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AWS Cloud Setup Guide

Amazon Web Services (AWS)

- ☐ How to create a free AWS Cloud Account
- ☐ How to create an Ubuntu VM machine
- ☐ Open Port from VPC Networks
- ☐ Run commands on the Ubuntu VM

Summary

Topics covered

- ☐ Road ahead

☐

AMAZON WEB SERVICES (AWS)

What is AWS?

Amazon Web Services (AWS) is a comprehensive, evolving cloud computing platform provided by Amazon. AWS can be defined as a huge set of on-demand services provided to the customers on cloud with pay-as-you-go pricing model. The technology allows subscribers to have, at their disposal, a virtual cluster of computers, available all the time, through the Internet. Whether it is about configuring a server or running an application, AWS lets you execute your operations on cloud in a similar manner as you would do on a physical computer.

AWS is the pioneer of the cloud computing technology. Way back in 2006, it first offered its cloud solutions and today is way ahead of its competitors. AWS competes primarily with Microsoft Azure, Google and IBM in the public IaaS market. Amazon's internal IT resource management built AWS, which expanded and grew into an innovative and cost-effective cloud solution provider.

Back in 2006, cloud might still have been a relatively new phenomenon, but today it is critical to the survival of any business enterprise. Cloud is offering some incredible advantages that on-premise technology just cannot compete with. With this cloud, we need not plan for servers and other IT infrastructure which consumes lot of time in advance. Instead, these services can instantly spin up hundreds or thousands of servers in minutes and deliver results faster. We pay only for what we use with no up-front investment and no long-term commitments, which makes AWS cost efficient.

Today, AWS powers multitude of businesses in 190 countries around the world. AWS offers flexible, reliable, scalable, easy-to-use, and cost-effective solutions and allows enterprises to focus on their core competencies while Amazon takes care of the IT and cloud related issues. Let us understand the impact through an example - Netflix is a popular video streaming service which the whole world uses today. Back in 2008, Netflix suffered a major database corruption, and for three days their operations were halted. The problem was scaling, that is when they realized the need for a highly reliable, horizontally scalable, distributed system in the cloud. They started using AWS, and since then their growth has been off the charts.

AWS provides a mix of infrastructure as a service (IaaS), platform as a service (PaaS) and packaged software as a service (SaaS) offerings. More than 100 services comprise the Amazon Web Services portfolio, including those for compute, databases, infrastructure management, application development and security.

What are the top AWS products?

Amazon **EC2** and Amazon **S3** are the two core Infrastructure as a Service (IaaS) services,

EC2 : An EC2 instance is nothing but a virtual server in Amazon Web services terminology. It stands for Elastic Compute Cloud. It is a web service where an AWS subscriber can request and provision a compute server in AWS cloud. EC2 provides you configuration capacity in a seamless manner. With EC2 you have complete control of your computing environment along with high availability, scalability, and cost-effectiveness.

An on-demand EC2 instance is an offering from AWS where the subscriber/user can rent the virtual server per hour and use it to deploy his/her own applications. The instance will be charged per hour with different rates based on the type of the instance chosen. AWS provides multiple instance types for the respective business needs of the user. Thus, you can rent an instance based on your own CPU and memory requirements and use it as long as you want. You can terminate the instance when it's no more used and save on costs. This is the most striking advantage of an on-demand instance.

S3 : This is the Amazon Simple Storage. AWS S3 lets you seamlessly store and retrieve huge amounts of data anytime, anywhere through the web interface. It allows software developers to have access to the data quickly in an inexpensive, reliable and highly scalable manner. You can store all sorts of folders, files, and documents on the AWS S3.

RDS : This is the Amazon Relational Database Service. The Amazon RDS is a highly scalable relational database service. It offers a simple, cost-efficient database in the cloud that also automatically does database setup, hardware provisioning, backup and patching. Its advantages include high availability, fast performance, security and compatibility.

DynamoDB : This is the Amazon NoSQL database in the cloud that provides extremely high latency at any scale. It offers highly reliable service that is fully managed, has built-in security, in-memory caching, backup and restoration.

VPC : This is the Amazon Virtual Private Cloud which can be thought of as a cloud data center for deploying all your resources. VPC lets you isolate all your resources on the Amazon cloud and thus offer very high security. It gives you complete freedom to work within your virtual networking environment, along with selection of IP addresses, creating subnets, configuring route tables and network gateways. AWS VPC offers logically isolated provisioning on the cloud wherein you can launch your AWS resources.

Why should you learn AWS?

Some of the top reasons why you should learn AWS are as follows:

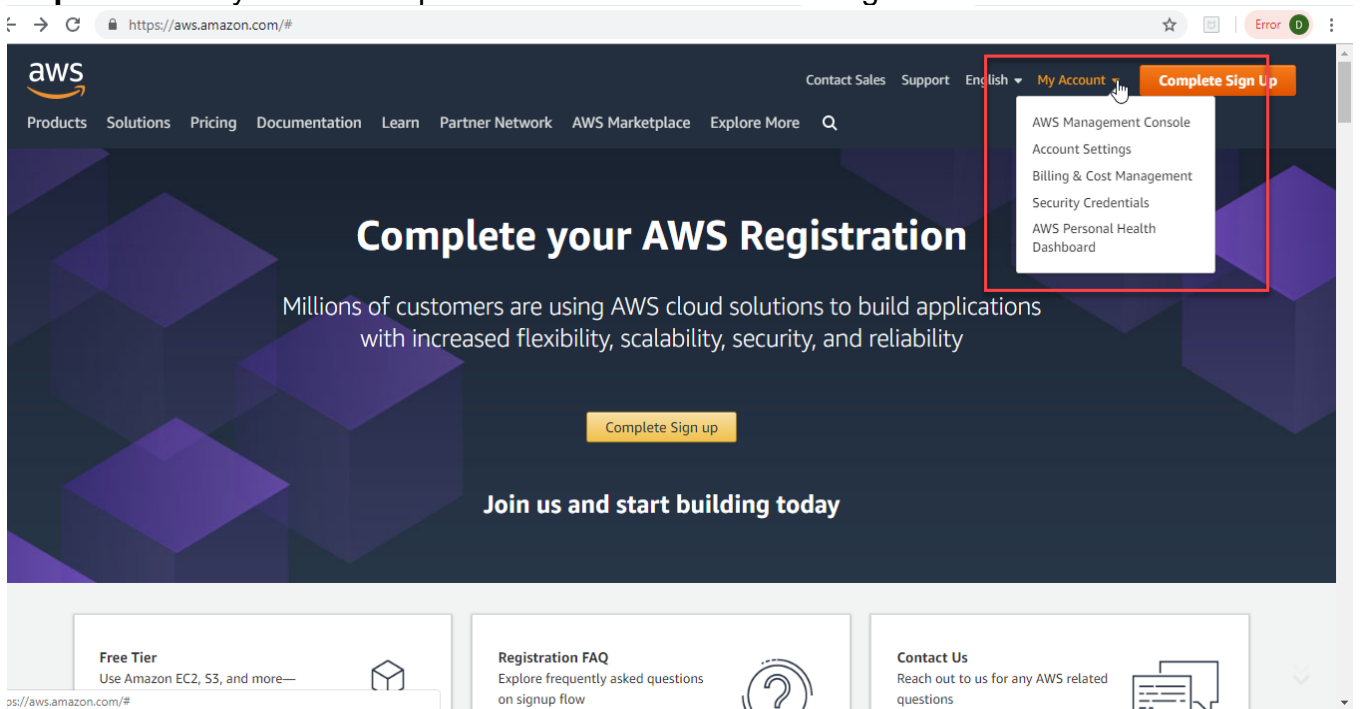
- AWS is an amazing standard of cloud computing and is slowly becoming synonymous with the cloud itself.
- The salaries of AWS professionals are among the best in the IT industry.
- Getting AWS certified is not a big deal; all you need is the right training in AWS.
- There is a huge shortage of certified AWS professionals - thanks to the rapid deployment of AWS.
- There are no prerequisites to learn AWS as anybody can master this top technology.
- AWS is a very vast domain, and anybody can find their niche and excel in their careers.

