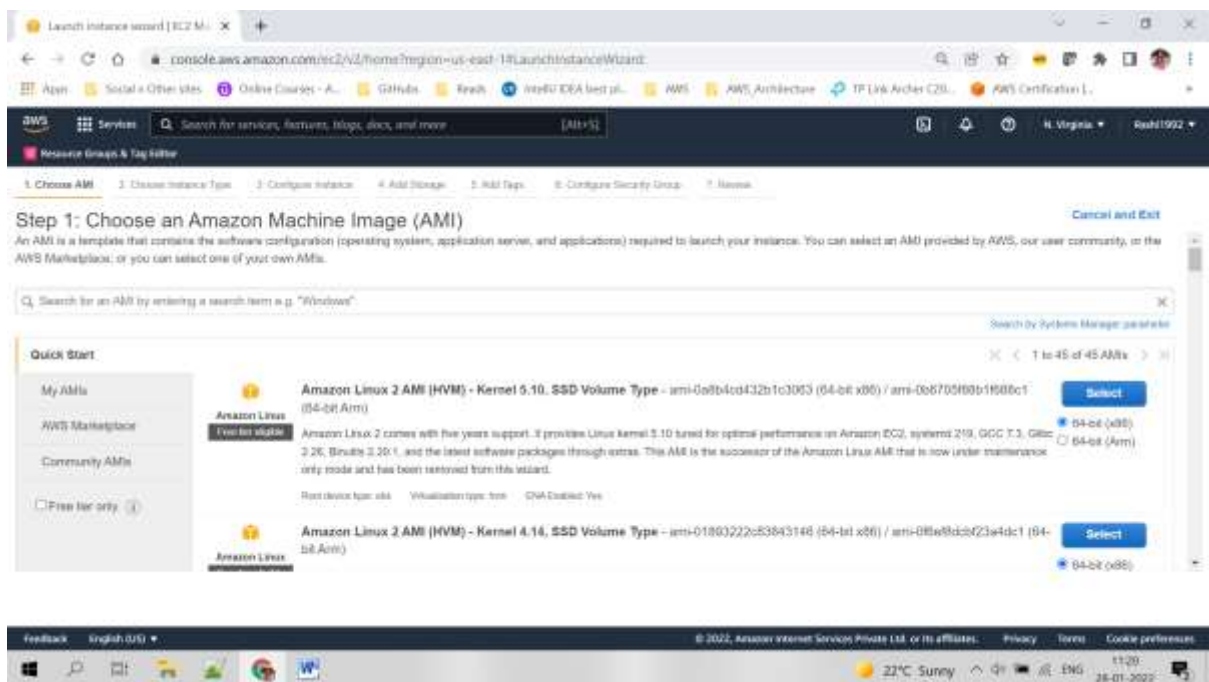
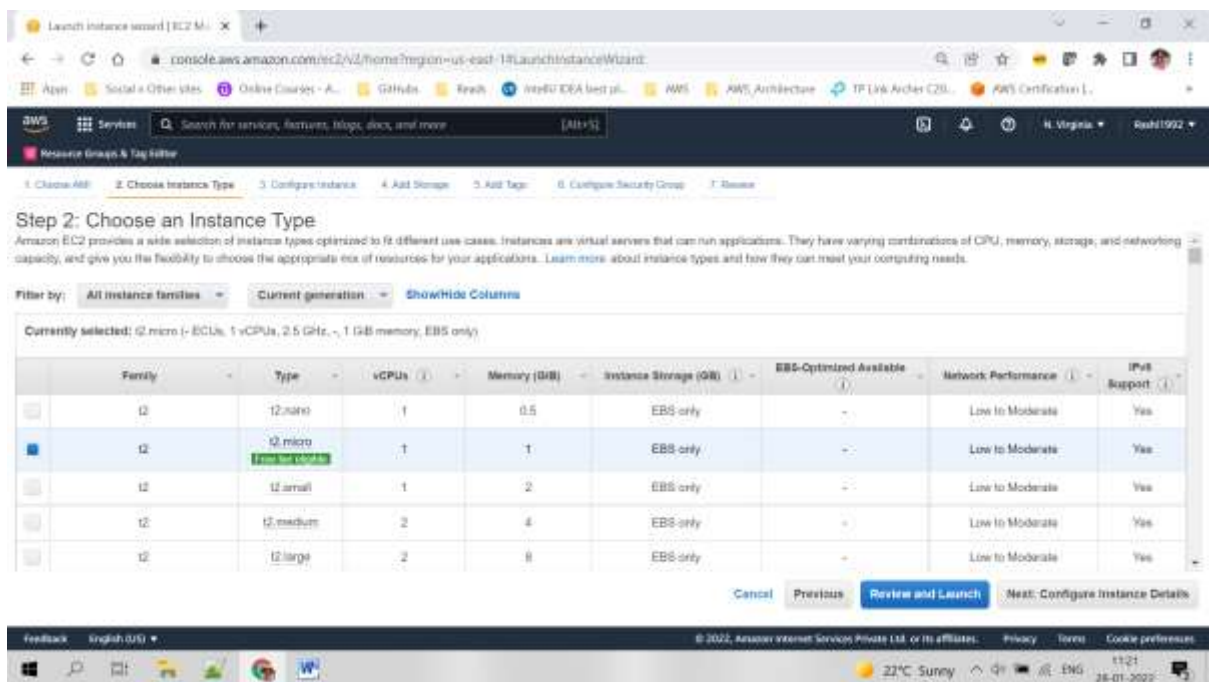


