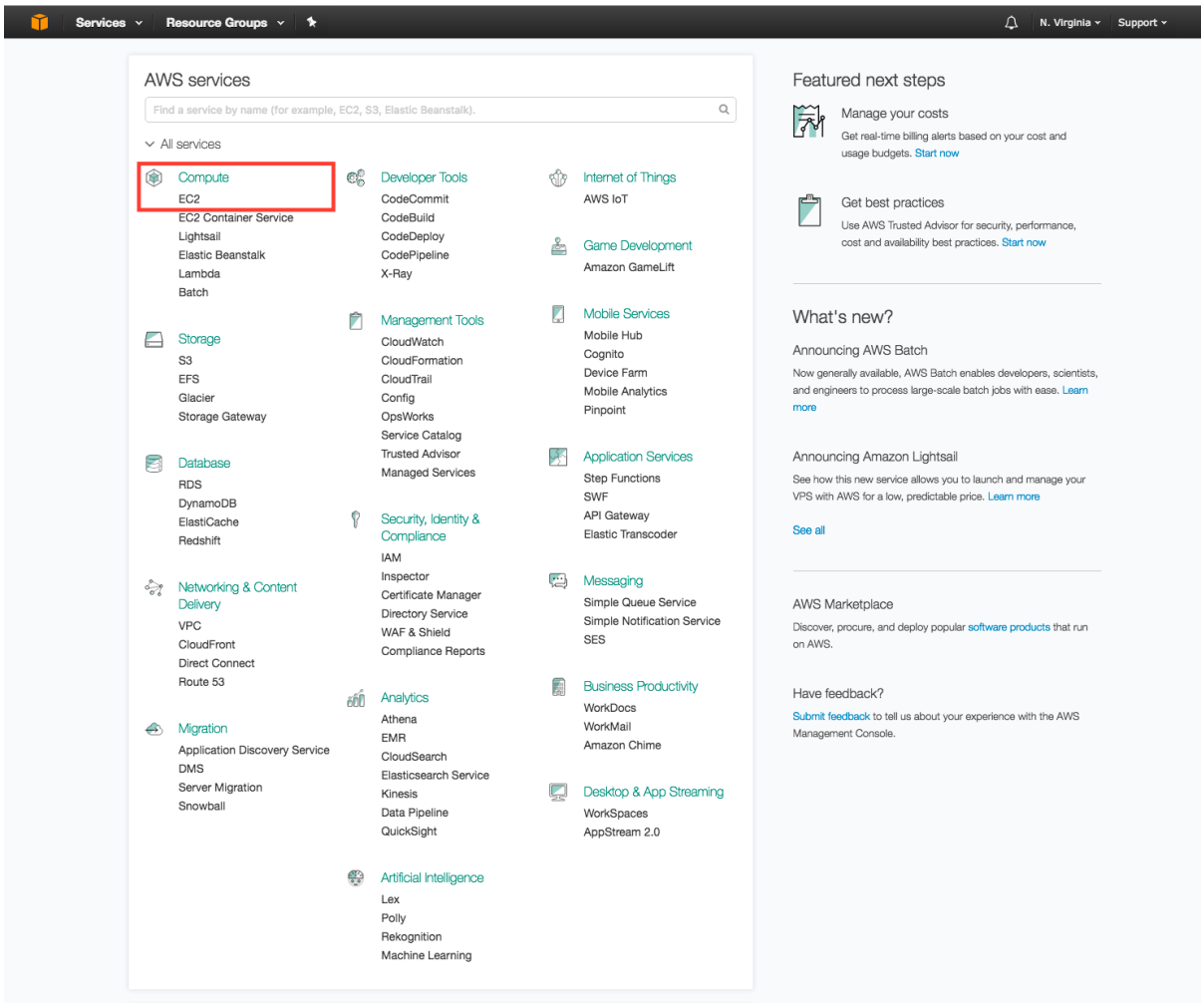
Launching WordPress site with EC2 instance

Lets start with Amazon Elastic Compute Cloud (Amazon EC2) by launching, connecting to, and using a Linuxinstance. An *instance* is a virtual server in the AWS cloud. With Amazon EC2, you can set up and configure the operating system and applications that run on your instance.