How to create a free AWS cloud account?

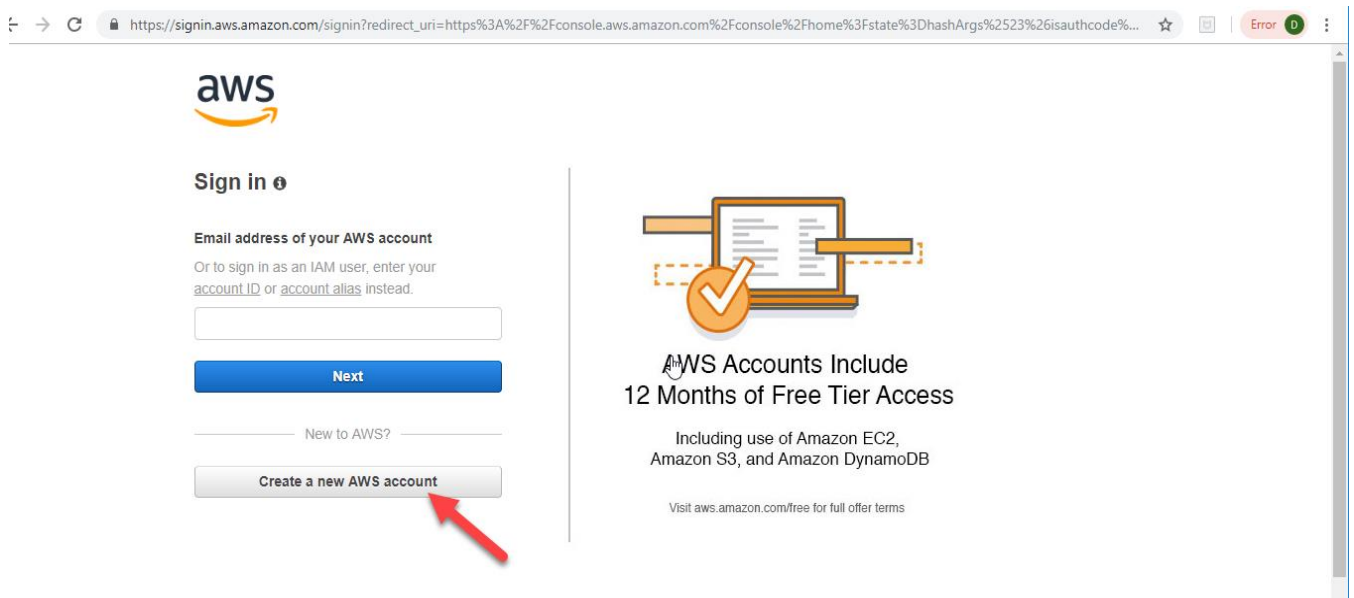
Step 1: Navigate to <https://aws.amazon.com/>. The first screen you will view:



Step 2: Go to MyAccount dropdown and click on AWS Management Console.



Step 3: You landup on this screen to sign in. Click on Create a new AWS account.



Step 4: Enter the details below and click Continue.

aws

English

Create an AWS account

AWS Accounts Include
12 Months of Free Tier Access

Including use of Amazon EC2, Amazon S3, and Amazon DynamoDB
Visit aws.amazon.com/free for full offer terms

Email address

Password

Confirm password

AWS account name

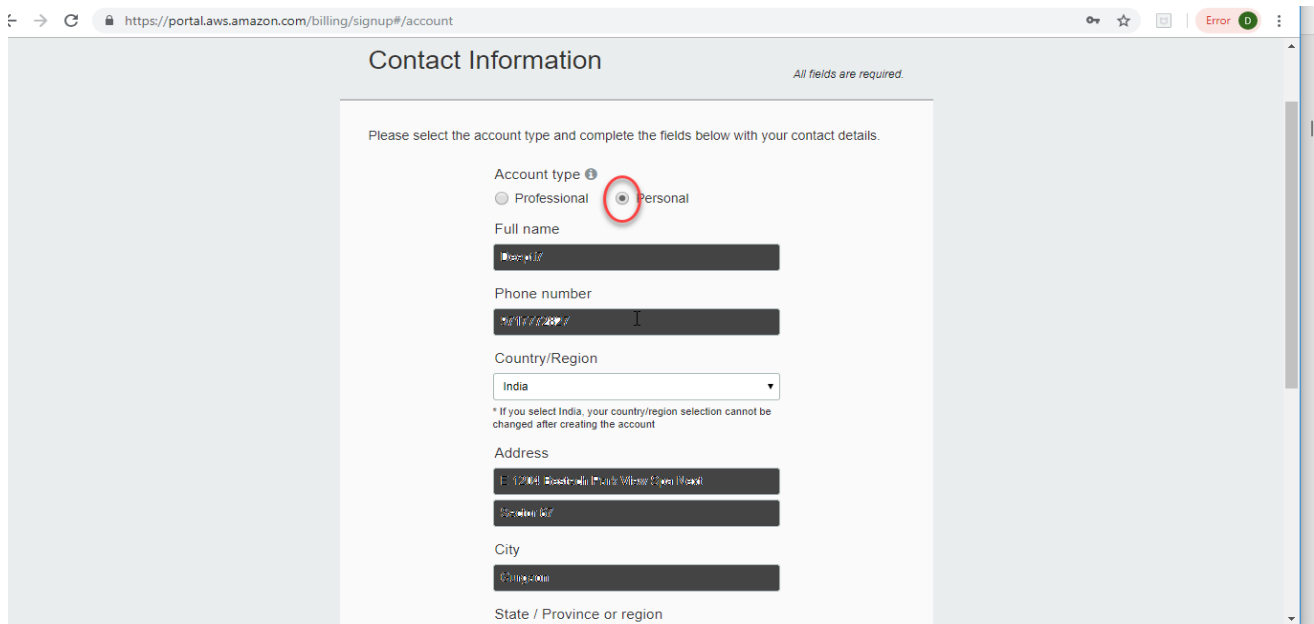
Continue

[Sign in to an existing AWS account](#)

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[Privacy Policy](#) | [Terms of Use](#)

Step 5: Select the Account type as Personal and enter the details. Select your Country from the

dropdown.



https://portal.laws.amazon.com/billing/signup#/account

Contact Information

All fields are required.

Please select the account type and complete the fields below with your contact details.

