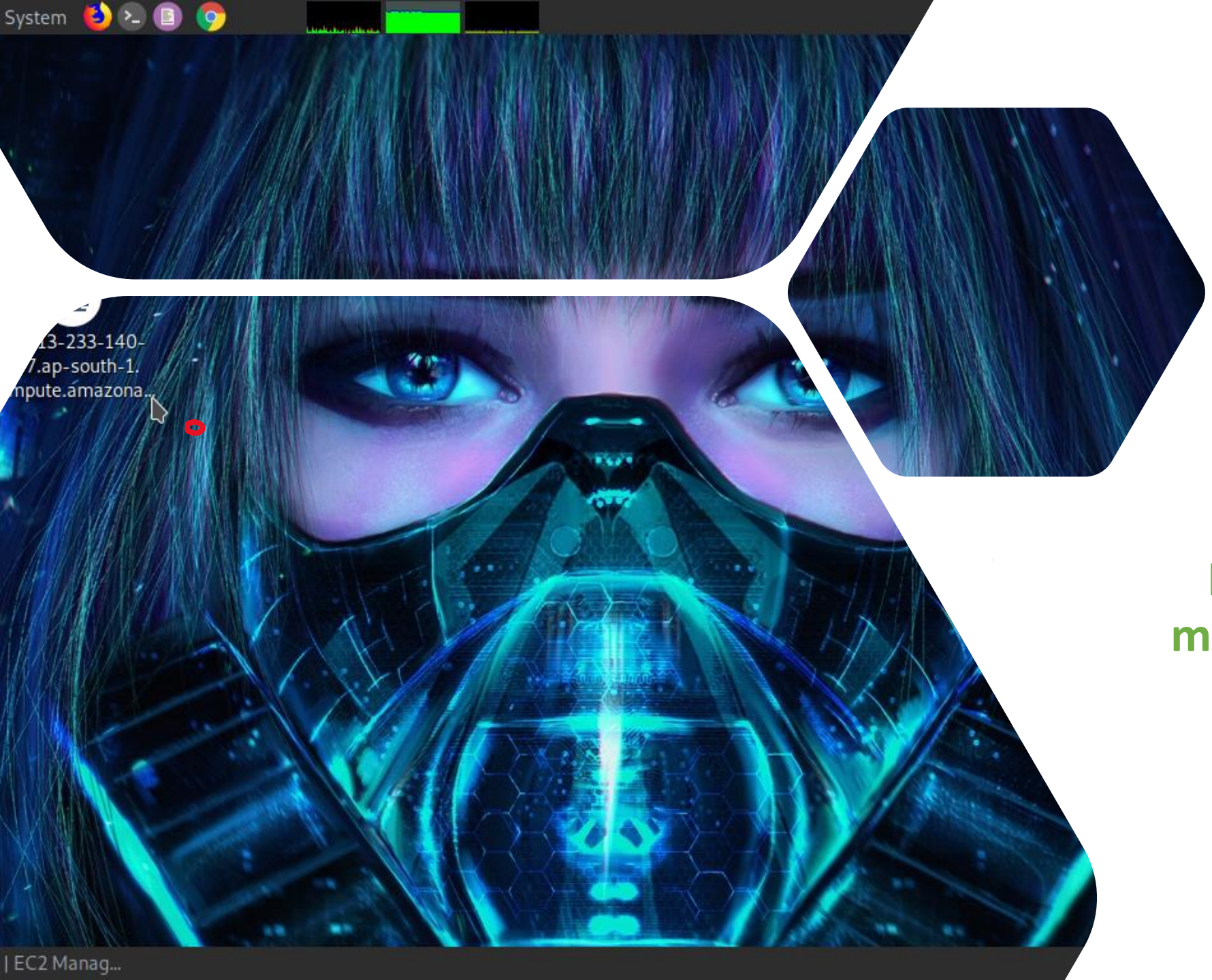
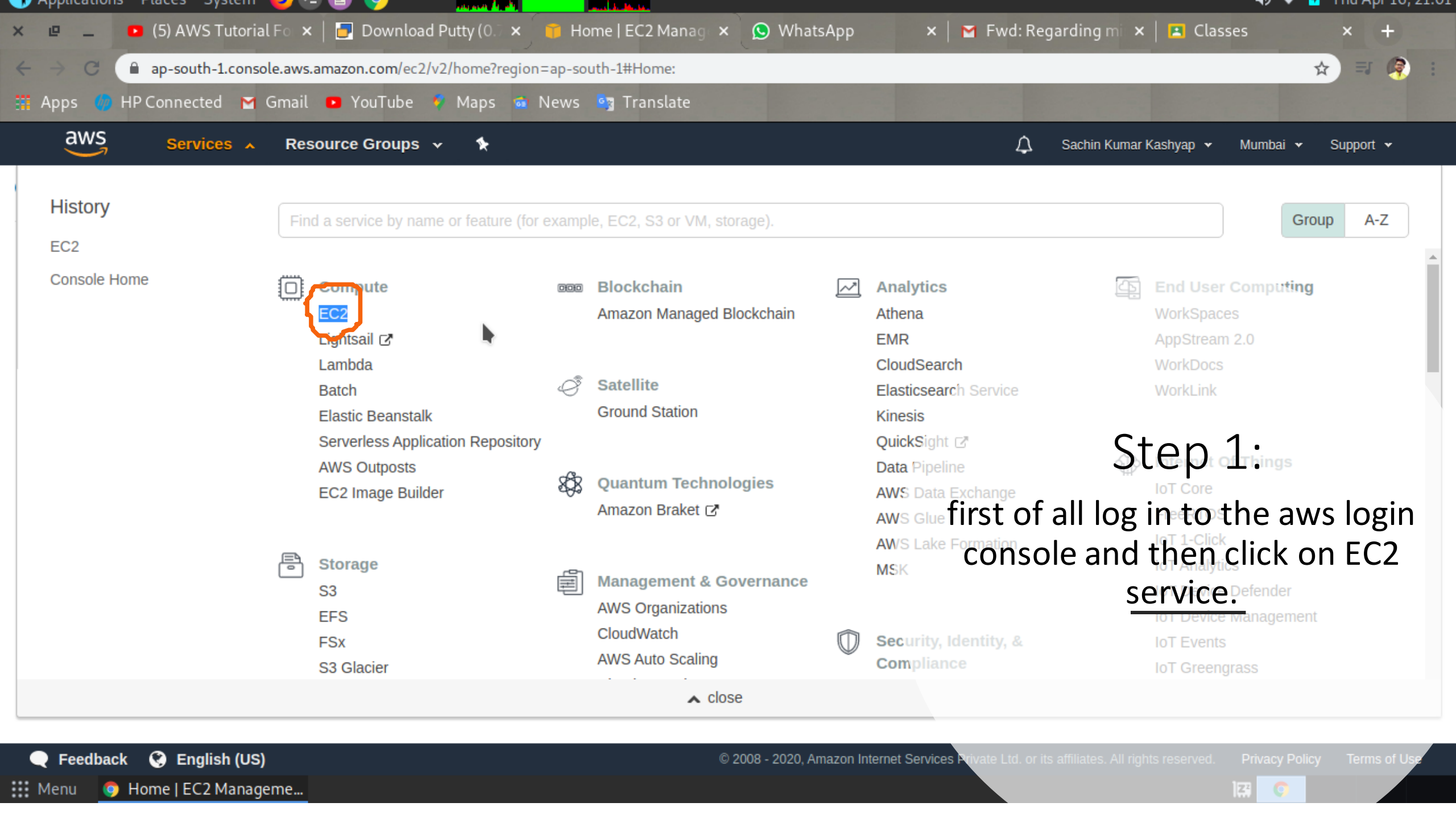


EC2 Service

How to create Amazon machine instance (AMI).



Step 1:

first of all log in to the aws login console and then click on EC2 service.

