Creating an EC2 Instance

In this experiment let us see how we can create an EC2 Instance.

Step 1: Login to AWS account as a **root user**.

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Step 2: You will be directed to AWS management console. On the Navigation bar you can see a search bar. Type **EC2** in it and search.

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Step 3: Click on EC2 and You will be directed to **EC2 Dashboard**. On the left navigation bar you can see an option **instances**. Select it.

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Step 4: You will be directed to instances page. On top right there is an option **Launch Instances**. Select it. Here you need to select your AMI. Scroll down and select Ubuntu Server 18.04 LTS (HVM) Graphical user interface, text, application, email

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Step 5: Select instance type as **t2 micro**.

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After selecting click **Next:Configure Instance Details** at the bottom.

Step 6 : For now let us not change any details in this Instance configuration page. Simply click on **Next:Add Storage** at the bottom.

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Step 7: We can add volumes here. But now let us continue with only root volume. Click **Add Tags** at bottom.

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Step 8: Add a tag of your wish.

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Click on **Next:Configure Security Group**

Step 9: We will be adding protocols in future. For now leave it. Click on **Review and Launch** and **Launch**.

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Step 10: Now you need to key pair for your instance. In the drop down select **create a new key pair** option. Give your own name and click on **Download Key Pair**. The .pem file will be downloaded.

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After downloading click on **Launch Instance.**

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At the bottom select **View Instance** option.

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You can see that your instance is running successfully.

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**TERMINATING AN EC2 INSTANCE**

If you are using a Free Tier account then terminating an EC2 Instance after usage is a good habit of saving money.

Simply **select the checkbox** of the instance that you want to delete and Go to **Instance State**  and click **Terminate Instance** and **Terminate.** Graphical user interface, text, application, email

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Wait till it terminates.

You can see the terminated message.

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Now again go to EC2 Dashboard and verify whether the options **instances(running) and volumes are zero.** You can neglet the key pairs, instances and security groups if they are different. A screenshot of a computer

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HENCE WE SUCCESSFULLY TERMINATED THE EC2 INSTANCE.