Account type ⓘ

☐ Professional ☒ Personal

Full name

Phone number

Country/Region

India

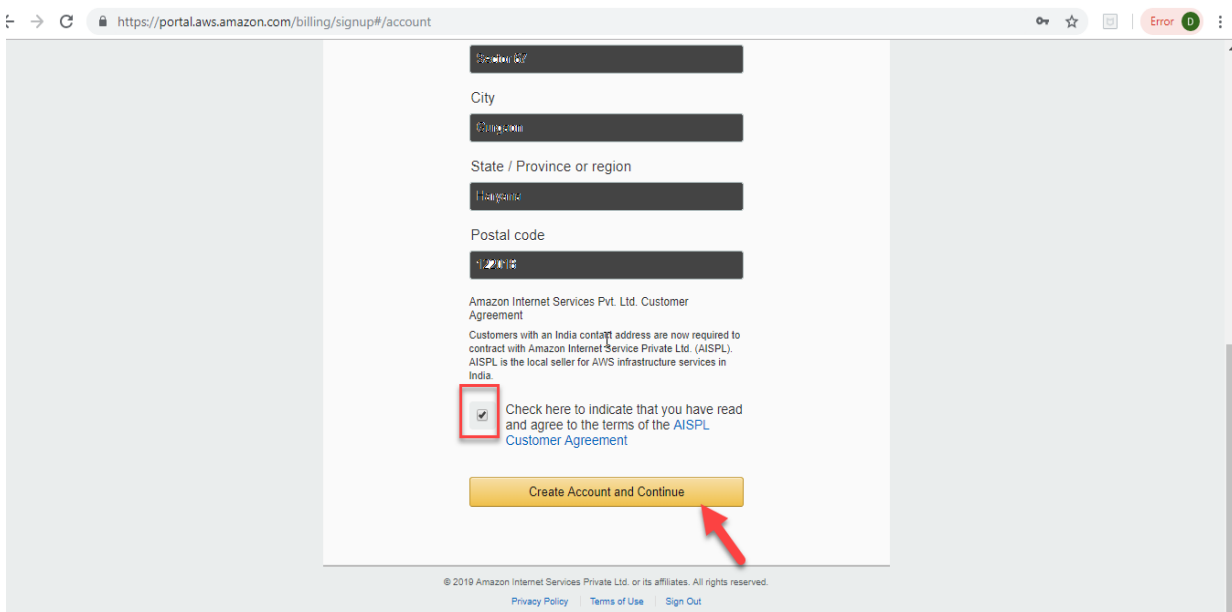
* If you select India, your country/region selection cannot be changed after creating the account

Address

City

State / Province or region

Step 6: Enter the details and click the check here checkbox and Create Account and Continue.



https://portal.laws.amazon.com/billing/signup#/account

City

State / Province or region

Postal code

Amazon Internet Services Pvt. Ltd. Customer Agreement

Customers with an India contact address are now required to contract with Amazon Internet Service Private Ltd. (AISPL). AISPL is the local seller for AWS infrastructure services in India.

☒ Check here to indicate that you have read and agree to the terms of the [AISPL Customer Agreement](#)

Create Account and Continue

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[Privacy Policy](#) | [Terms of Use](#) | [Sign Out](#)

Step 7: Complete the Payment Information. Though, it is a free trial account, you need to enter a card details for identification/verification purpose.

Payment Information

Please type your payment information so we can verify your identity. We will not charge you unless your usage exceeds the [AWS Free Tier Limits](#). Review [frequently asked questions](#) for more information.

As part of our card verification process we will charge INR 2 on your card when you click the "Secure Submit" button below. This will be refunded once your card has been validated. Your bank may take 3-5 business days to show the refund. Mastercard/Visa customers may be redirected to your bank website to authorize the charge.

Credit/Debit card number

Expiration date

Cardholder's name

CVV

Billing address

☒ Use my contact address

Step 8: Fill the required information and click Secure Submit.

Cardholder's name

CVV

Billing address

☒ Use my contact address

☐ Use a new address

Do you have a PAN?

You can go on the [Tax Settings Page](#) on Billing and Cost Management Console to update your PAN information.

☒ Yes ☐ No

Secure Submit

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[Privacy Policy](#) | [Terms of Use](#) | [Sign Out](#)

Step 9: Once the payment process is completed, you will view this screen. Fill in the appropriate

details and click Contact me.

https://portal.aws.amazon.com/billing/signup?redirect=success&x-awsbc-xrf-token=eU1PQjdLNjdtbmU1Mnk1OXFrTzI0VEgyQlZJdV8czQxRVNFYXIFSkFqb3w... Error

Confirm your identity

Before you can use your AWS account, you must verify your phone number. When you continue, the AWS automated system will contact you with a verification code.

How should we send you the verification code?

☒ Text message (SMS) ☐ Voice call

Country or region code

India (+91)

Phone number

Security check

5yngpn

Contact me

Step 10: Enter the verification code as received on the given mobile number and click Verify code.

Enter verification code

Enter the 4-digit verification code that you received on your phone.

8002

Verify Code

Having trouble? Sometimes it takes up to 10 minutes to receive a verification code. If it's been longer than that, [return to the previous page](#) and enter your number again.

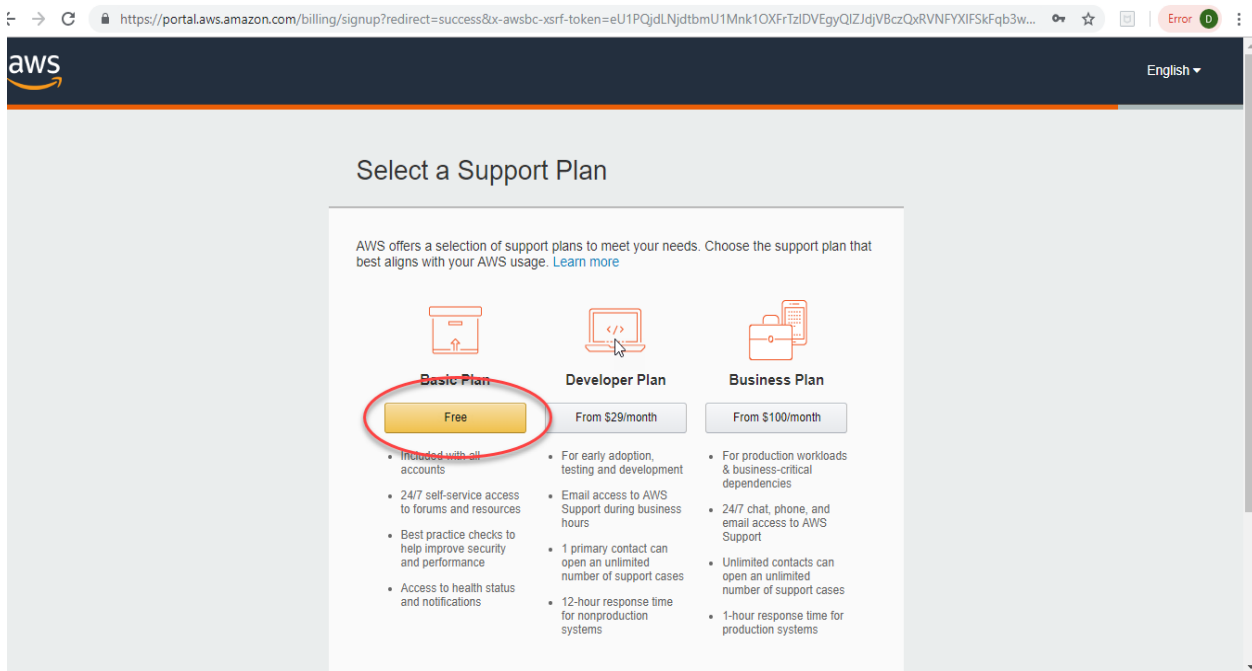
Step 11: You will view the below screen.