Applications Places System Thu Apr 16, 21:06

(5) AWS Tutorial Fo | Download Putty (0.7 | EC2 Management C | WhatsApp | Fwd: Regarding mi | Classes

ap-south-1.console.aws.amazon.com/ec2/v2/home?region=ap-south-1#Home:

Apps HP Connected Gmail YouTube Maps News Translate

aws Services Resource Groups Sachin Kumar Kashyap Mumbai Support

New EC2 Experience
Tell us what you think

EC2 Dashboard New
Events New
Tags
Reports
Limits

INSTANCES
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts New
Capacity Reservations

IMAGES

Running instances	0	Elastic IPs	0
Dedicated Hosts	0	Snapshots	0
Volumes	2	Load balancers	0
Key pairs	1	Security groups	6
Placement groups	0		

Launch instance

To get started, launch an Amazon EC2 instance, which is a virtual server in the cloud.

Launch instance ▲

Launch instance

Launch instance from template

Asia Pacific (Mumbai) Region

Scheduled events

Supported platforms
- VPC

Default VPC
vpc-d2b985ba

Console experiments
Settings

Additional information

Getting started guide
Documentation
All EC2 resources
Forums
Pricing
Contact us

Step 2:

Click on Lunch instance

https://ap-south-1.console.aws.amazon.com/ec2/v2/home?region=ap-south-1#LaunchInstanceWizard:

Privacy Policy Terms of Use

Menu EC2 Management Cons...

Applications Places System Thu Apr 16, 21:07

(5) AWS Tutorial Fo | Download Putty (0. | EC2 Management (| WhatsApp | Fwd: Regarding mi | Classes

ap-south-1.console.aws.amazon.com/ec2/v2/home?region=ap-south-1#LaunchInstanceWizard:

Apps HP Connected Gmail YouTube Maps News Translate

aws Services Resource Groups Sachin Kumar Kashyap Mumbai Support

1. Choose AMI | 2. Choose Instance Type | 3. Configure Instance | 4. Add Storage | 5. Add Tags | 6. Configure Security Group | 7. Review

Step 1: Choose an Amazon Machine Image (AMI)

Cancel and Exit

Amazon RDS

...database management tasks. With RDS, you can easily deploy Amazon Aurora, MariaDB, MySQL, Oracle, PostgreSQL, and SQL Server databases on AWS. Aurora is a MySQL- and PostgreSQL-compatible, enterprise-class database at 1/10th the cost of commercial databases. Learn more about RDS

Launch a database using RDS

Microsoft Windows Server 2019 Base - ami-0a647b8642eaade60

Windows

Free tier eligible

Microsoft Windows 2019 Datacenter edition. [English]

Root device type: ebs Virtualization type: hvm ENA Enabled: Yes

Select

64-bit (x86)

Microsoft Windows Server 2019 Base with Containers - ami-016b99c8dd51662b7

Windows

Free tier eligible

Microsoft Windows 2019 Datacenter edition with Containers. [English]

Root device type: ebs Virtualization type: hvm ENA Enabled: Yes

Select

64-bit (x86)

Microsoft Windows Server 2019 with SQL Server 2017 Standard - ami-0bb5c7ed39ad06128

Windows

Microsoft Windows 2019 Datacenter edition, Microsoft SQL Server 2017 Standard. [English]

Root device type: ebs Virtualization type: hvm ENA Enabled: Yes

Select

64-bit (x86)

Step 3:

Choose any AMI

Feedback English (US)

 Privacy Policy Terms of Use

Menu EC2 Management Cons...

Applications Places System Thu Apr 16, 21:08

(5) AWS Tutorial Fo | Download Putty (0. | EC2 Management (| WhatsApp | Fwd: Regarding m | Classes

ap-south-1.console.aws.amazon.com/ec2/v2/home?region=ap-south-1#LaunchInstanceWizard:

Apps HP Connected Gmail YouTube Maps News Translate

aws Services Resource Groups Sachin Kumar Kashyap Mumbai Support

1. Choose AMI | 2. Choose Instance Type | 3. Configure Instance | 4. Add Storage | 5. Add Tags | 6. Configure Security Group | 7. Review

Step 2: Choose an Instance Type

Amazon EC2 provides a wide selection of instance types optimized to fit different use cases. Instances are virtual servers that can run applications. They have varying combinations of CPU, memory, storage, and networking capacity, and give you the flexibility to choose the appropriate mix of resources for your applications. Learn more about instance types and how they can meet your computing needs.

Filter by: All instance types | Current generation | Show/Hide Columns

Currently selected: t2.micro (Variable ECUs, 1 vCPUs, 2.5 GHz, Intel Xeon Family, 1 GiB memory, EBS only)

	Family	Type	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance	IPv6 Support
☐	General purpose	t2.nano	1	0.5	EBS only	-	Low to Moderate	Yes
☑	General purpose	t2.micro Free tier eligible	1	1	EBS only	-	Low to Moderate	Yes
☐	General purpose	t2.small	1	2	EBS only	-	Low to Moderate	Yes
☐	General purpose	t2.medium	2	4	EBS only	-	Low to Moderate	Yes

Step 4:

Choose any instance type and then click on next.

Cancel Previous Review and Launch Next: Configure Instance Details

Feedback English (US)

 Privacy Policy Terms of Use

Menu EC2 Management Cons...

Applications Places System Thu Apr 16, 21:11

(5) AWS Tutorial Fo | Download Putty (0. | EC2 Management (| WhatsApp | Fwd: Regarding m | Classes

ap-south-1.console.aws.amazon.com/ec2/v2/home?region=ap-south-1#LaunchInstanceWizard:

Apps HP Connected Gmail YouTube Maps News Translate

aws Services Resource Groups Sachin Kumar Kashyap Mumbai Support

1. Choose AMI | 2. Choose Instance Type | 3. Configure Instance | 4. Add Storage | 5. Add Tags | 6. Configure Security Group | 7. Review

Step 3: Configure Instance Details

IAM role	None — Create new IAM role
Shutdown behavior	Stop
Stop - Hibernate behavior	Enable hibernation as an additional stop behavior
Enable termination protection	Protect against accidental termination
Monitoring	Enable CloudWatch detailed monitoring Additional charges apply.
Tenancy	Shared - Run a shared hardware instance Additional charges will apply for dedicated tenancy.
T2/T3 Unlimited	Enable Additional charges may apply

▼ Advanced Details

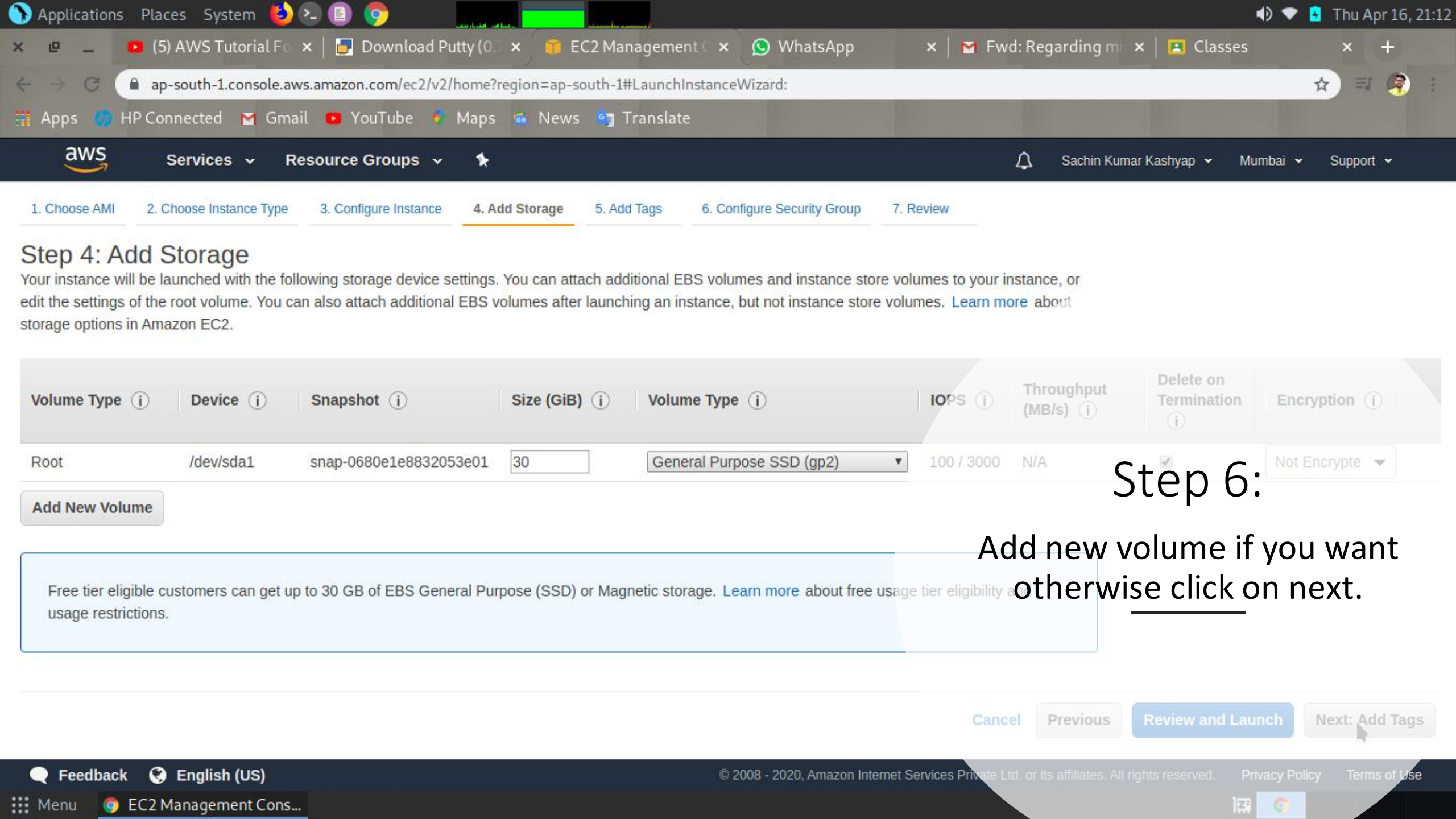
Cancel Previous Review and Launch Next: Add Storage