1-Steps for creating EC2 instance

Search EC2 instances on search bar and click on launch instance.



Select the required instance setup, click on Next:Configure Instance Details



Select all configuration details for instance, click Next: Add Storage

Launch Instance Wizard | EC2 M1

console.aws.amazon.com/ec2/v2/home?region=us-east-1:LaunchInstanceWizard

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

Configure the instance to suit your requirements. You can launch multiple instances from the same AMI, request Spot instances to take advantage of the lower pricing, assign an access management role to the instance, and more.

Number of instances: 1 [Launch into Auto Scaling Group](#)

Purchasing option: ☐ Request Spot Instances

Network: vpc-002aadc11637eb202 (default) [Create new VPC](#)

Subnet: No preference (default subnet in any Availability Zone) [Create new subnet](#)

Auto-assign Public IP: Use subnet setting (Elastic)

Hostname type: Use subnet setting (IP name)

DNS Hostname: ☒ Enable IP name (IPv4) (A record) DNS requests
☒ Enable resource-based IPv4 (A record) DNS requests
☐ Enable resource-based IPv6 (AAAA record) DNS requests

Cancel Previous **Review and Launch** Next: Add Storage

Add extra storage if required otherwise leave default one

Launch Instance Wizard | EC2 M1

console.aws.amazon.com/ec2/v2/home?region=us-east-1:LaunchInstanceWizard

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

Step 4: Add Storage

Your instance will be launched with the following storage device settings. You can attach additional EBS volumes and instance store volumes to your instance, or edit the settings of the root volume. You can also attach additional EBS volumes after launching an instance, but not instance store volumes. [Learn more](#) about storage options in Amazon EC2.

Volume Type	Device	Snapshot	Size (GiB)	Volume Type	IOPS	Throughput (MB/s)	Delete on Termination	Encryption
Root	xvda	snap-048514b1f1881072d	8	General Purpose SSD (gp2)	100 / 3000	N/A	<input checked="" type="checkbox"/>	Not Encrypted

[Add New Volume](#)

Free tier eligible customers can get up to 30 GiB of EBS General Purpose (SSD) or Magnetic storage. [Learn more](#) about free usage tier eligibility and usage restrictions.