✓

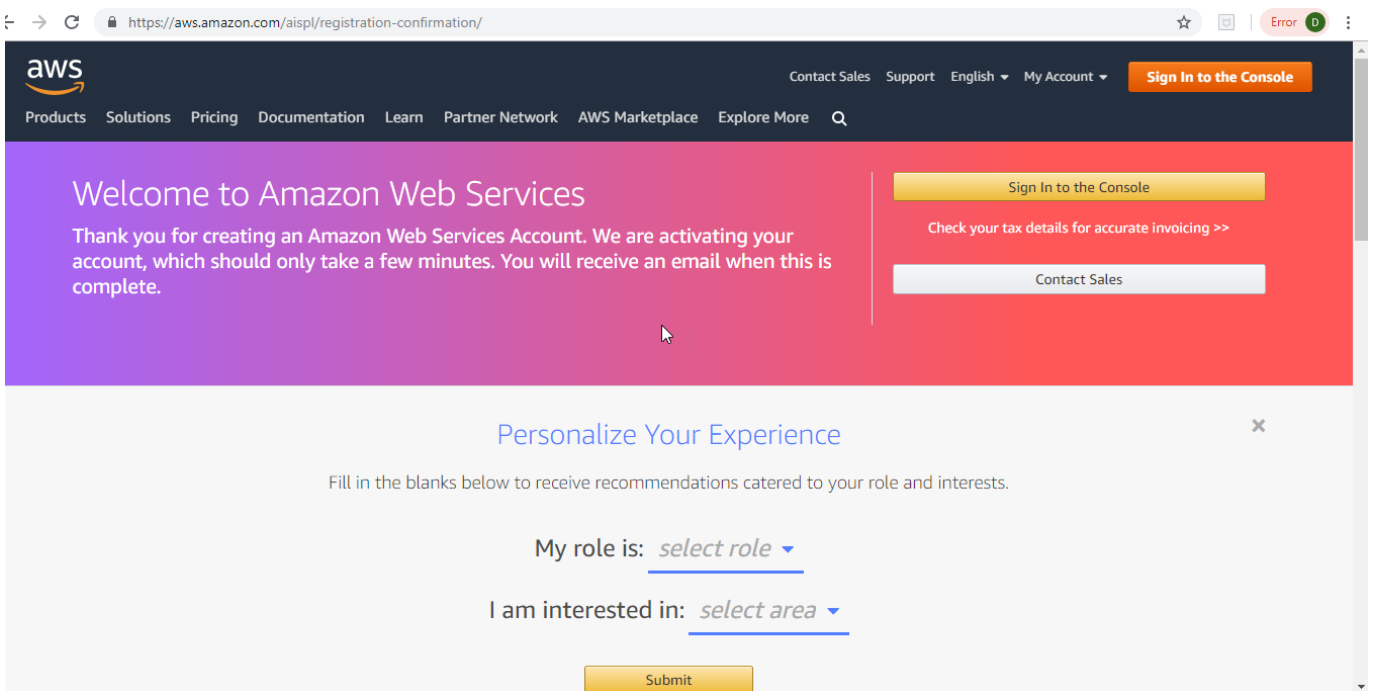
Your identity has been verified successfully.

Continue

Step 12: Choose the Basic Plan by clicking Free button on the screen as below.



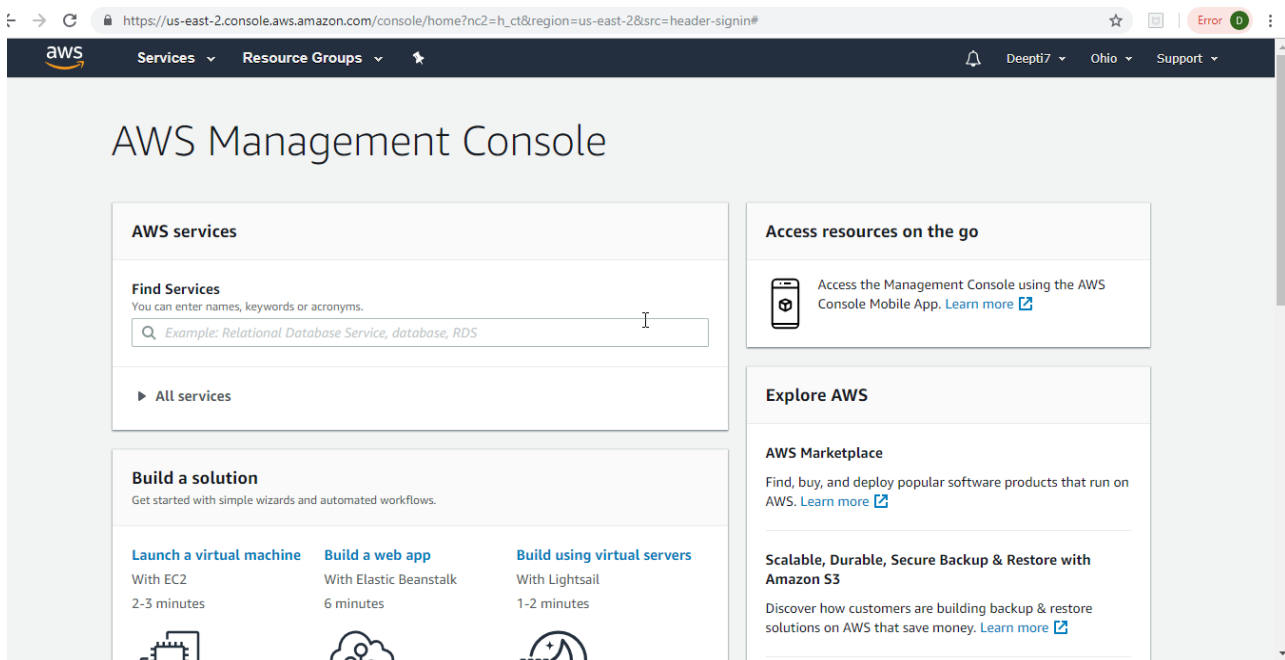
Step 13: You have successfully created your AWS free account. You should see this welcome screen.



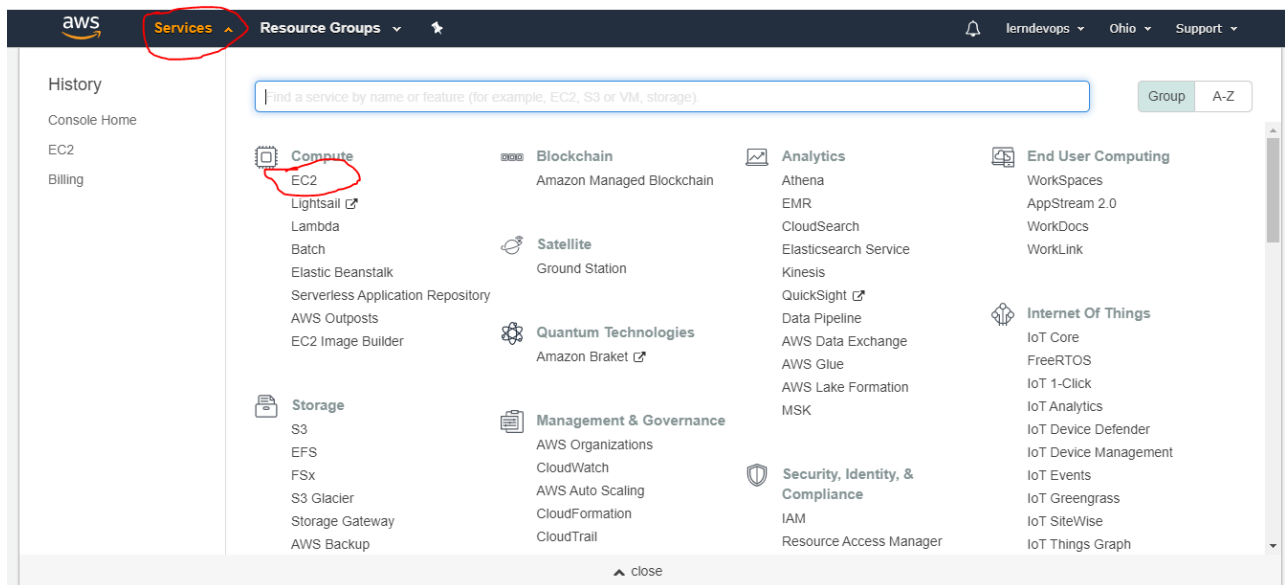
How to create a new Ubuntu Virtual Machine

Now, let's create a new VM instance on AWS.