Step 5:

According to your requirement, configure your instance then click on next.

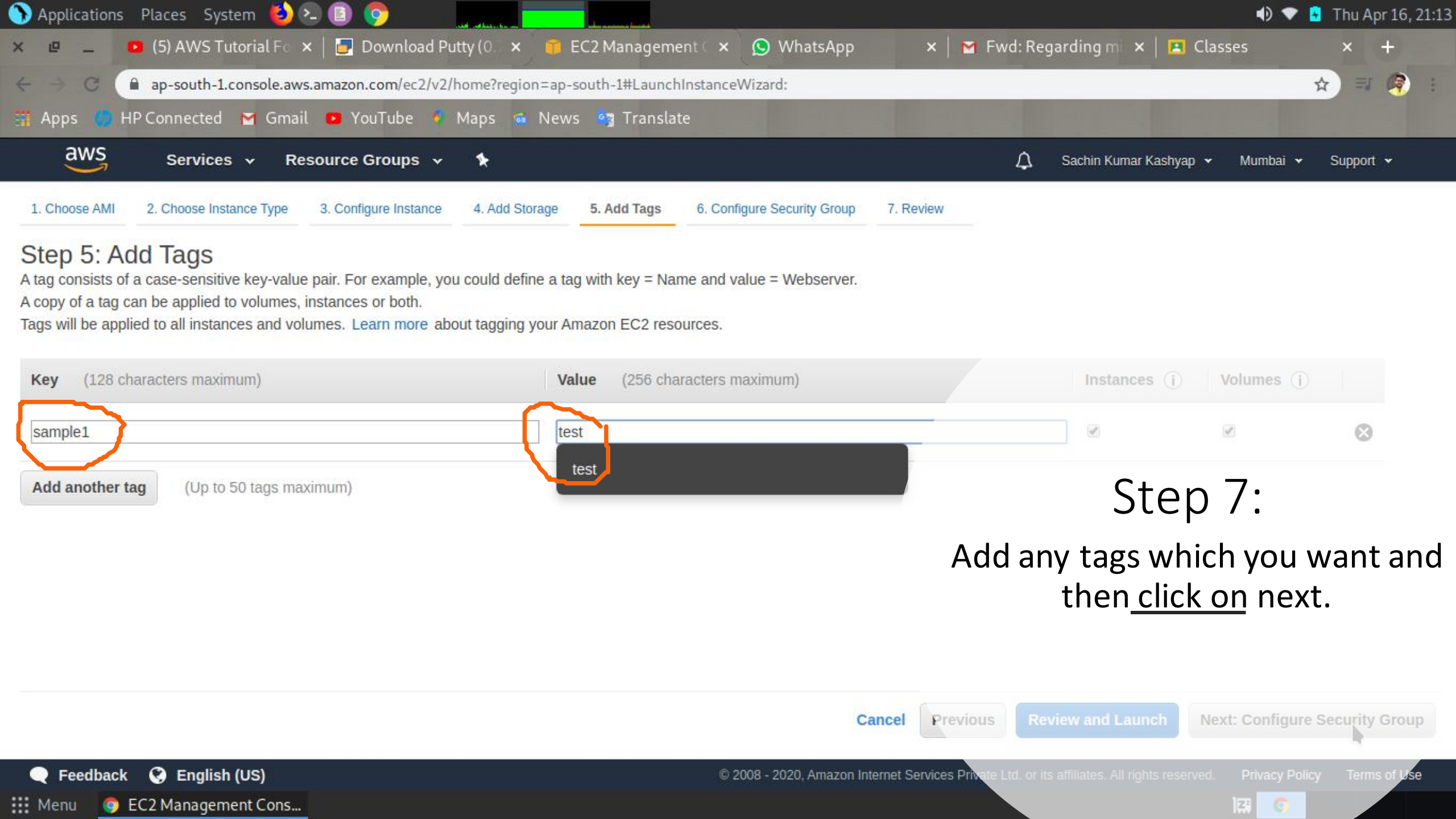
Feedback English (US) © 2008 - 2020, Amazon Internet Services Private Ltd. or its affiliates. All rights reserved. Privacy Policy Terms of Use

Menu EC2 Management Cons...



Step 6:

Add new volume if you want otherwise click on next.



Step 7:

Add any tags which you want and then click on next.

Applications Places System Thu Apr 16, 21:33

(5) AWS Tutorial Fo | Download Putty (0.7 | EC2 Management C | (2) WhatsApp | Fwd: Regarding mi | Classes

ap-south-1.console.aws.amazon.com/ec2/v2/home?region=ap-south-1#LaunchInstanceWizard:

Apps HP Connected Gmail YouTube Maps News Translate

aws Services Resource Groups Sachin Kumar Kashyap Mumbai Support

1. Choose AMI | 2. Choose Instance Type | 3. Configure Instance | 4. Add Storage | 5. Add Tags | 6. Configure Security Group | 7. Review

Step 6: Configure Security Group

A security group is a set of firewall rules that control the traffic for your instance. On this page, you can add rules to allow specific traffic to reach your instance. For example, if you want to set up a web server and allow Internet traffic to reach your instance, add rules that allow unrestricted access to the HTTP and HTTPS ports. You can create a new security group or select from an existing one below. Learn more about Amazon EC2 security groups.

Assign a security group: (•) Create a **new** security group

( ) Select an **existing** security group

Security group name: windows 1

Description: demo purpose

Type	Protocol	Port Range	Source	Description
RDP	TCP	3389	Custom 0.0.0.0/0	e.g. SSH for Admin Desktop
HTTP	TCP	80	Custom 0.0.0.0/0, ::/0	e.g. SSH for Admin Desktop

Add Rule

Step 8:

If you want then Add Rule and give any name to security group otherwise click on Review and lunch.

Cancel Previous **Review and Launch**

Feedback English (US)

 Privacy Policy Terms of Use

demo.pem sample2.pem sample1.pem Show all

Menu EC2 Management Cons...

