing: 0.0676 USD per Hour
On-Demand RHEL base pricing: 0.0784 USD per Hour
On-Demand SUSE base pricing: 0.1496 USD per Hour

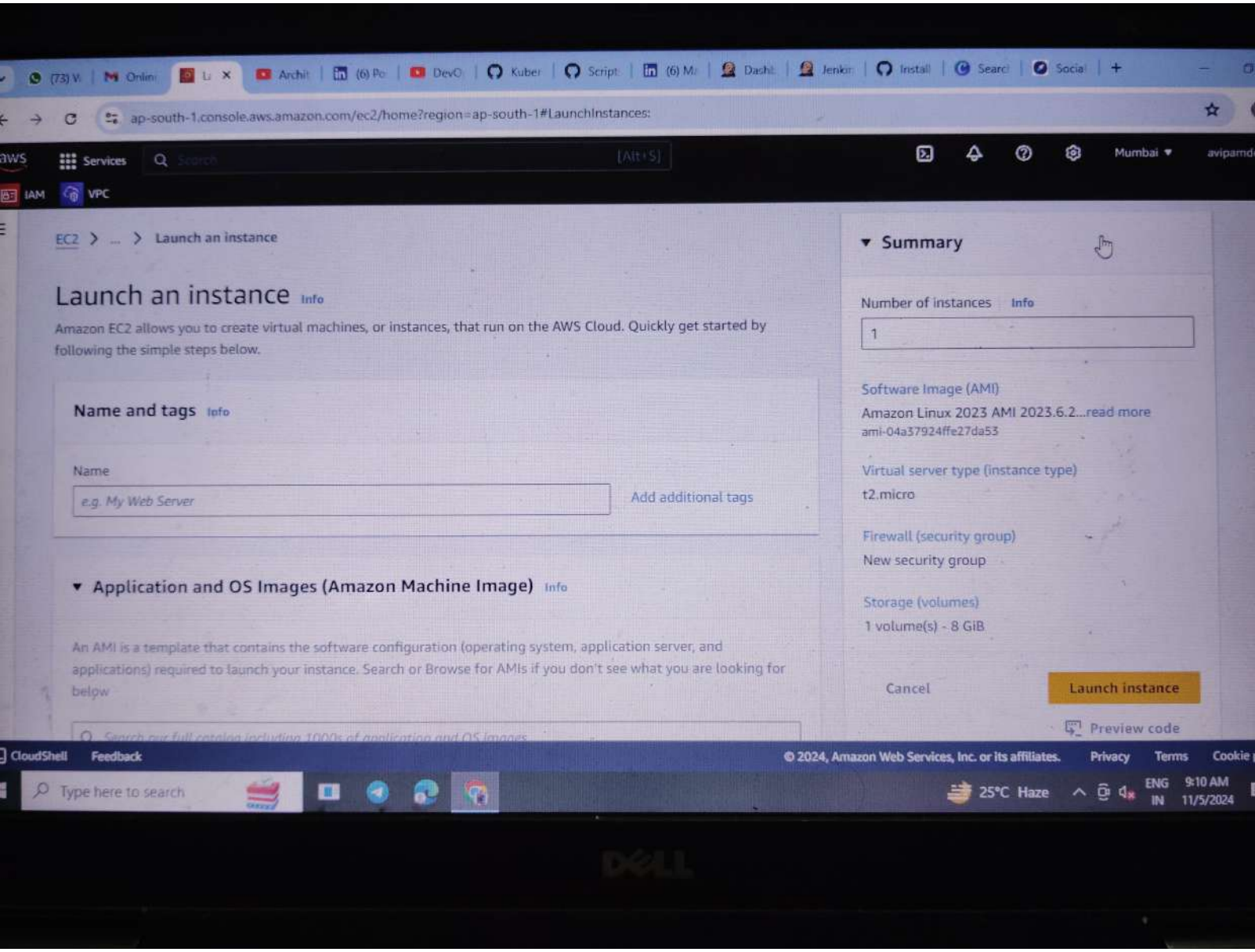
All generations

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.


ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#LaunchInstances:
Services
Search
[Alt+S]
Mumbai
IAM
VPC
EC2 > ... > Launch an instance
Launch an instance Info
Amazon EC2 allows you to create virtual machines, or instances, that run on the AWS Cloud. Quickly get started by following the simple steps below.
Name and tags Info
Name
e.g. My Web Server
Add additional tags
Application and OS Images (Amazon Machine Image) Info
An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. Search or Browse for AMIs if you don't see what you are looking for below
Summary
Number of instances Info
1
Software Image (AMI)
Amazon Linux 2023 AMI 2023.6.2...read more
ami-04a37924ffe27da53
Virtual server type (instance type)
t2.micro
Firewall (security group)
New security group
Storage (volumes)
1 volume(s) - 8 GiB
Cancel
Launch instance
Preview code
CloudShell
Feedback
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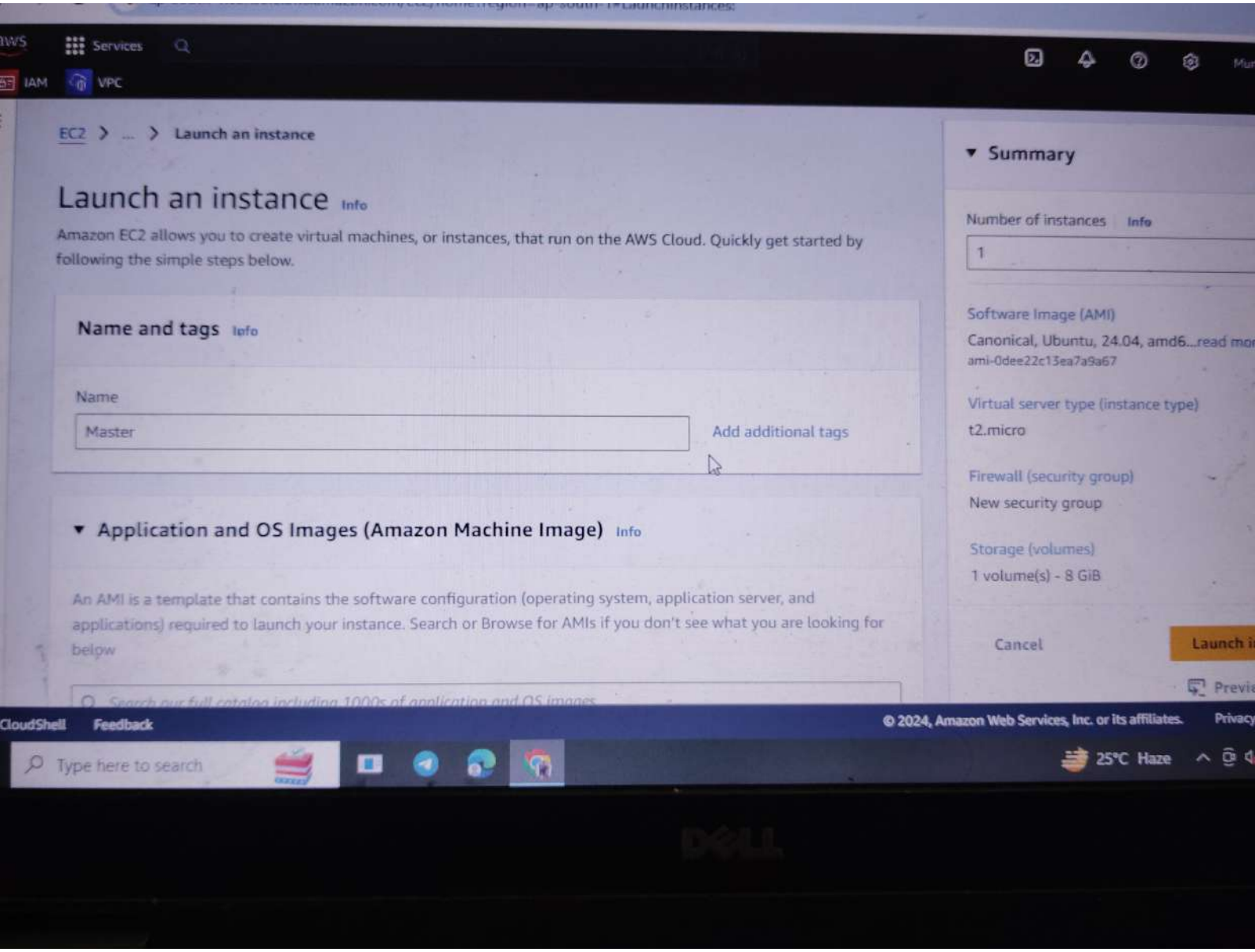
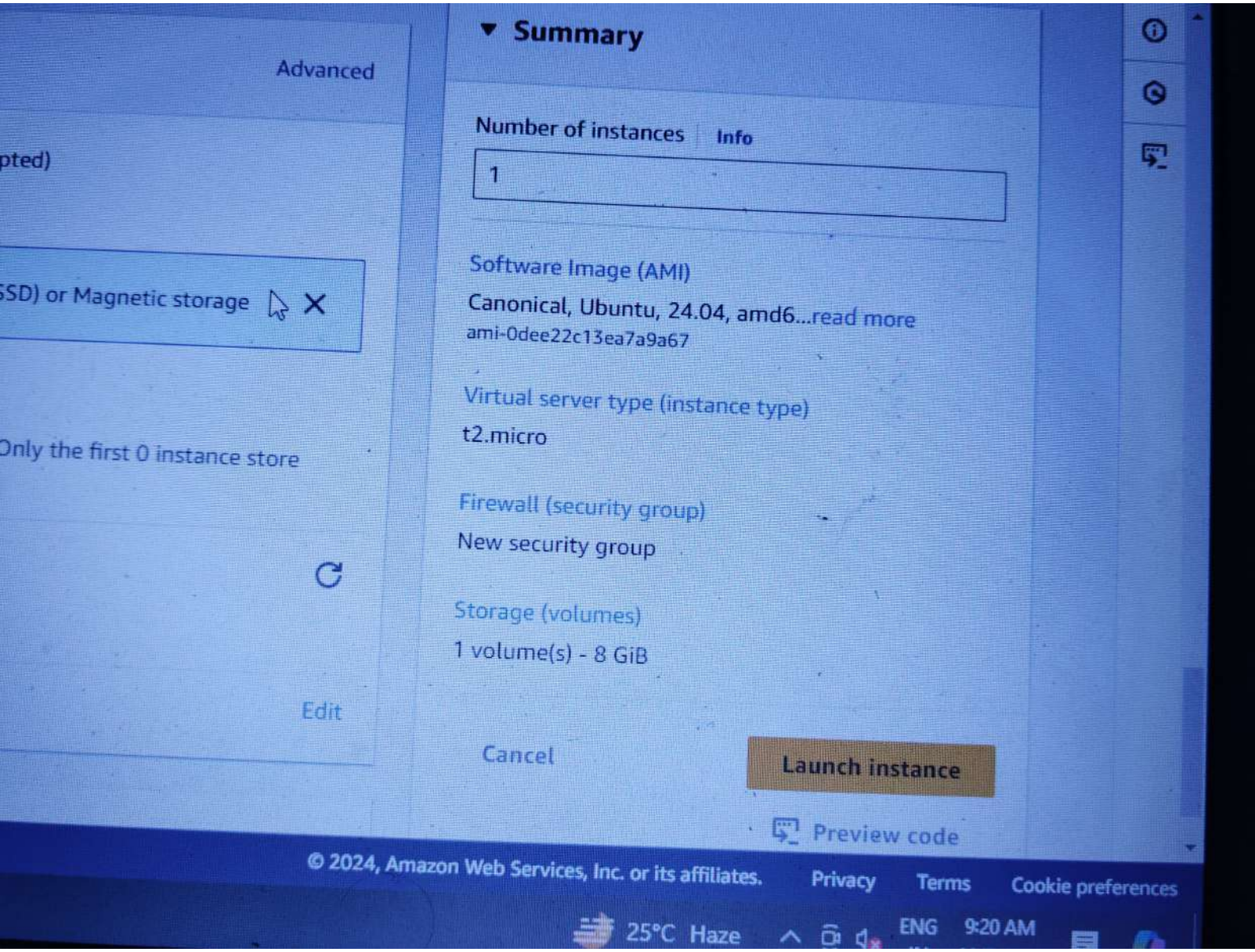
Privacy
Terms
Cookie
Type here to search
25°C Haze
ENG
IN
9:10 AM
11/5/2024