Step 1: Once you login to the console clicking the Sign in to the console button on the welcome screen above using your credentials, you view the AWS console.



Step 2: Click on Services & Then on EC2 Service.



Step 3: Once you click EC2 Service, you will view the below screen, now on the left side menu Scroll down to see Network & Security Section then Click on Security Groups

The screenshot displays the AWS Management Console for the EC2 service. The left-hand navigation menu is visible, with 'NETWORK & SECURITY' highlighted and 'Security Groups' selected. The main content area shows the 'Resources' section for EC2 in the US East (Ohio) Region, listing various resources like Running instances, Elastic IPs, Snapshots, Volumes, Key pairs, Security groups, Dedicated Hosts, Load balancers, and Placement groups. A 'Launch instance' button is visible in the 'Launch instance' section. The right-hand sidebar shows 'Account attributes' and 'Explore AWS' sections.

Step 4: once we click on Security group we will see below screen, Now click on Create Security Group (you may see only default Security Group as you are doing it for first time)

The screenshot displays the AWS Management Console for the 'Security Groups' page. The left-hand navigation menu is visible, with 'NETWORK & SECURITY' highlighted and 'Security Groups' selected. The main content area shows a list of security groups. The 'Create security group' button is highlighted with a red box.

	Security group ID	Security group name	VPC ID	Description	Owner	Inbound rules count
<input type="checkbox"/>	sg-0077dfc0a49659929	mysecgroup	vpc-96bf59fd	mysecgroup	666385686561	4 Permission entries
<input type="checkbox"/>	sg-012bf9611da478476	workshop	vpc-96bf59fd	workshop	666385686561	4 Permission entries
<input checked="" type="checkbox"/>	sg-03ae6063	default	vpc-96bf59fd	default VPC security gr...	666385686561	1 Permission entry
<input type="checkbox"/>	sg-04348ad5aa13b55cf	eduxample	vpc-96bf59fd	launch-wizard-1 create...	666385686561	3 Permission entries
<input type="checkbox"/>	sg-047584a5f36062f92	intellidemo	vpc-96bf59fd	intellidemo	666385686561	4 Permission entries
<input type="checkbox"/>	sg-06b6dc0d5a4dcff8f	edulabs	vpc-96bf59fd	edulabs	666385686561	4 Permission entries
<input type="checkbox"/>	sg-06dbd6f6cc4640531	intellipat	vpc-96bf59fd	intellipat	666385686561	4 Permission entries
<input type="checkbox"/>	sg-0ee079be1610f98b1	Test	vpc-96bf59fd	launch-wizard-1 create...	666385686561	3 Permission entries

Step 5: after clicking on Create Security Group you will see below Screen. You can create the Security Group as below

Basic Deatails:

you can enter any name (ex: demo)

you can enter any descript (ex: demo)

VPC: leave it as it is don't change anything

Inbound Rules: configure as you see in screen shot.

Add rule → All traffic (source → change to anywhere)

Add rule → SSH (source → change to anywhere)

Outbout Rules: keep the default

After updating all, Create Security Group at the bottom right corner.

EC2 > Security Groups > Create security group

Create security group

A security group acts as a virtual firewall for your instance to control inbound and outbound traffic. To create a new security group, complete the fields below.

Basic details

* Security group name: demo
Name cannot be edited after creation.

Description: demo

VPC: vpc-96bf59nd

Inbound rules

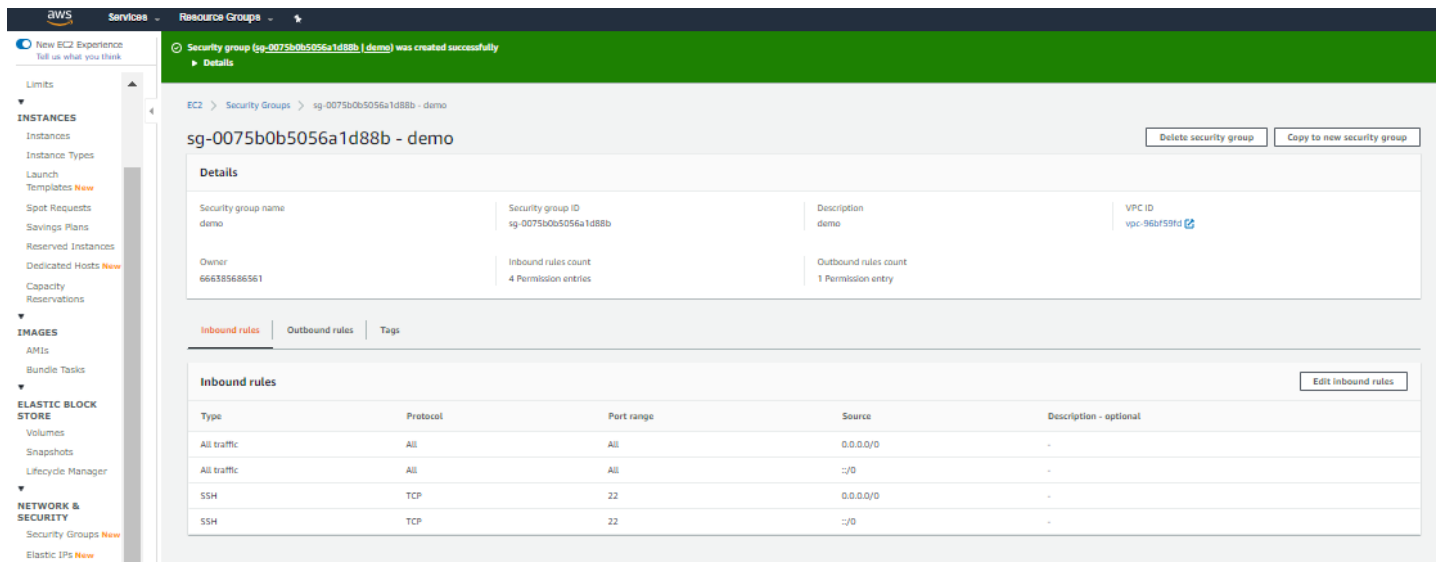
Type	Protocol	Port range	Source	Description - optional
All traffic	All	All	Anywhere	
SSH	TCP	22	Anywhere	

Outbound rules

Type	Protocol	Port range	Destination	Description - optional
All traffic	All	All	Custom	