Cancel Previous **Review and Launch** Next: Add Tags

Add tags in key value like

Key-Name

Value- EC2_DeploymentMachine

Launch Instance wizard | EC2 M5

console.aws.amazon.com/ec2/v2/home?region=us-east-1:LaunchInstanceWizard

Step 5: Add Tags

A tag consists of a case-sensitive key-value pair. For example, you could define a tag with key = Name and value = Webserver.
A copy of a tag can be applied to volumes, instances or both.
Tags will be applied to all instances and volumes. [Learn more about tagging your Amazon EC2 resources.](#)

Key	Value	Instances	Volumes	Network Interfaces
Name	production/webserver	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Add another tag (Up to 50 tags maximum)

Cancel Previous **Review and Launch** Next: Configure Security Group

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Use existing security group or create a new one. Add http for TCP protocol for opening the port 80

Launch Instance wizard | EC2 M5

console.aws.amazon.com/ec2/v2/home?region=us-east-1:LaunchInstanceWizard

Step 6: Configure Security Group

Assign a security group: ☒ Create a new security group ☐ Select an existing security group

Security group name: launch-wizard-1
Description: launch-wizard-1 created 2022-01-28T11:29:02.488+05:30

Type	Protocol	Port Range	Source	Description
SSH	TCP	22	Custom → 0.0.0.0	e.g. SSH for Admin Desktop
HTTP	TCP	80	Custom → 0.0.0.0::1	e.g. SSH for Admin Desktop