Services
IAM
VPC
EC2 > ... > Launch an instance
Launch an instance Info
Amazon EC2 allows you to create virtual machines, or instances, that run on the AWS Cloud. Quickly get started by following the simple steps below.
Name and tags Info
Name
Master
Add additional tags
Application and OS Images (Amazon Machine Image) Info
An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. Search or Browse for AMIs if you don't see what you are looking for below
Summary
Number of instances Info
1
Software Image (AMI)
Canonical, Ubuntu, 24.04, amd6...read mo
ami-0dee22c13ea7a9a67
Virtual server type (instance type)
t2.micro
Firewall (security group)
New security group
Storage (volumes)
1 volume(s) - 8 GiB
Cancel
Launch i
CloudShell
Feedback
© 2024, Amazon Web Services, Inc. or its affiliates.
Privacy
Type here to search
25°C Haze


Advanced
pted)
SSD) or Magnetic storage
Only the first 0 instance store
Edit
Summary
Number of instances Info
1
Software Image (AMI)
Canonical, Ubuntu, 24.04, amd6...read more
ami-0dee22c13ea7a9a67
Virtual server type (instance type)
t2.micro
Firewall (security group)
New security group
Storage (volumes)
1 volume(s) - 8 GiB
Cancel
Launch instance
Preview code
© 2024, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
25°C Haze
ENG
9:20 AM

(73) WhatsApp | Online Assesment - a | Launch an instance | Connec

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#ConnectToIns

Services

IAM VPC

Connect to instance Info

Connect to your instance i-0ab16cecf8992839a (Node 1) using any of these options

EC2 Instance Connect | Session Manager | SSH client | EC2 serial console

Port 22 (SSH) is open to all IPv4 addresses

Port 22 (SSH) is currently open to all IPv4 addresses, indicated by **0.0.0.0/0** in the inbound rule in your security group. For increased security, consider restricting access to only the EC2 Instance Connect service IP addresses for your Region: 13.233.177.0/29. Learn more.

Instance ID

i-0ab16cecf8992839a (Node 1)

Connection Type

- Connect using EC2 Instance Connect
  Connect using the EC2 Instance Connect browser-based client, with a public IPv4 or IPv6 address.
- Connect using EC2 Instance Connect Endpoint
  Connect using the EC2 Instance Connect browser-based client, with a private IPv4 address and a VPC endpoint.

- Public IPv4 address
  15.206.84.37
- IPv6 address

Username

Enter the username defined in the AMI used to launch the instance. If you didn't define a custom username, use the default username.