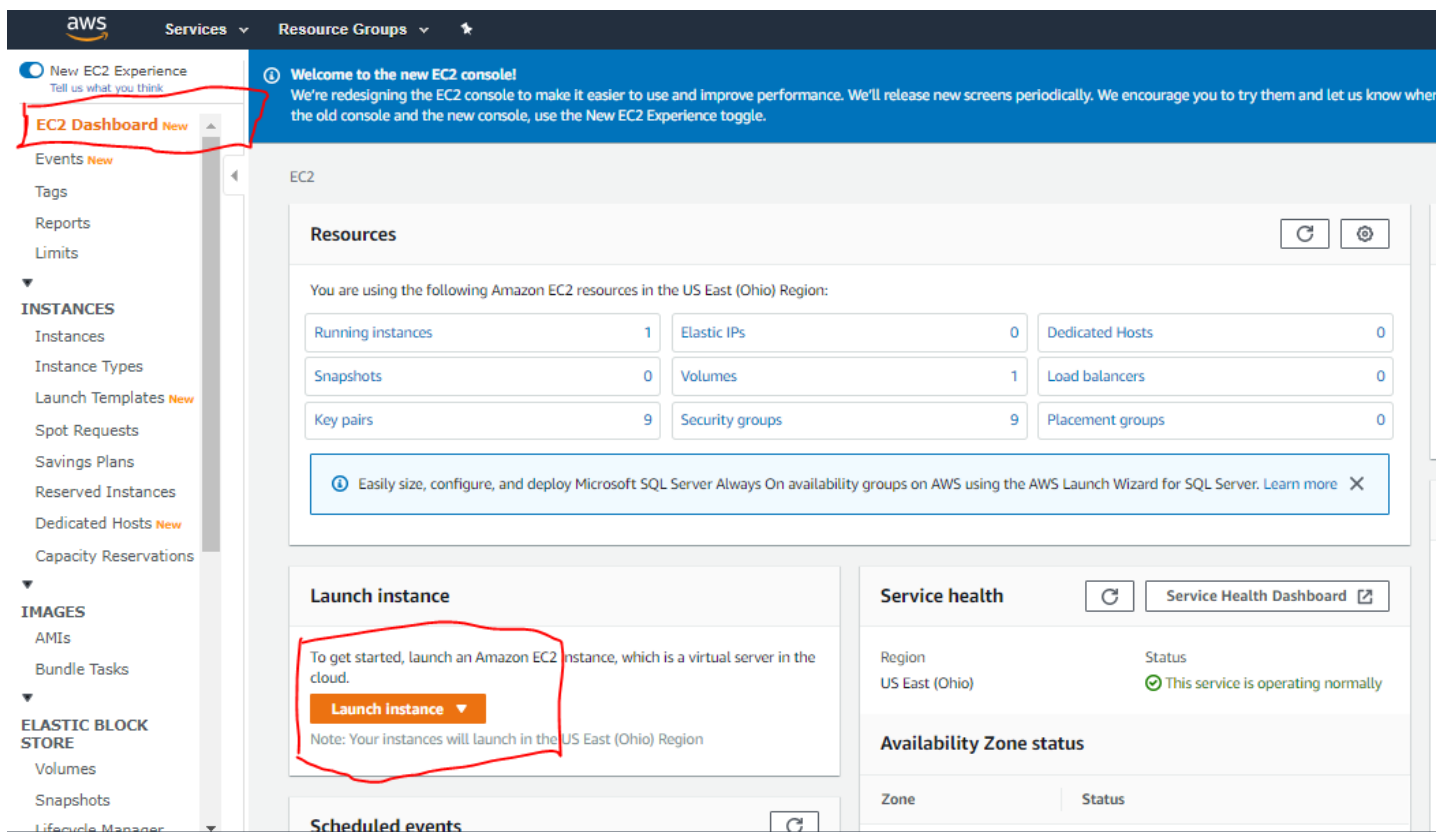
Cancel Create security group

Ensure the Security Group Create Successfully & rules updated Accordingly.



Step6: Now Lets Start Creating the Ubuntu Instance

From above Screen, left side Menu Scroll Up and click on EC2 DashBoard New, you will see below Screen, then click on Launch Instance button as seen in below screen shot.



Step 7: after Clicking on Launch Instance you will see below screen, choose Ubuntu 18.04 LTS & Click on Select button on Right side

aws Services Resource Groups

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

Quick Start

My AMIs

AWS Marketplace

Community AMIs

☐ Free tier only

Amazon Linux 2 AMI (HVM), SSD Volume Type - ami-0f7919c33c90f5b58 (64-bit x86) / ami-050d581a8c1d4a570 (64-bit Arm)

Amazon Linux 2 comes with five years support. It provides Linux kernel 4.14 tuned for optimal performance on Amazon EC2, systemd 219, GCC 7.3, Glibc 2.28, Binutils 2.28.1, and the latest software packages through extras.

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

Select

64-bit (x86)
64-bit (Arm)

Amazon Linux AMI 2018.03.0 (HVM), SSD Volume Type - ami-097834fcb3081f51a

The Amazon Linux AMI is an EBS-backed, AWS-supported image. The default image includes AWS command line tools, Python, Ruby, Perl, and Java. The repositories include Docker, PHP, MySQL, PostgreSQL, and other packages.

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

Select

64-bit (x86)

Red Hat Enterprise Linux 8 (HVM), SSD Volume Type - ami-0520e698dd500b1d1 (64-bit x86) / ami-0099847d600887c9f (64-bit Arm)

Red Hat Enterprise Linux version 8 (HVM), EBS General Purpose (SSD) Volume Type

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

Select

64-bit (x86)
64-bit (Arm)

SUSE Linux Enterprise Server 15 SP1 (HVM), SSD Volume Type - ami-04c5bab51cc146925 (64-bit x86) / ami-02e73902018018171 (64-bit Arm)

SUSE Linux Enterprise Server 15 Service Pack 1 (HVM), EBS General Purpose (SSD) Volume Type. Public Cloud, Advanced Systems Management, Web and Scripting, and Legacy modules enabled.

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

Select

64-bit (x86)
64-bit (Arm)

Ubuntu Server 18.04 LTS (HVM), SSD Volume Type - ami-0fc20dd1da406780b (64-bit x86) / ami-0959e8feedaf156bf (64-bit Arm)

Ubuntu Server 18.04 LTS (HVM), EBS General Purpose (SSD) Volume Type. Support available from Canonical (<http://www.ubuntu.com/cloud/services>).

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

Select

64-bit (x86)
64-bit (Arm)

Are you planning a database instance? Try Amazon RDS

Hide

Step 8: Choose an Instance type. Let the default selection remain and click Configure Instance Details.

aws Services Resource Groups

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
<input type="checkbox"/>	General purpose	t2.nano	1	0.5	EBS only	-	Low to Moderate	Yes
<input checked="" type="checkbox"/>	General purpose	t2.micro Free tier eligible	1	1	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	General purpose	t2.small	1	2	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	General purpose	t2.medium	2	4	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	General purpose	t2.large	2	8	EBS only	-	Low to Moderate	Yes

Cancel Previous Review and Launch Next: Configure Instance Details

Step 9: you will see below screen & leave the default values as they are & click on Next: Add Storage.

Services
Resource Groups

lerndevops
Ohio
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

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-96bf59fd (default)

Create new VPC

Subnet

No preference (default subnet in any Availability Zone)

Create new subnet

Auto-assign Public IP

Use subnet setting (Enable)

Placement group

Add instance to placement group

Capacity Reservation

Open

Create new Capacity Reservation

IAM role

None

Create new IAM role

Cancel

Previous

Review and Launch

Next: Add Storage

Step 10: you will see below screen & leave the default values as they are & click on Next: Add Tags.