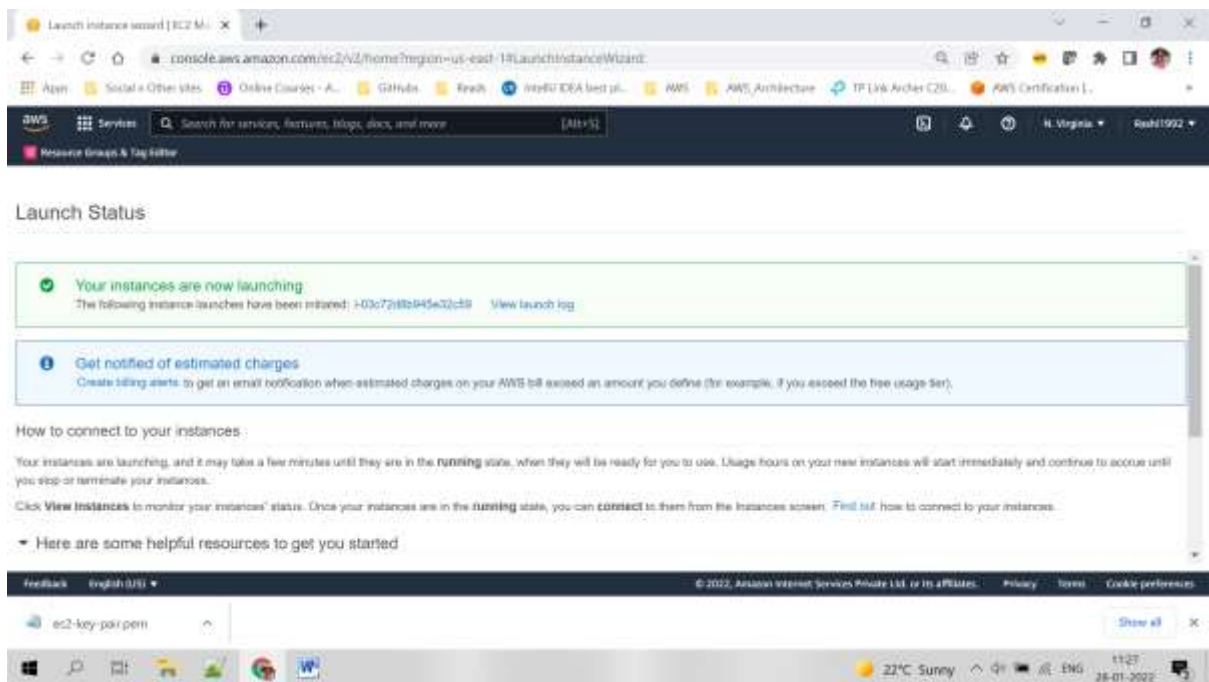
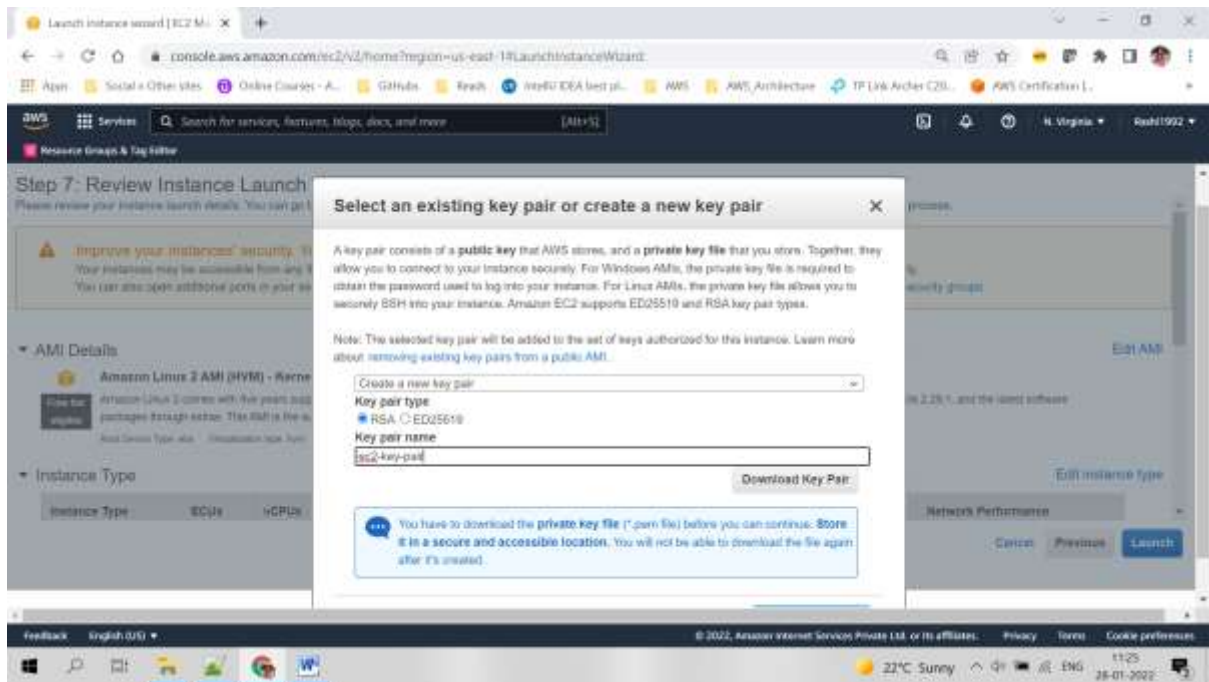
Add Rule

