

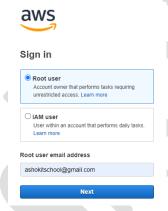
What IS EC2

- EC2 stands for Amazon Elastic Compute Cloud
- Amazon EC2 is most well-known services, offers businesses the ability to run applications on the public cloud
- EC2 provides resizable computing capacity in the cloud so developers can enjoy great scalability for building applications
- Instead of purchasing your own hardware and connecting it to a network, Amazon gives you
 nearly unlimited virtual machines to run your applications while they take care of the
 hardware.
- AWS supports multiple operating systems from Windows to many flavors of Linux etc. As a customer, you are also able to bring your own custom OS and run it on their platform.

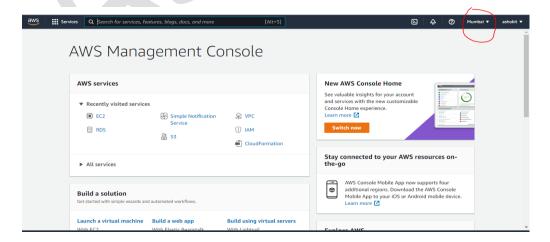
IN OTHER WORDS, A custom rubber band that can stretch for building applications.

Launching Windows Machine Using AWS EC2

- 1) Create Account in AWS (URL: https://portal.aws.amazon.com/billing/signup#/start)
- 2) Login into AWS Account using your credentials

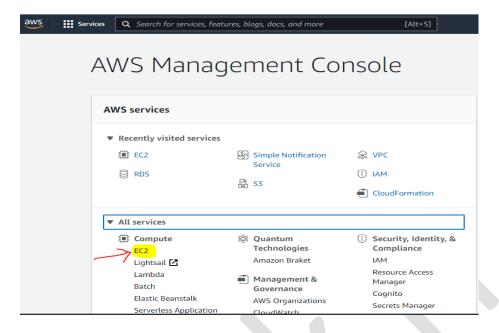


3) Choose region which is near to you (For Me Asia Pacific - Mumbai)





4) Go to services and Select EC2 and Click on Launch Instance



5) Click on Launch Instance



6) Choose an Amazon Machine Image (AMI) (Note: select free tier eligible) Ex: Select Windows Image (Ex: Microsoft Windows Server 2022 Base)



email: info@ashokitech.com WhatsApp: +91 9985396677

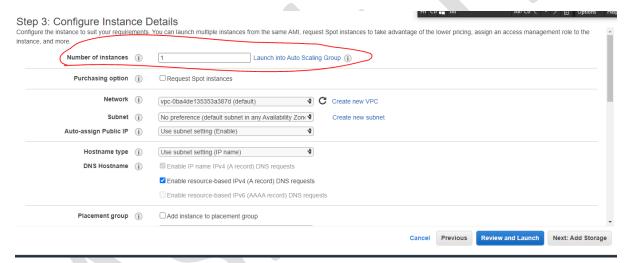


7) Select Instance Type (t2.micro and click on Next)

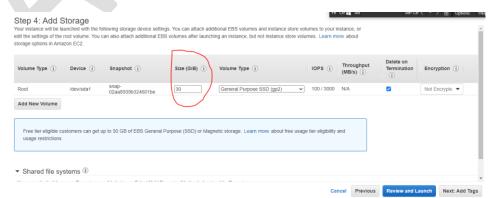
Step 2: Choose an Instance Type Amazon EC2 provides a wide selection of instance types
Amazon EC2 provides a wide selection of instance types optimized to fit different use cases. Instances are virtual servers that can run applications. They have varying combinations of CPU, memory, storage, and networking 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 families
Current generation
Show/Hide Columns Currently selected: t2.micro (- ECUs, 1 vCPUs, 2.5 GHz, -, 1 GiB memory, EBS only) EBS-Optimized Available Family Type vCPUs (i) -Memory (GiB)

✓ Instance Storage (GB) (i)
✓ Network Performance (i) -Support t2 t2.nano 0.5 EBS only Low to Moderate Yes t2 EBS only Low to Moderate t2 EBS only Low to Moderate t2.small Yes t2 EBS only Low to Moderate t2.medium Yes t2 EBS only t2.large EBS only Previous Review and Launch Next: Configure Instance Details

8) Configure Instance Details and Click on Next (Default value 1 instance)



9) Add Storage and click on Next (Default 30)