Applications Places System Thu Apr 16, 21:17

(5) AWS Tutorial Fo | Download Putty (0. | EC2 Management (| WhatsApp | Fwd: Regarding m | Classes

ap-south-1.console.aws.amazon.com/ec2/v2/home?region=ap-south-1#LaunchInstanceWizard:

Apps HP Connected Gmail YouTube Maps News Translate

aws Services Resource Groups Sachin Kumar Kashyap Mumbai Support

1. Choose AMI 2. Choose Instance Type 3. Configure Instance 4. Add Storage 5. Add Tags 6. Configure Security Group 7. Review

Step 7: Review Instance Launch

AMI Details

Edit AMI

Microsoft Windows Server 2019 Base - ami-0a647b8642eaade60

Free tier eligible

Microsoft Windows 2019 Datacenter edition. [English]

Root Device Type: ebs Virtualization type: hvm

If you plan to use this AMI for an application that benefits from Microsoft License Mobility, fill out the License Mobility Form. Don't show me this again

Instance Type

Edit instance type

Instance Type	ECUs	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance
t2.micro	Variable	1	1	EBS only	-	Low to Moderate

Security Groups

Edit security groups

Security group name windows

Description demo purpose

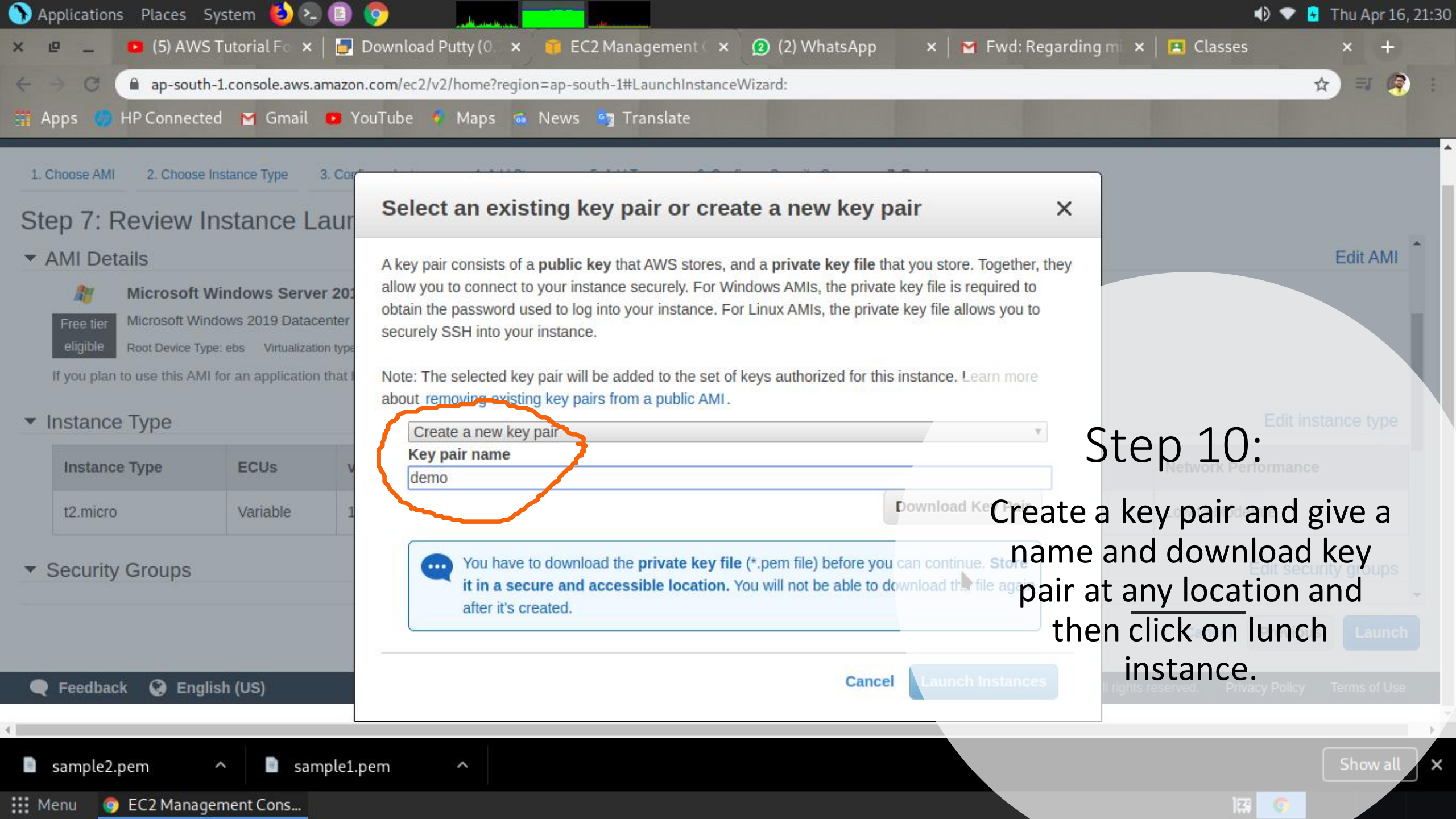
Cancel Previous Launch

Step 9:

Review your instance and then click on lunch.

Feedback English (US) © 2008 - 2020, Amazon Internet Services Private Ltd. or its affiliates. All rights reserved. Privacy Policy Terms of Use

Menu EC2 Management Cons...


Applications Places System
Thu Apr 16, 21:30
(5) AWS Tutorial Fo
Download Putty (0.
EC2 Management (
(2) WhatsApp
Fwd: Regarding mi
Classes
ap-south-1.console.aws.amazon.com/ec2/v2/home?region=ap-south-1#LaunchInstanceWizard:
Apps
HP Connected
Gmail
YouTube
Maps
News
Translate
1. Choose AMI
2. Choose Instance Type
Step 7: Review Instance Laur
AMI Details
Edit AMI
Microsoft Windows Server 201
Free tier eligible
Microsoft Windows 2019 Datacenter
Root Device Type: ebs
Virtualization type
If you plan to use this AMI for an application that
Instance Type
Edit instance type
Instance Type
ECUs
t2.micro
Variable
Network Performance
Security Groups
Edit security groups
Launch
Feedback
English (US)
Privacy Policy
Terms of Use
Select an existing key pair or create a new key pair
A key pair consists of a public key that AWS stores, and a private key file that you store. Together, they allow you to connect to your instance securely. For Windows AMIs, the private key file is required to obtain the password used to log into your instance. For Linux AMIs, the private key file allows you to securely SSH into your instance.
Note: The selected key pair will be added to the set of keys authorized for this instance. Learn more about removing existing key pairs from a public AMI.
Create a new key pair
Key pair name
demo
Download Key Pair
You have to download the private key file (*.pem file) before you can continue. Store it in a secure and accessible location. You will not be able to download this file again after it's created.
Cancel
Launch Instances
Step 10:
Create a key pair and give a name and download key pair at any location and then click on lunch instance.
sample2.pem
sample1.pem
Show all
Menu
EC2 Management Cons...

Applications Places System Thu Apr 16, 21:34

(5) AWS Tutorial Fo | Download Putty (0. | EC2 Management (| (2) WhatsApp | Fwd: Regarding m | Classes

ap-south-1.console.aws.amazon.com/ec2/v2/home?region=ap-south-1#LaunchInstanceWizard:

Apps HP Connected Gmail YouTube Maps News Translate

aws Services Resource Groups Sachin Kumar Kashyap Mumbai Support

Launch Status

Your instances are now launching

The following instance launches have been initiated: i-09c4d2470d5b2fe5d View launch log

Get notified of estimated charges

Create billing alerts to get an email notification when estimated charges on your AWS bill exceed an amount you define (for example, if you exceed the free usage tier).

How to connect to your instances

Your instances are launching, and it may take a few minutes until they are in the **running** state, when they will be ready for you to use. Usage hours on your new instances will start immediately and continue to accrue until you stop or terminate your instances.

Click **View Instances** to monitor your instances' status. Once your instances are in the **running** state, you can **connect** to them from the Instances screen. Find out how to connect to your instances.