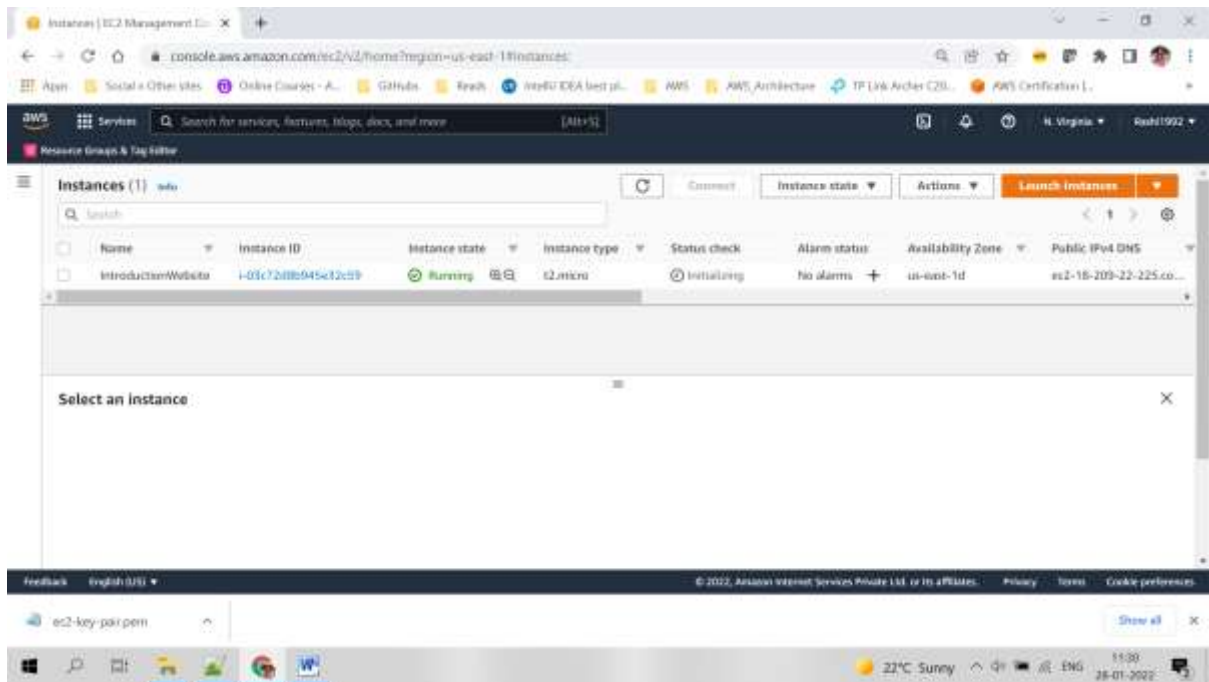
Warning
Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.

Cancel Previous **Review and Launch**

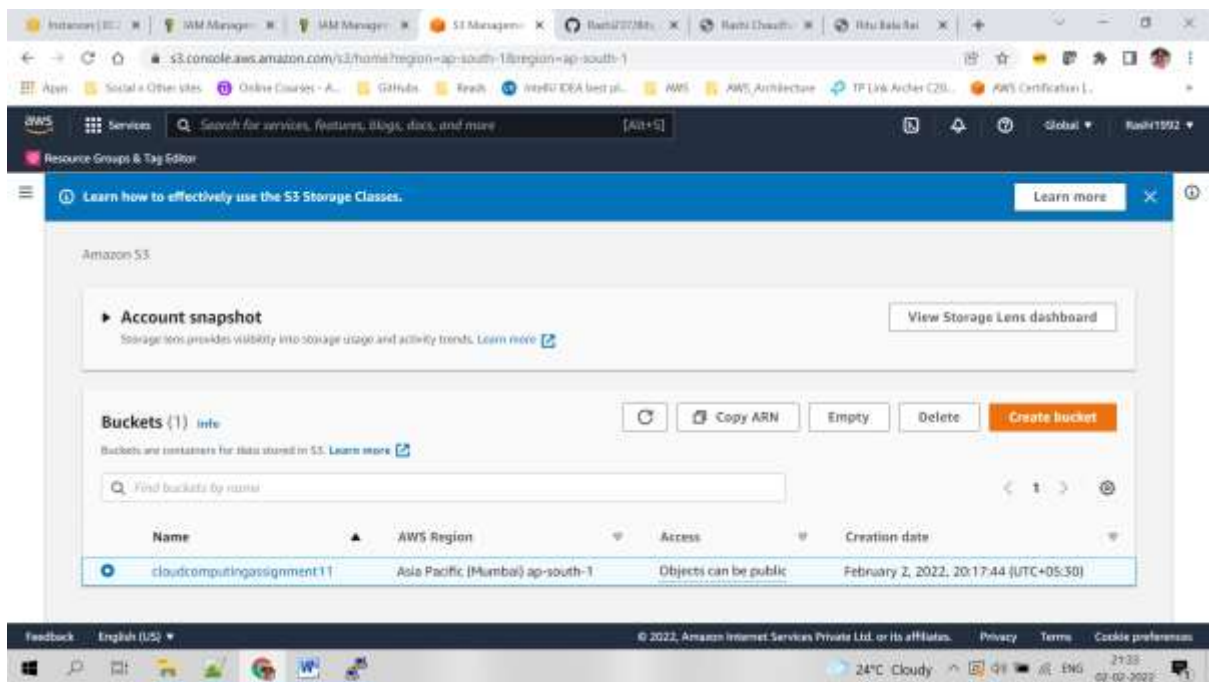
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Select an existing key-value pair or add a new one. Download it and keep it safe, will be useful for ssh into the instance.