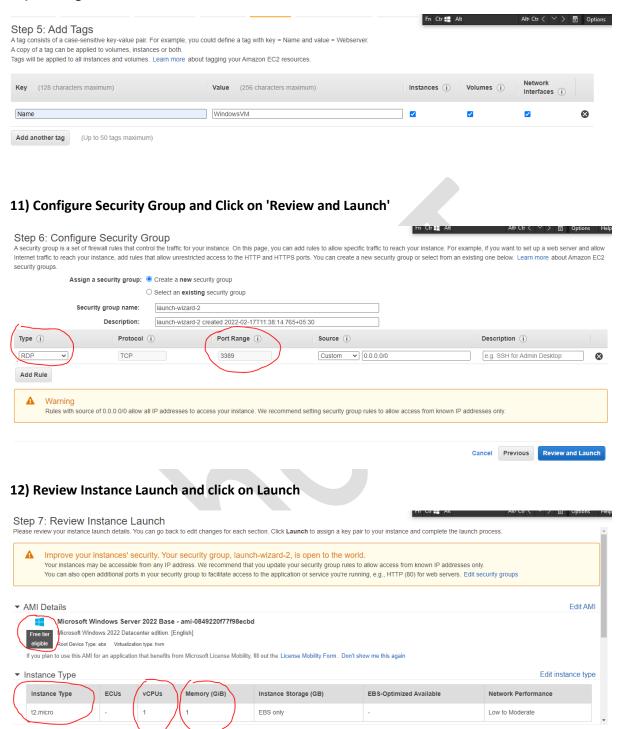


Cancel Previous

email: info@ashokitech.com WhatsApp: +91 9985396677



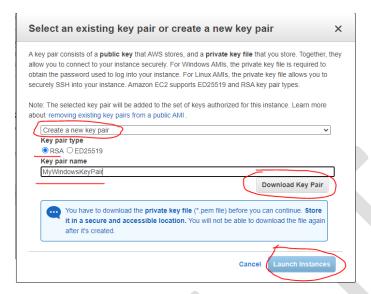
10) Add Tag and click on Next



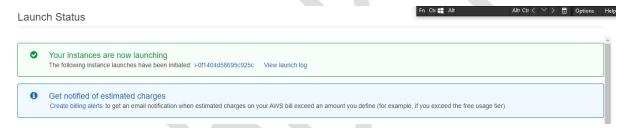


13) Select New Key Pair --> Choose Name --> Download Key Pair

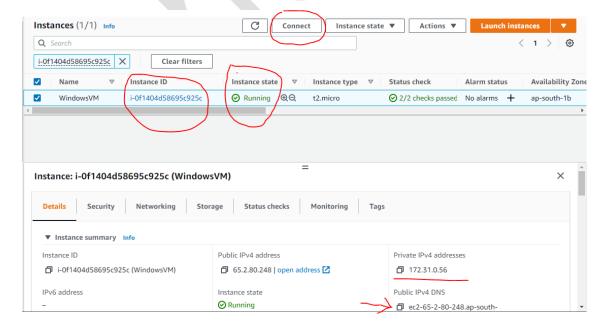
(Store that key-pair file because we need that file to connect to VM)



14) Once Instance launched you can see below message

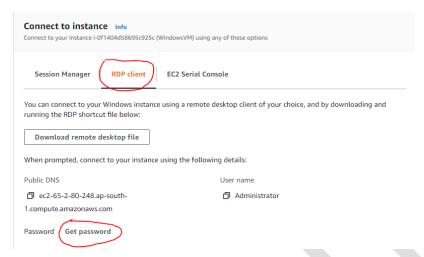


15) Go to EC2 Dashboard and see Instance Status

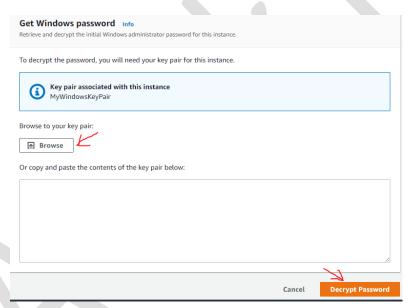




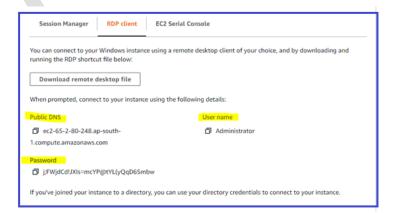
16) Select Instance and Click on Connect -> Go To RDP Client -> Click on 'Get Password'



17) Click on Browse and Upload Key-Pair file which we have downloaded and Click on 'Decrypt Password'



18) You can see Password like below (Copy Username, Password From this Screen)

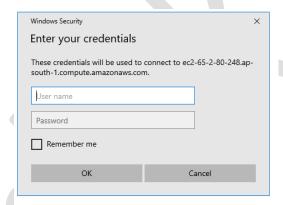




19) Open Remote Desktop Connection From your machine (From Start Menu) and Enter EC2 Instance DNS name like below and click on 'Connect' button



20) Enter EC2 instance Credentials in below screen and Click on 'Ok'



21) If you enter correct credentials then you can see below Windows Machine which is launched in AWS



- 22) You can copy some files from your local machine and paste in EC2 Machine (That's all)
- 23) Once you have practiced, you can terminate instance from EC2 Dashboard to avoid billing

=== Learn Here.. Lead Anywhere..!! ===