Services
Resource Groups

lerndevops
Ohio
Support

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	/dev/sda1	snap-085c8383cc8833286	8	General Purpose SSD (gp2)	100 / 3000	N/A	<input checked="" type="checkbox"/>	Not Encrypt

Add New Volume

Free tier eligible customers can get up to 30 GB 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

Step 11: you will see below screen & leave the default values as they are & click on Next: Configure Security Group.

aws

Services

Resource Groups

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Support

1. Choose AMI2. Choose Instance Type3. Configure Instance4. Add Storage5. Add Tags6. Configure Security Group7. Review

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(128 characters maximum)

Value(256 characters maximum)

Instances

Volumes

This resource currently has no tags

Choose the [Add tag](#) button or [click to add a Name tag](#).
Make sure your [IAM policy](#) includes permissions to create tags.

Add Tag(Up to 50 tags maximum)

Cancel

Previous

Review and Launch

Next: Configure Security Group

Step 12: you will see below screen, As below Select existing Security Group radio button & from list below choose the security group you created earlier. Then click on Review and Launch at the right bottom & on the next screen Click on Launch button

aws

Services

Resource Groups

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Ohio

Support

1. Choose AMI2. Choose Instance Type3. Configure Instance4. Add Storage5. Add Tags6. Configure Security Group7. 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 ID	Name	Description	Actions
<input type="checkbox"/> sg-03ae6063	default	default VPC security group	Copy to new
<input checked="" type="checkbox"/> sg-0075b0b5056a1d88b	demo	demo	Copy to new
<input type="checkbox"/> sg-06b6dc0d5a4dcff8f	edulabs	edulabs	Copy to new

Type	Protocol	Port Range	Source	Description
All traffic	All	All	0.0.0.0/0	
All traffic	All	All	:::0	
SSH	TCP	22	0.0.0.0/0	
SSH	TCP	22	:::0	

Cancel

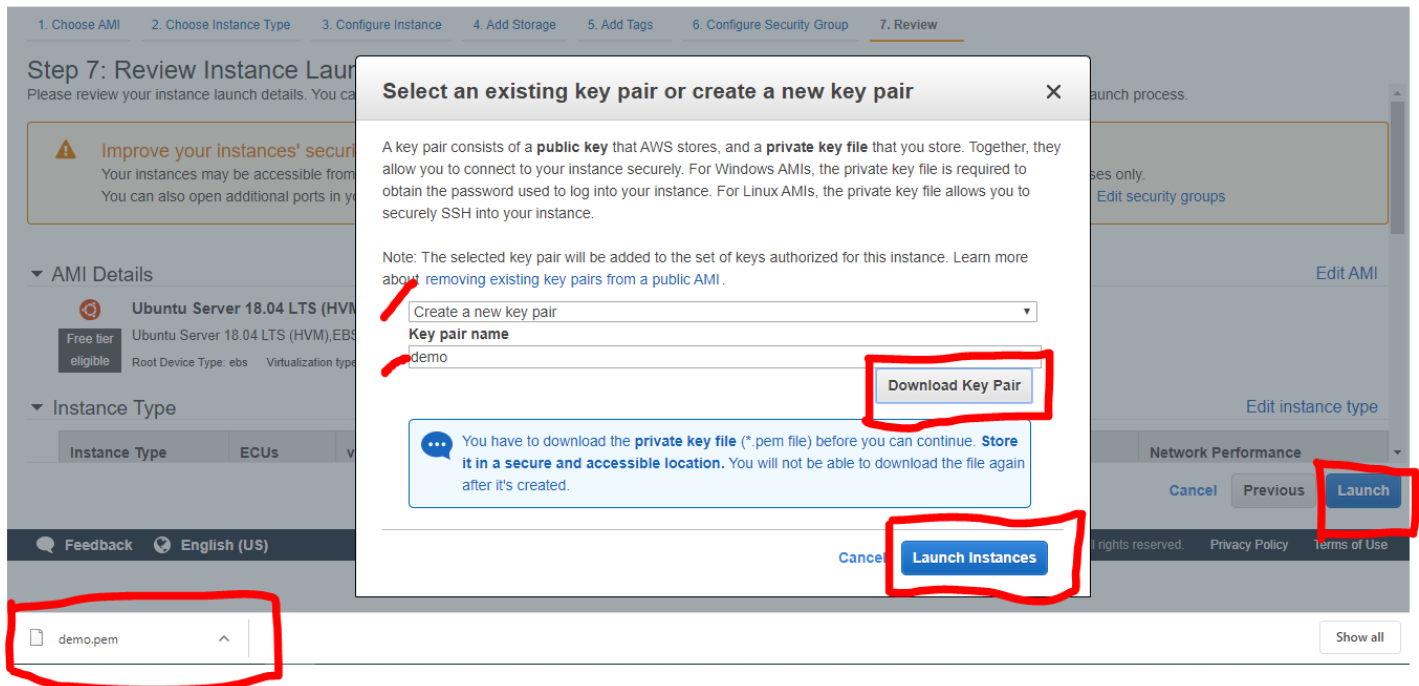
Previous

Review and Launch

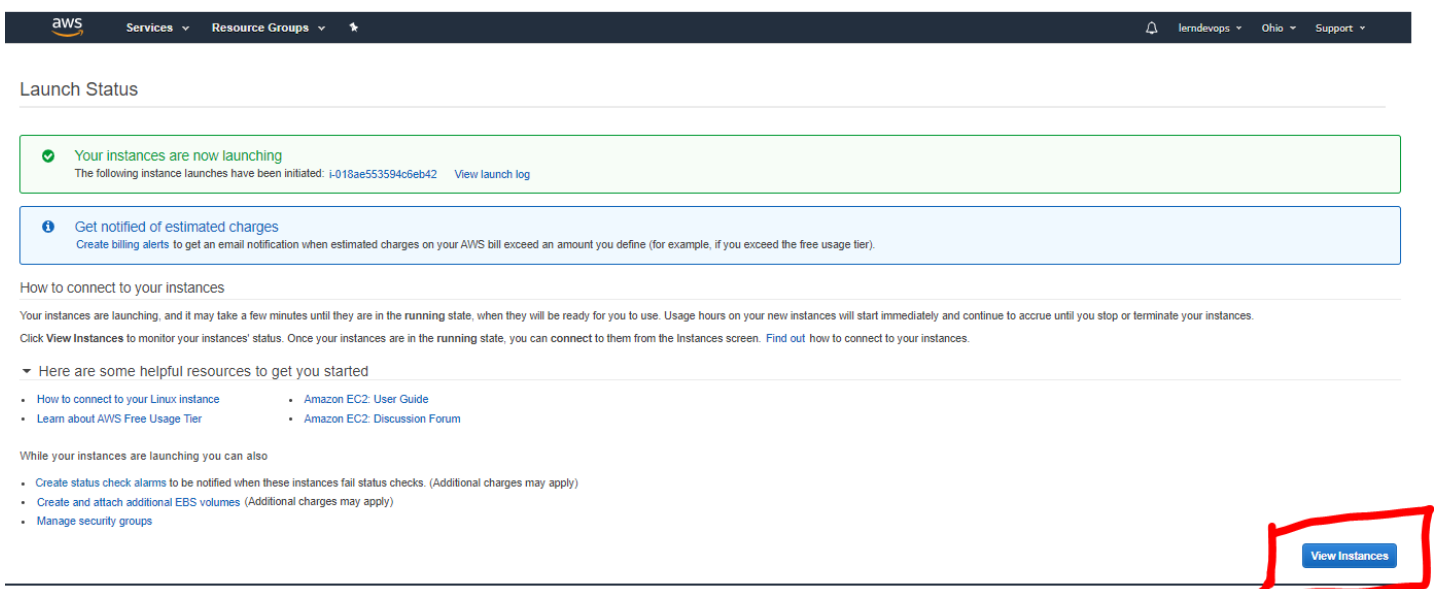
Step 13: once you click on Launch button you will see a popup as below,

From the first Drop Down, Select Create a New key pair then below Key Pair Name field enter any name & then click on Download Key Pair Button
Ensure the Key Pair (demo.pem as below) downloaded successfully

Once the Key Pair is successfully downloaded Click on Launch Instance



Step 14: after clicking on Launch Instance you will see below Screen, Click on View Instances button on bottom right corner



Step 15: then we will land on below page, wait for couple of minutes you should see your instance in running state.