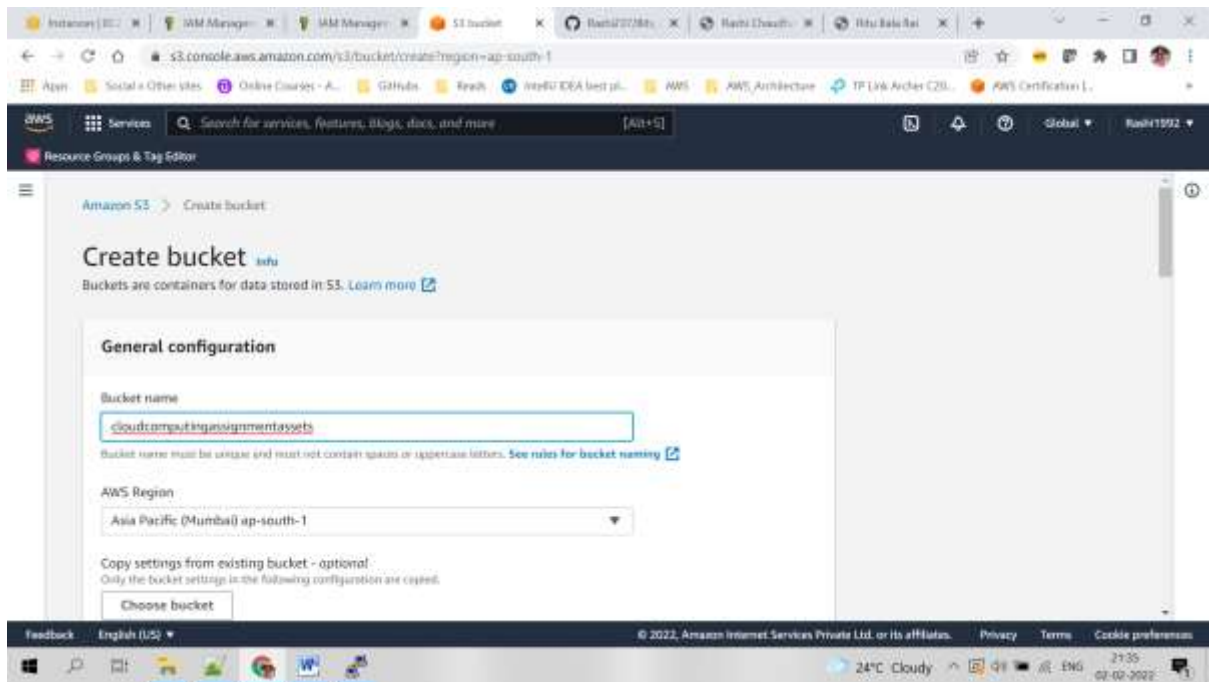




2. Steps for creating S3 bucket



Click on create bucket and give the unique bucket name as shown below leave rest as default



Once bucket is created, upload all the objects in S3.