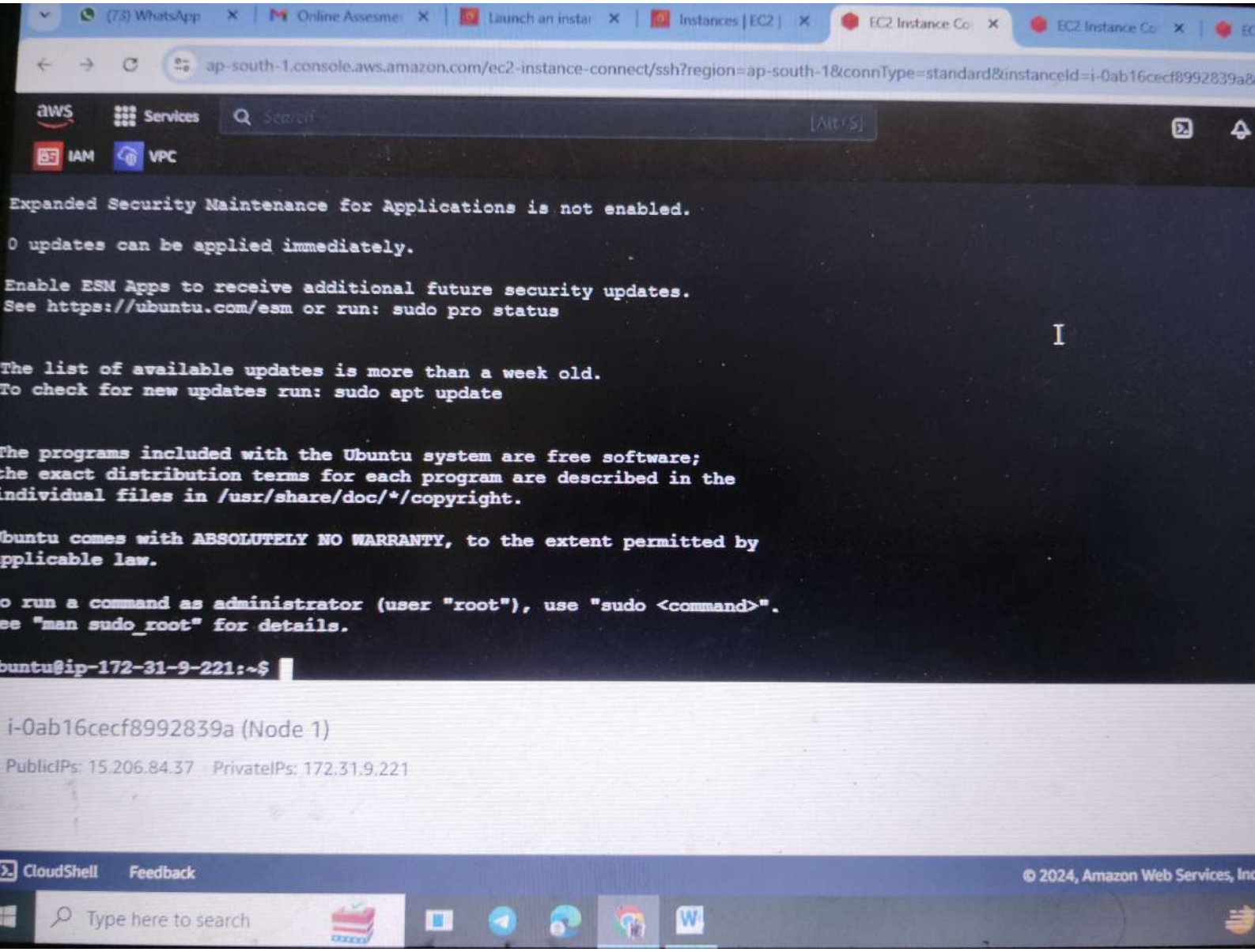
ubuntu

Note: In most cases, the default username, ubuntu, is correct. However, read your AMI usage instructions to check if the AMI owner has changed the default AMI username.

Cancel Connect

CloudShell Feedback

Type here to search


(73) WhatsApp
Online Assesme
Launch an instar
Instances | EC2 |
EC2 Instance Co
EC2 Instance Co
ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=ap-south-1&connType=standard&instanceId=i-0ab16cecf8992839a8
aws
Services
Search
[Alt+S]
IAM
VPC
Expanded Security Maintenance for Applications is not enabled.
0 updates can be applied immediately.
Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status
The list of available updates is more than a week old.
To check for new updates run: sudo apt update
The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.
Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.
buntu@ip-172-31-9-221:~$
i-0ab16cecf8992839a (Node 1)
PublicIPs: 15.206.84.37 PrivateIPs: 172.31.9.221
CloudShell
Feedback
© 2024, Amazon Web Services, Inc
Type here to search

sudo su

==========Now install docker==========

sudo apt update && apt -y install docker.io

==========install Kubectl==========

curl -LO https://storage.googleapis.com/kubern... -s https://storage.googleapis.com/kubern... && chmod +x ./kubectl && sudo mv ./kubectl /usr/local/bin/kubectl

==========install Minikube==========

curl -Lo minikube https://storage.googleapis.com/miniku... && chmod +x minikube && sudo mv minikube /usr/local/bin/

****

```
kind: Pod
apiVersion: v1
metadata:
  name: testpod
spec:
  containers:
name: c00
     image: ubuntu
```

```
    command: ["/bin/bash", "-c", "while true; do echo Hello-Bhupinder; sleep 5 ; done"]
  restartPolicy: Never        # Defaults to Always
```

kubectl apply -f pod1.yml

****

MULTI CONTAINER POD ENVIRONMENT

```
kind: Pod
apiVersion: v1
metadata:
  name: testpod3
spec:
  containers:
name: c00
    image: ubuntu
    command: ["/bin/bash", "-c", "while true; do echo Technical-Guftgu; sleep 5 ; done"]
name: c01
    image: ubuntu
    command: ["/bin/bash", "-c", "while true; do echo Hello-Bhupinder; sleep 5 ; done"]
```

****
****

POD ENVIRONMENT VARIABLES

```
kind: Pod
apiVersion: v1
metadata:
  name: environments
spec:
  containers:
name: c00
     image: ubuntu
     command: ["/bin/bash", "-c", "while true; do echo Hello-Bhupinder; sleep 5 ; done"]
     env:                    # List of environment variables to be used inside the pod
name: MYNAME
       value: BHUPINDER
```

****
****

POD WITH PORTS

```
kind: Pod
apiVersion: v1
metadata:
  name: testpod4
```

```
spec:
  containers:
name: c00
    image: httpd
    ports:
containerPort: 80
```