**SOP AWS by Bizdesire**

Step 1: Login to AWS <https://aws.amazon.com>

Step2: Click on Services-->Compute-->Ec2

Step 3 Under “Create Instance” click “Launch Instance”

Step 4: Choose AMI - Select **Ubuntu Server 16.04 LTS (HVM), SSD Volume Type**

Step 5: Choose Instance “t2.micro”

Step 6: Next option will be “Configure Instance Details”. Choose the settings if mentioned by client otherwise skip the step.

Step 7: “Add storage” Choose the settings if mentioned by client otherwise skip the step.

Step 8: “Add tags” Choose the settings if mentioned by client otherwise skip the step.

Step 9: Under Configure Security Group. Select type = All traffic.

Step 10: Click Review and Launch

Step 11: Review it and click Launch. It will ask to choose or create a key pair. It’s better that you CREATE A NEW KEYPAIR and KEEP IT SAFE.

Step 12: Click download keypair before proceeding.

Step 13: Launch Instance

Step14: Goto Elastic IPs, Allocate new address

Step 15: Click Actions and Associate address

Step 16: Select Instance you just created and click associate

Step 17: Open PuttyGen, Load your private key and save file in PPK format

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### How To Install Linux, Apache, MySQL, PHP (LAMP) stack on Ubuntu 16.04

Step 18: Open Putty

Step 19: Enter Hostname as the instance’s IP. Set port to 22. To select the ppk file goto

Coonection → SSH → Auth and browse the key where it says “Private key for authentication”

Step 20: Click open, a terminal will open.

Step 21: Login as ubuntu (this is the default user of AWS)

Step 22: For our purposes, we can get started by typing these commands:

* sudo apt-get update
* sudo apt-get install apache2

Step 23: Select “Y” when prompted.

Step 24: Your apache is installed. Open IP and check if you see screen “Apache2 Ubuntu Default page”.

Step 25: Install mySQL, run command:

sudo apt-get install mysql-server

Step 26: Select Y when prompted.

Step 27: You will be asked to put the MYSQL ‘root’ password. Enter the password and keep it secure.

Step 28: Re-enter the password when prompted.

Step 29: Install PHPMYADMIN, for this run command:

sudo apt-get install phpmyadmin

Step 30: Select ‘Y’ when prompted.

Step 31: You will be asked to choose the web server, choose “Apache2”.

Step 32: On Configure database for phpmyadmin with dbconfig-common? Select yes

Step 32: You will be asked for the password. You can use the same password as MYSQL

Step 33: Include PHPMyAdmin inside apache configuration. FOr this use teh following command:

sudo nano /etc/apache2/apache2.conf

Then add the following line:

Include /etc/phpmyadmin/apache.conf

And save using CTRL+X and enter Y

Step 34: Restart apache using the following command:

sudo service apache2 restart

Step 35: Your phpmyadmin should run at

[http://YOUR-IP/phpmyadmin/](http://your-ip/phpmyadmin/)

**Increase Memory Size:**

Step 1:cmd

sudo nano /etc/php/7.0/apache2/php.ini

Press Ctrl+W and search for upload\_*max\_*filesize ,set it to your desired size

Save / Exit:CTRL+X, Then Y, Then Enter

Step 2:Restart apache using the following command:

sudo service apache2 restart

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# **WP Permalink problem:**

Step 1:Run the following command

nano /etc/apache2/apache2.conf

<Directory /var/www/>

Options Indexes FollowSymLinks

AllowOverride all //change setting none to all

Require all granted </Directory>

Save / Exit:CTRL+X, Then Y, Then Enter

Step 2:Restart apache using the following command:

sudo service apache2 restart

Step 3: In order to follow .htaccess redirects, it should be mentioned that Apache's <mod\_rewrite> module needs to be enabled.

You can do this from command line on the server using the following commands:

sudo a2enmod rewrite

sudo service apache2 restart