Select the instance and go through the details below what are all the details it shows up.

aws Services Resource Groups

New EC2 Experience
Tell us what you think

EC2 Dashboard New

Events New

Tags

Reports

Limits

INSTANCES

Instances

Instance Types

Launch Templates New

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts New

Capacity Reservations

IMAGES

AMIs

Bundle Tasks

ELASTIC BLOCK STORE

Feedback English (US)

Launch Instance Connect Actions

Filter by tags and attributes or search by keyword

Name	Instance ID	Instance Type	Availability Zone	Instance State	Alarm Status	Public DNS (IPv4)	IPv4 Public IP	Key Name	Security Groups
	i-0590c1305098ae8...	t2.micro	us-east-2a	terminated	None			devops	
	i-018ae553594c0eb...	t2.micro	us-east-2b	running	None	ec2-3-136-106-1.us-ea...	3.136.106.1	demo	demo

Description Status Checks Monitoring Tags

Instance ID i-018ae553594c0eb42

Instance state running

Instance type t2.micro

Finding Opt-in to AWS Compute Optimizer for recommendations. [Learn more](#)

Private DNS ip-172-31-27-102.us-east-2.compute.internal

Private IPs 172.31.27.102

Secondary private IPs

VPC ID vpc-9b0bf59d

Subnet ID subnet-507e3a2a

Network interfaces eth0

Public DNS (IPv4) ec2-3-136-106-1.us-east-2.compute.amazonaws.com

IPv4 Public IP 3.136.106.1

Elastic IPs

Availability zone us-east-2b

Security groups demo. view inbound rules. view outbound rules

Scheduled events No scheduled events

AMI ID ubuntu/images/hvm-ssd/ubuntu-bionic-18.04-amd64-server-2020112 (ami-0fc20dd1da406780b)

Platform details

Usage operation

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Step 16: Click on Connect on the screen below.

https://us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#Instances:

aws Services Resource Groups

DeepT7 Ohio Support

EC2 Dashboard

Events

Tags

Reports

Limits

INSTANCES

Instances

Launch Templates

Spot Requests

Reserved Instances

Dedicated Hosts

Capacity Reservations

IMAGES

AMIs

Bundle Tasks

ELASTIC BLOCK STORE

Volumes

Snapshots

Lifecycle Manager

Feedback English (US)

Launch Instance Connect Actions

Filter by tags and attributes or search by keyword

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)	IPv4
	i-025eec3b8a3c9b060	t2.micro	us-east-2c	running	Initializing	None	ec2-52-14-107-171.us-...	52.14

Instance: i-025eec3b8a3c9b060 Public DNS: ec2-52-14-107-171.us-east-2.compute.amazonaws.com

Description Status Checks Monitoring Tags

Instance ID i-025eec3b8a3c9b060

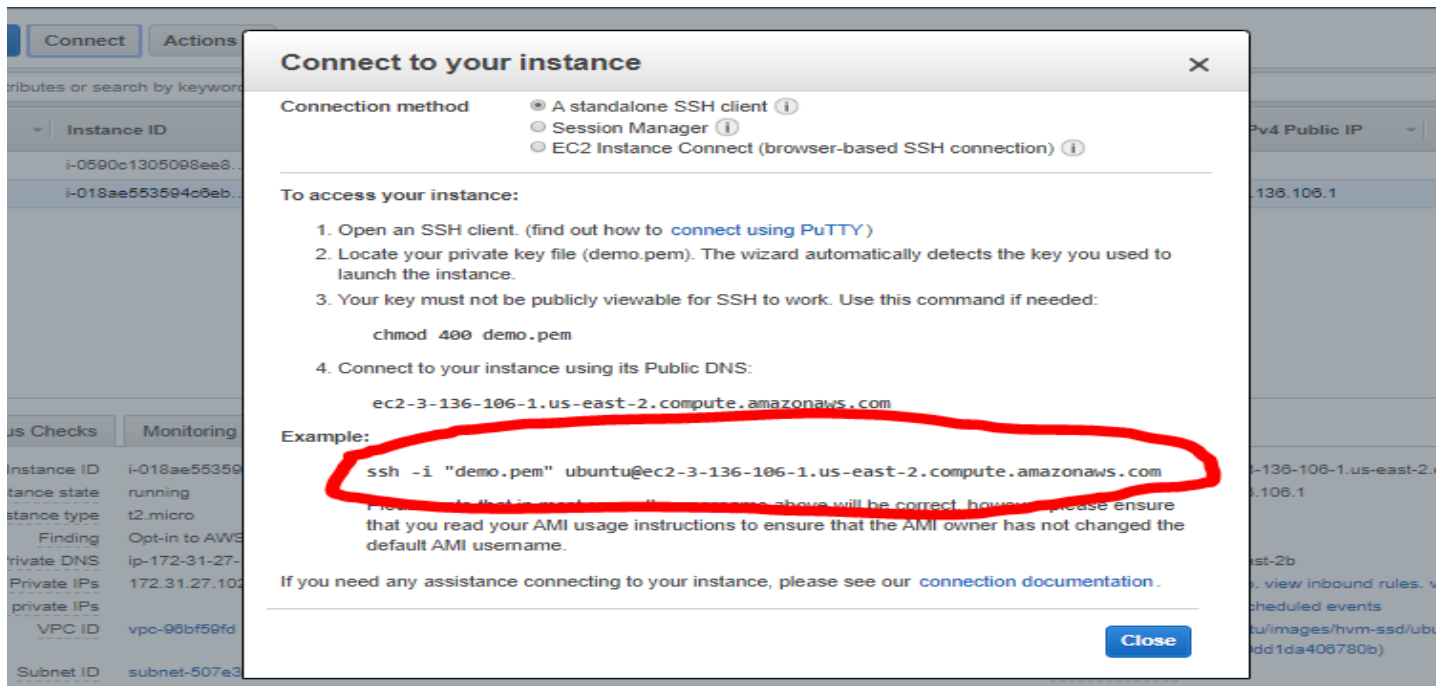
Instance state running

Public DNS (IPv4) ec2-52-14-107-171.us-east-2.compute.amazonaws.com

IPv4 Public IP 52.14.107.171

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Step 17: You will view this popup – Connect to your instance.
To connect to the VM, follow the instructions, Copy the ssh line as highlighted below, then click on close



CONNECT / LOGIN to EC2 Instance Using Below Guide

for Windows Users:

<https://github.com/lerndevops/labs/blob/master/cloud/aws/connect-to-EC2-with-mobaXterm.pdf>

for Mac Users:

<https://github.com/lerndevops/labs/blob/master/cloud/aws/connect-to-EC2-with-MAC-terminal.pdf>