Here are some helpful resources to get you started

Step 11:

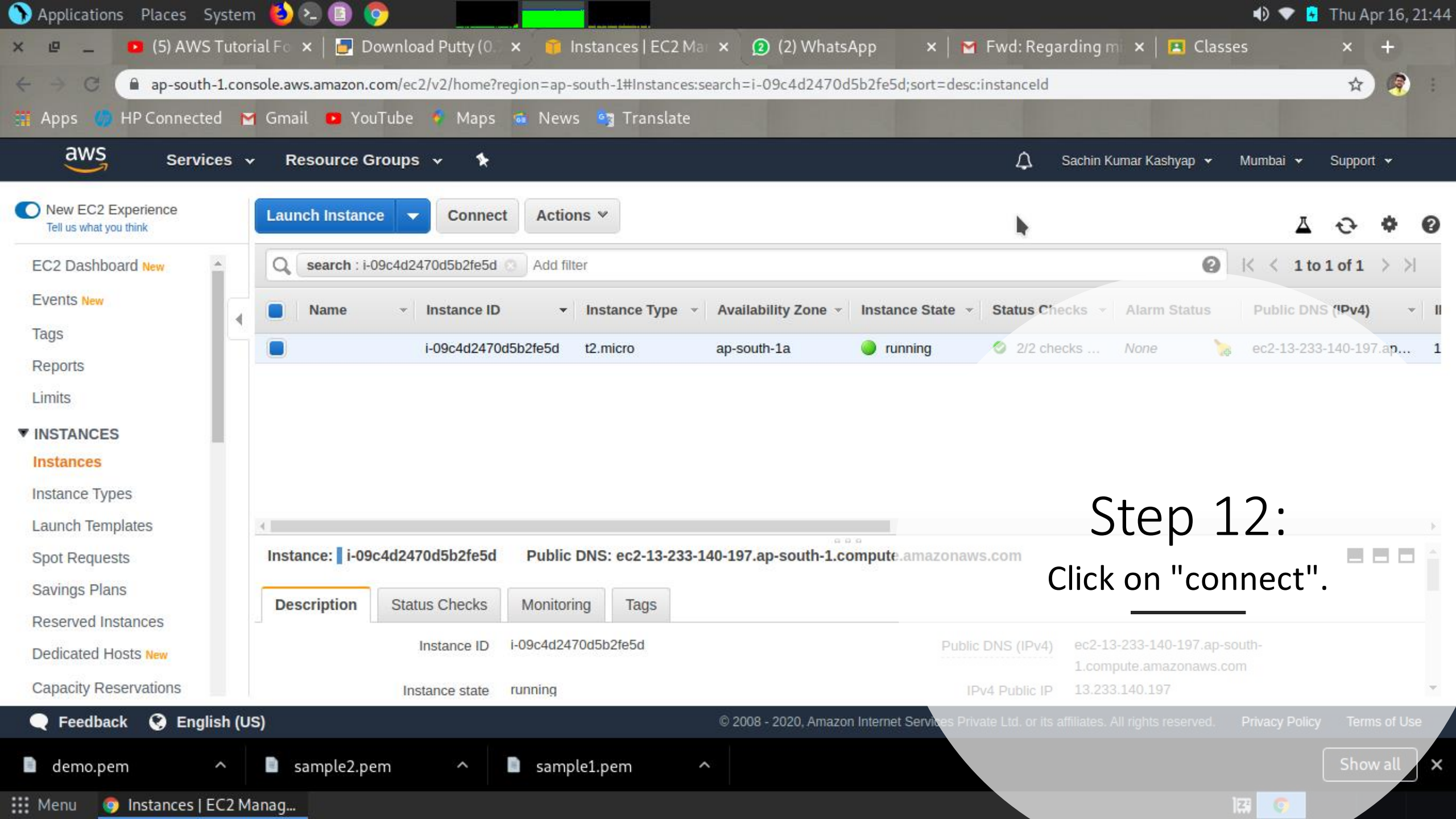
Click on lunching instance

https://ap-south-1.console.aws.amazon.com/ec2/v2/home?region=ap-south-1#Instances:search=i-09c4d2470d5b2fe5d;sort=desc:instanceId

 Privacy Policy Terms of Use

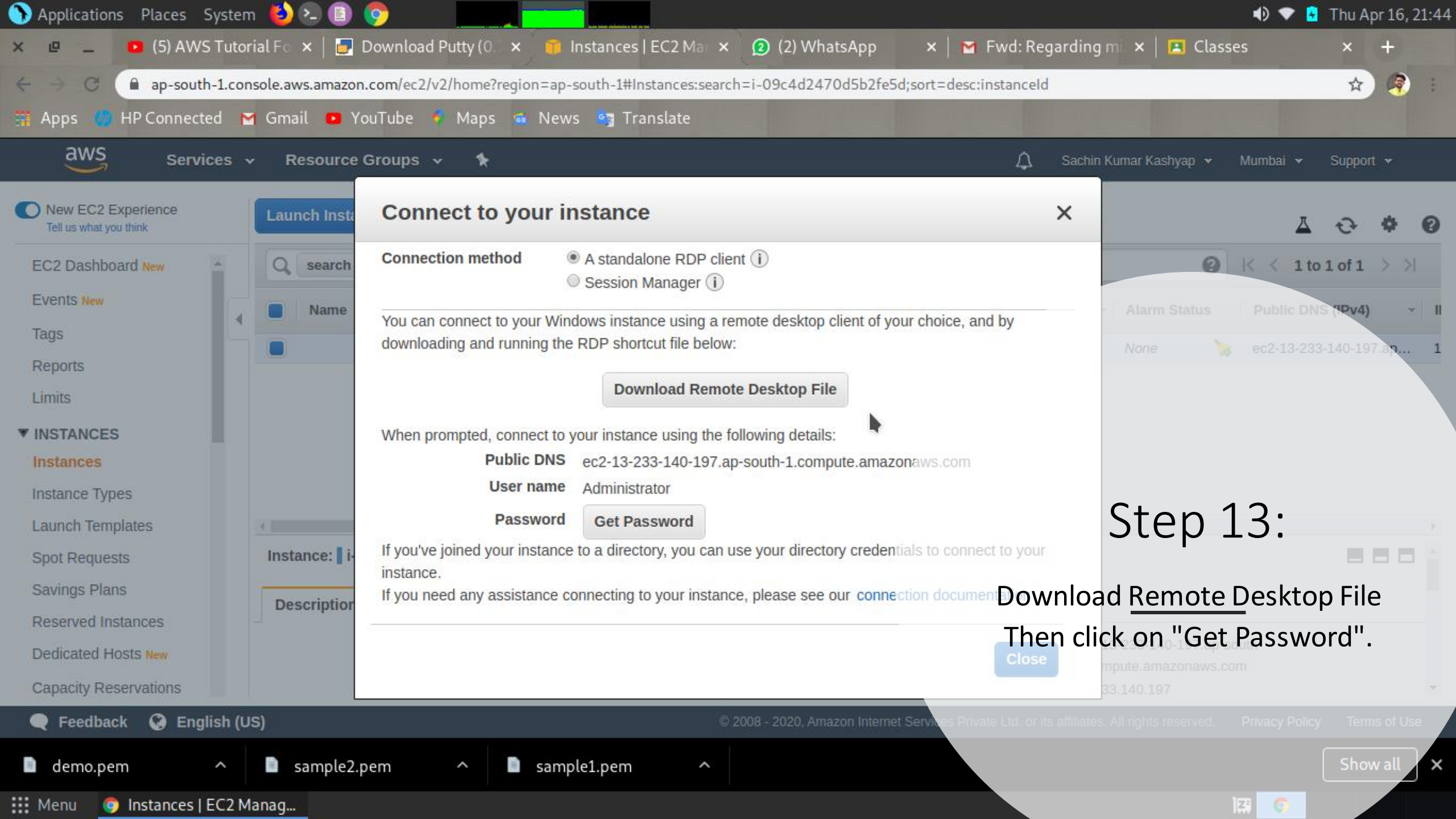
demo.pem sample2.pem sample1.pem Show all

Menu EC2 Management Cons...



