**Basic steps for hosting a website on a Server in Linux or Ubuntu**

1. Sign into AWS
2. Open EC2
3. Click Instances on Left Side
4. Click "Launch Instance"
5. Select "Amazon Linux AMI 2016.09.1 (HVM), SSD Volume Type"
6. Select Free Tier
7. Click review and launch
8. Press Launch
9. Create Pair
10. Download Pair
11. Launch Instance
12. Open list of Instances
13. Swap in your file name: chmod 400 ServerPair.pem
14. Swap in your file name and IP address: ssh -i "ServerPair.pem" ec2-user@ec2-54-152-134-146.compute-1.amazonaws.com
15. Update your instance: sudo yum update –y for Linux and sudo apt-get update for Ubuntu
16. Install Apache Web Server, MySQL, PHP: (sudo yum install -y httpd24 php70 mysql56-server php70-mysqlnd) for Linux AMI (sudo apt-get install -y httpd24 php70 mysql56-server php70-mysqlnd) for Ubuntu.
17. Start the Apache Web Server: sudo service httpd start
18. Make it so Apache Web Server runs on server boot: sudo chkconfig httpd on
19. Verify it with: chkconfig --list httpd and httpd 0:off 1:off 2:on 3:on 4:on 5:on 6:off
20. Go to your Public DNS or IPv4 Public IP: Example: ec2-54-152-134-146.compute-1.amazonaws.com
21. Create a new user group sudo groupadd www
22. Add our EC2 User to this group sudo usermod -a -G www ec2-user **NOTE: ec2-user is the username before the SSH p in your terminal.**
23. Leave the current session exit
24. Sign back in. Swap in your file name and ip address: ssh -i "ServerPair.pem" ec2-user@ec2-54-152-134-146.compute-1.amazonaws.com
25. Verify www exists by running: groups
26. Give www permission on server files /var/www with sudo chown -R root:www /var/www
27. Change file permissions: sudo chmod 2775 /var/www and find /var/www -type d -exec sudo chmod 2775 {} \;
28. Add a index.html in var/www/html so touch /var/www/html/index.html and vi /var/www/html/index.html then add content.
29. Go back to Instances (like the list)
30. Right click on your new instance, select Networking, then Change Security Group
31. Take note of which one is selected
32. Open Security Groups on the left side: <https://console.aws.amazon.com/ec2/>
33. Edit the Inbound rules for that security group already assigned.
34. Add Rule and set the type to be HTTP
35. Files sit in ls -l /var/www
36. Go to your IPv4 and you should see Hello World!