# **Deploy a website on AWS**

To deploy a website on AWS using EC2, you can follow the steps you've provided with some corrections. It appears that there are a few mistakes in the commands and URLs. Here's the updated process:

1. Create an AWS account if you don't already have one.
2. Log in to your AWS Management Console.
3. Search for "EC2" and click on the "EC2" service.
4. Click on "Launch Instance" to create a new virtual machine (EC2 instance).
5. Select the Amazon Machine Image (AMI) of your choice. For a basic web server, you can choose an Amazon Linux AMI.
6. Choose the instance type and configure other settings as per your requirements.
7. After configuring the instance details, click "Review and Launch," and then click "Launch."
8. You will be prompted to create or select a key pair for SSH access. Follow the instructions to create or use an existing key pair.
9. Once the instance is launched, click on the "Instance ID" in the EC2 dashboard.
10. Scroll down and click on "Security" in the left panel. Click on the security group associated with your instance.
11. In the "Inbound rules" tab, click "Edit inbound rules" and add rules to allow incoming traffic on port 80 (HTTP) and port 443 (HTTPS).
12. Go back to the instance details.
13. Click on the "Connect" button, and a new screen (terminal) will open in a new tab. You'll use this terminal to SSH into your EC2 instance.
14. Run the following commands in the terminal:

# Update the package manager

sudo yum update -y

# Install Apache (HTTP server)

sudo yum install -y httpd

# Start the Apache service

sudo systemctl start httpd

# Enable Apache to start on boot

sudo systemctl enable httpd

1. Your website files need to be hosted on the EC2 instance. You mentioned downloading a ZIP file, but the URL provided is incorrect. Let's assume you have your website files ready.
2. Upload your website files to the EC2 instance. You can use various methods, such as SCP, SFTP, or downloading directly using **wget**. Assuming you've already uploaded your files to the **/var/www/html** directory on the EC2 instance, you can skip this step.
3. Once your website files are in the correct directory, your website should be accessible at the public IP address of your EC2 instance. You can find the public IP address in the EC2 dashboard.
4. To access your website, open a web browser and enter the public IP address, e.g.,

[**Tic-Tac-Toe**](http://51.20.141.131/)

This guide assumes that you've already prepared your website files and uploaded them to the server.