Step 12:

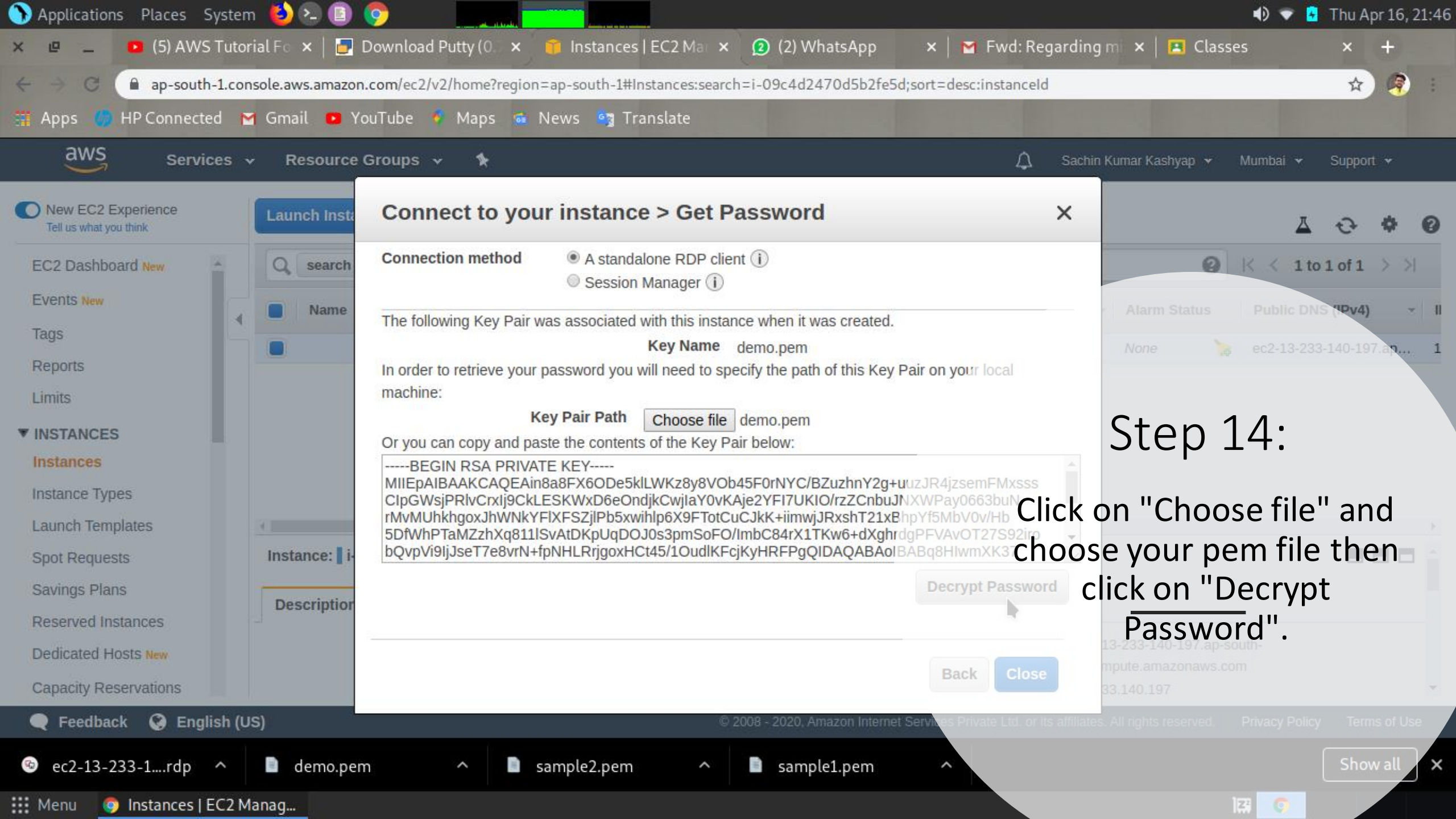
Click on "connect".

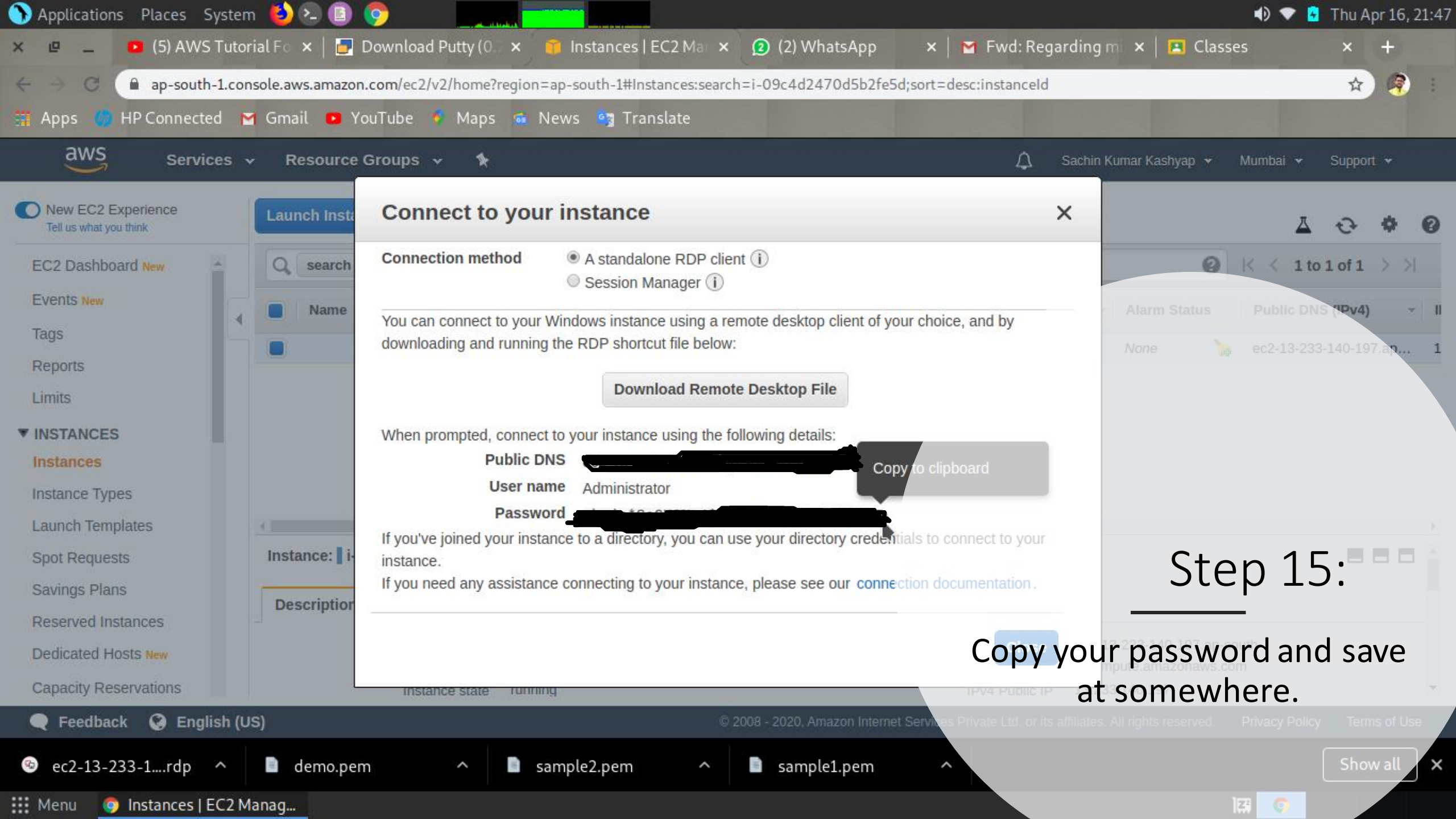


Step 13:

