**Create an account**

**Create an Instance**

* Go to the AWS Management Console and sign in to your account.
* Click on the "Services" tab at the top of the page and select "EC2" from the list of services.
* In the EC2 Dashboard, click on the "Launch Instance" button to start the instance creation process.
* Select an Amazon Machine Image (AMI) from the list of available options. An AMI is a pre-configured virtual machine image that you can use to create your instance.
* Choose an instance type based on your requirements. The instance type determines the amount of CPU, memory, and storage resources available to your instance.
* Configure the instance details, such as the number of instances to launch, the VPC and subnet settings, and the security group. You can also add tags to your instance to help you identify it later.
* Choose a storage option for your instance, such as Amazon Elastic Block Store (EBS) or Instance Store. EBS provides persistent block-level storage for your instance, while Instance Store provides temporary block-level storage.
* Configure the security settings for your instance, including the key pair, which allows you to securely access your instance using SSH. You can also choose to use IAM roles to manage permissions for your instance.
* Review your instance settings and click "Launch" to create your instance.
* After launching the instance, you can connect to it using SSH or RDP, depending on the operating system you selected. You can also customize the instance further by installing additional software, configuring network settings, and more.

That's it! You now have a running instance on AWS.

**How to install apache on aws ec2 instance**

* Connect to your EC2 instance using SSH. You can use the SSH client of your choice to connect to your instance. For example, you can use PuTTY if you are using Windows or Terminal if you are using a Mac or Linux machine.
* Update the package index and package manager by running the following command:

sudo apt-get update

* Install Apache using the following command:

sudo apt-get install apache2

* After the installation is complete, start the Apache service by running the following command:

sudo service apache2 start

* Verify that Apache is running by opening a web browser and navigating to your instance's public IP address. If everything is working correctly, you should see the Apache default page.
* That's it! You now have the latest version of Apache installed on your EC2 instance.

You can also run the query below to perform all the actions listed above at once.

sudo apt-get update && sudo apt-get install apache2 && sudo systemctl status apache2

**Install cpanel on ubuntu apache server**

The process for installing cPanel on an Apache Ubuntu server is slightly different than on CentOS or RedHat. Here are the steps:

* Launch an Ubuntu EC2 instance: First, launch an Amazon EC2 instance and select an Ubuntu AMI.
* Update the instance: Once the instance is launched, update it by running the following command:

sudo apt-get update && sudo apt-get upgrade

* Install Perl: cPanel requires Perl to be installed. Install it by running the following command:

sudo apt-get install perl

* Set the hostname: Set the hostname to a fully qualified domain name (FQDN) by running the following command:

sudo hostnamectl set-hostname example.com

Replace "example.com" with your own domain name.

* Download the cPanel installer: Next, download the cPanel installer script by running the following command:

curl -o latest -L https://securedownloads.cpanel.net/latest

Run the installer: Run the installer script by executing the following command:

sudo sh latest

Follow the installation prompts: The installer will guide you through the installation process. Follow the prompts and provide the necessary information.

Access the cPanel interface: Once the installation is complete, you can access the cPanel interface by navigating to the following URL in your web browser:

https://<your-ec2-instance-ip>:2083/

You will need to log in with the username and password you provided during the installation process.

That's it! You should now have cPanel installed on your Apache Ubuntu server. Note that cPanel is not officially supported on Ubuntu, so you may encounter issues that are not present on CentOS or RedHat.

**Setup s3bucket**

* Log in to the AWS Management Console and navigate to the S3 service.
* Click on the "Create Bucket" button to create a new S3 bucket.
* Choose a unique name for your bucket, select the region where you want your bucket to be located, and click on the "Create" button.
* Your new bucket should now appear in the S3 console. Click on the bucket name to open the bucket.
* To upload files to your bucket, click on the "Upload" button and select the files you want to upload. You can also drag and drop files from your computer into the S3 console.

By default, all objects in S3 are private, which means that only the owner has access to them. To share your files with others, you can create a bucket policy that grants them the necessary permissions.

To create a bucket policy, click on the "Permissions" tab in the S3 console, and then click on the "Bucket Policy" button.

In the policy editor, you can write a JSON policy that grants permissions to specific users or groups. You can find examples of S3 bucket policies on the AWS documentation.

Once you have created your bucket policy, click on the "Save" button to save your changes.

That's it! You now have an S3 bucket set up on AWS, and you can upload and share files with others as needed.