Download Remote Desktop File

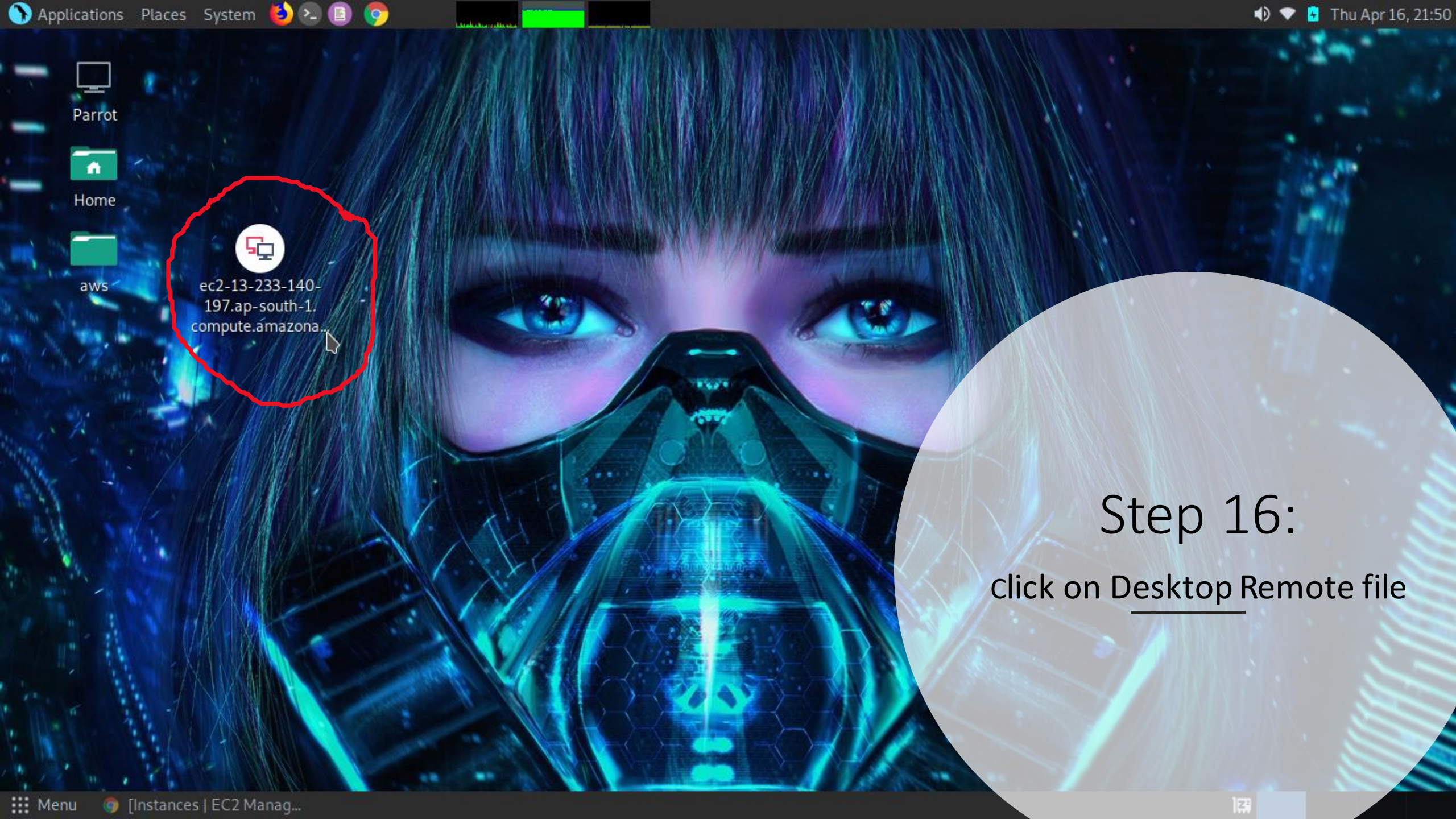
Then click on "Get Password".

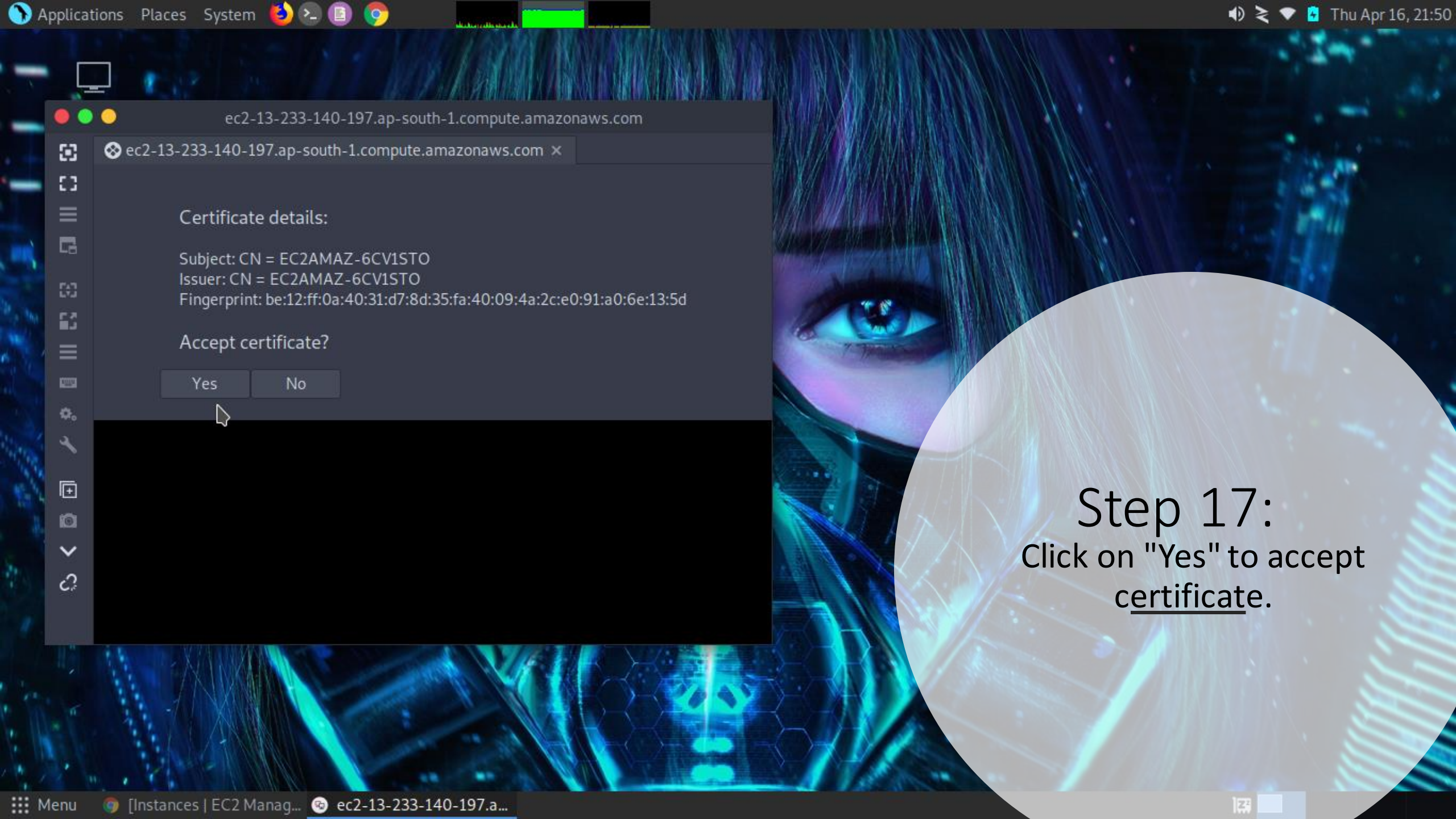

Connect to your instance > Get Password
Connection method
A standalone RDP client
Session Manager
The following Key Pair was associated with this instance when it was created.
Key Name demo.pem
In order to retrieve your password you will need to specify the path of this Key Pair on your local machine:
Key Pair Path
Choose file
demo.pem
Or you can copy and paste the contents of the Key Pair below:
-----BEGIN RSA PRIVATE KEY-----
Decrypt Password
Back
Close
Step 14:
Click on "Choose file" and choose your pem file then click on "Decrypt Password".

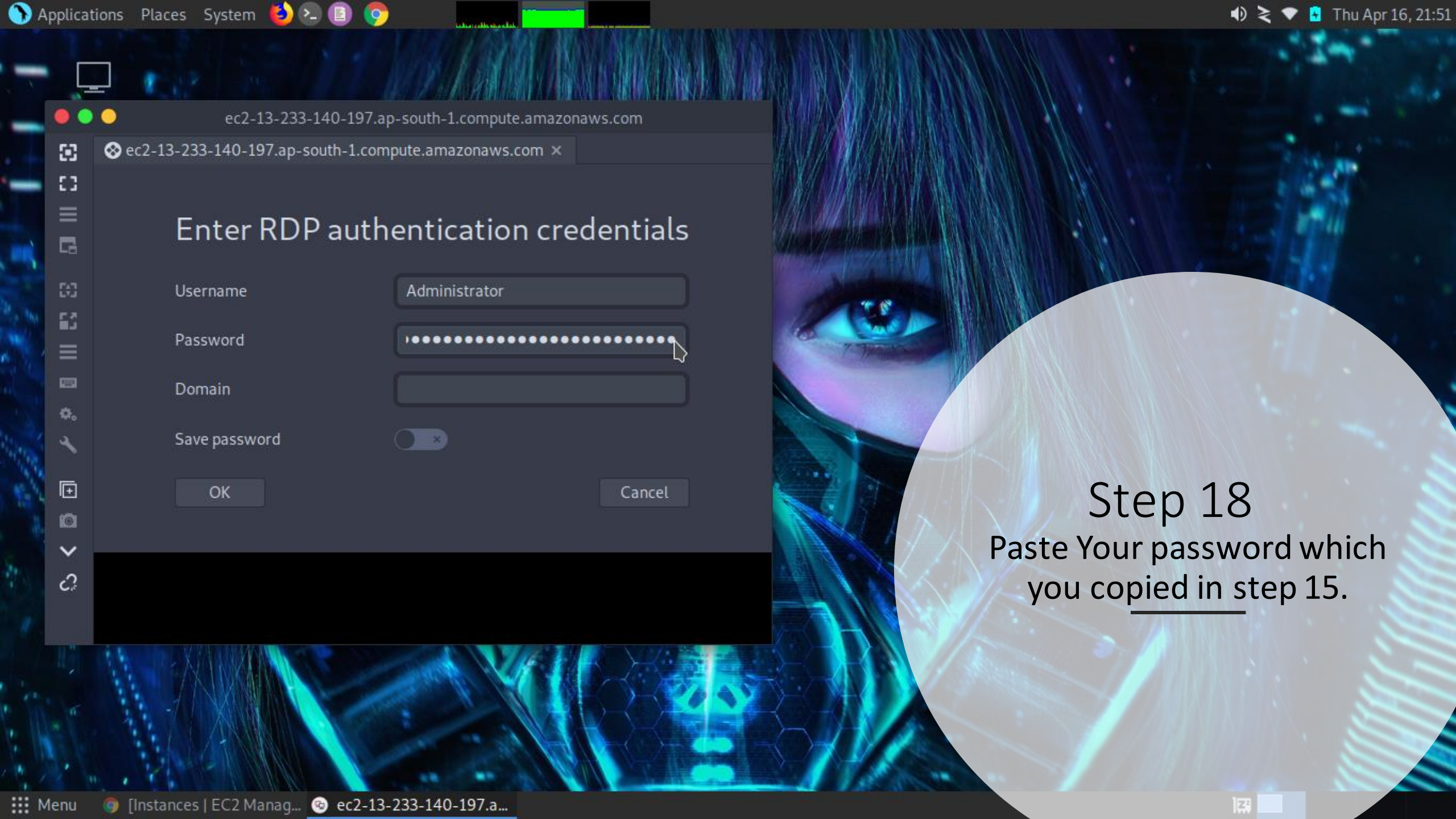


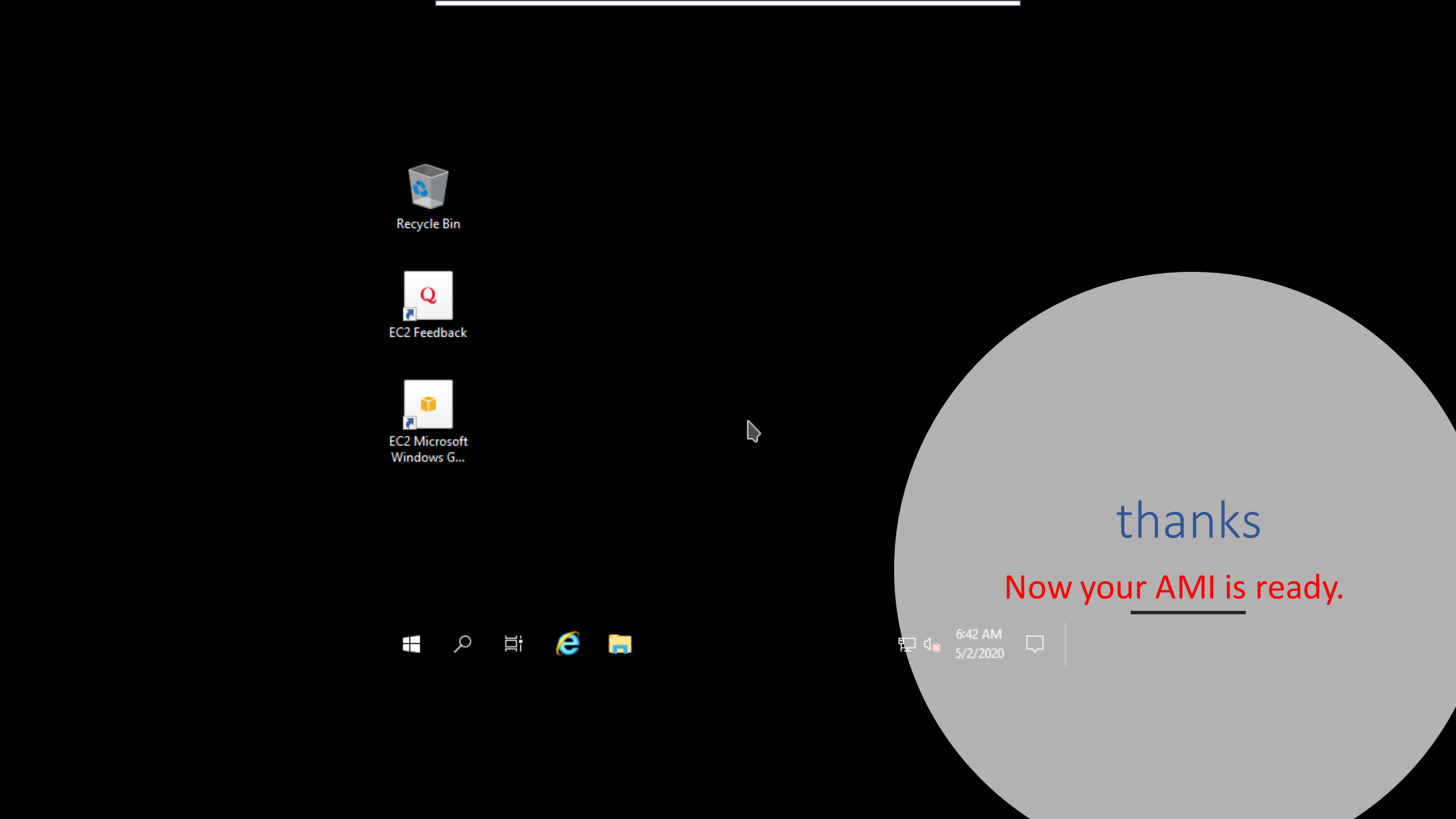
Step 15:

Copy your password and save at somewhere.


Applications
Places
System
Thu Apr 16, 21:50
Parrot
Home
aws
ec2-13-233-140-197.ap-south-1.compute.amazona...
Step 16:
click on Desktop Remote file
Menu
[Instances | EC2 Manag...


Applications
Places
System
Thu Apr 16, 21:50
ec2-13-233-140-197.ap-south-1.compute.amazonaws.com
ec2-13-233-140-197.ap-south-1.compute.amazonaws.com
Certificate details:
Subject: CN = EC2AMAZ-6CV1STO
Issuer: CN = EC2AMAZ-6CV1STO
Fingerprint: be:12:ff:0a:40:31:d7:8d:35:fa:40:09:4a:2c:e0:91:a0:6e:13:5d
Accept certificate?
Yes
No
Step 17:
Click on "Yes" to accept certificate.
Menu
[Instances | EC2 Manag...
ec2-13-233-140-197.a...


Applications
Places
System
Thu Apr 16, 21:51
ec2-13-233-140-197.ap-south-1.compute.amazonaws.com
ec2-13-233-140-197.ap-south-1.compute.amazonaws.com
Enter RDP authentication credentials
Username
Administrator
Password
Domain
Save password
OK
Cancel
Step 18
Paste Your password which you copied in step 15.
Menu
[Instances | EC2 Manag...
ec2-13-233-140-197.a...



thanks

Now your AMI is ready.