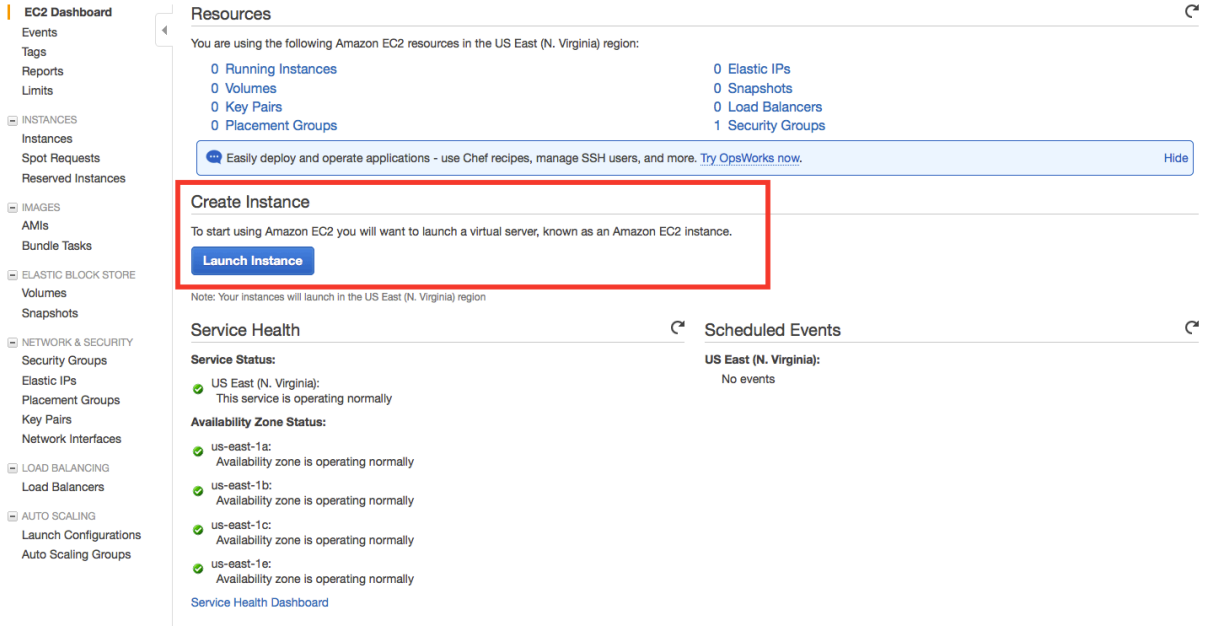
This step-by-step guide will help you get a website up and running with WordPress*, installed on an Amazon EC2 virtual machine (also known as an "instance").

Open the AWS Management Console and you can keep this step-by-step guide open. When the screen loads, enter your user name and password to get started. Then find **EC2** under ***Compute***, and double click to open the dashboard.



Step 1: Launch an Amazon EC2 Instance

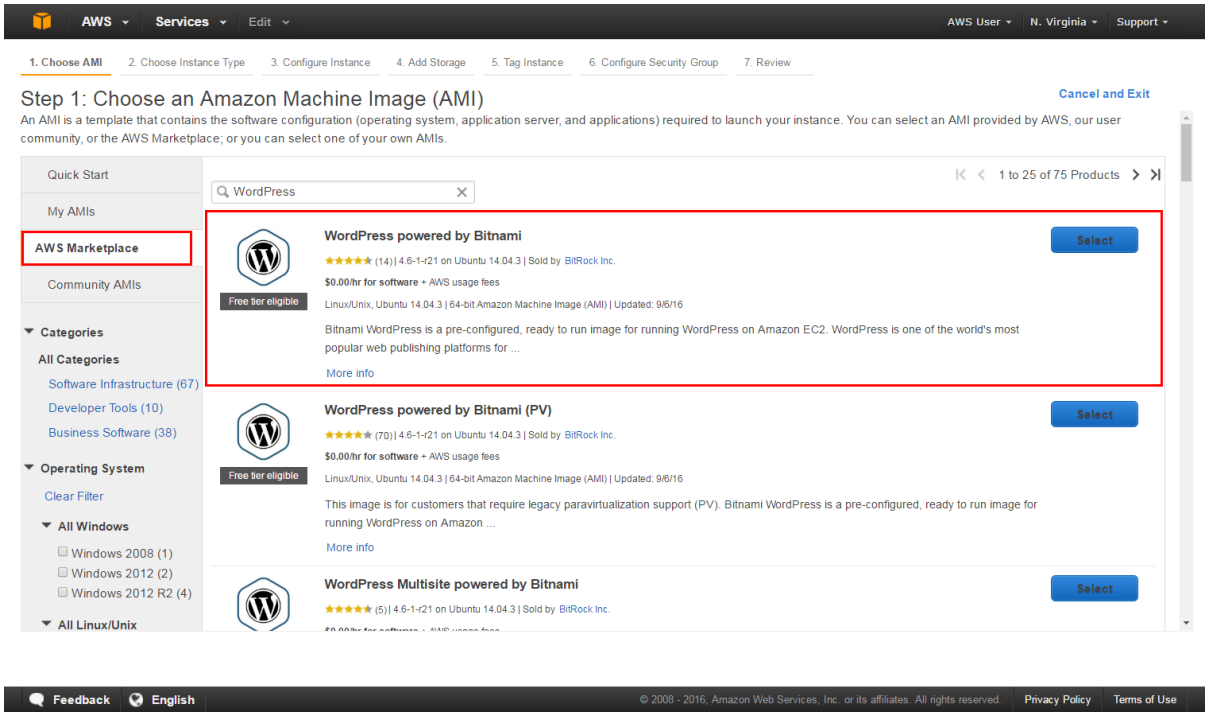
Now you are in the EC2 dashboard, click **Launch Instance** from the dashboard to create and configure your virtual machine.



Step 2: Configure your Instance

Now you're in the Amazon EC2 configuration wizard, we will be using an existing Amazon Machine Image (AMI) from the AWS Marketplace that has WordPress already installed. The AWS Marketplace provides access to thousands of pre-configured images for common pieces of software.

1. Click on **AWS Marketplace** on the left-hand side, search for **WordPress**, look for *WordPress powered by BitNami*, then click **Select**.

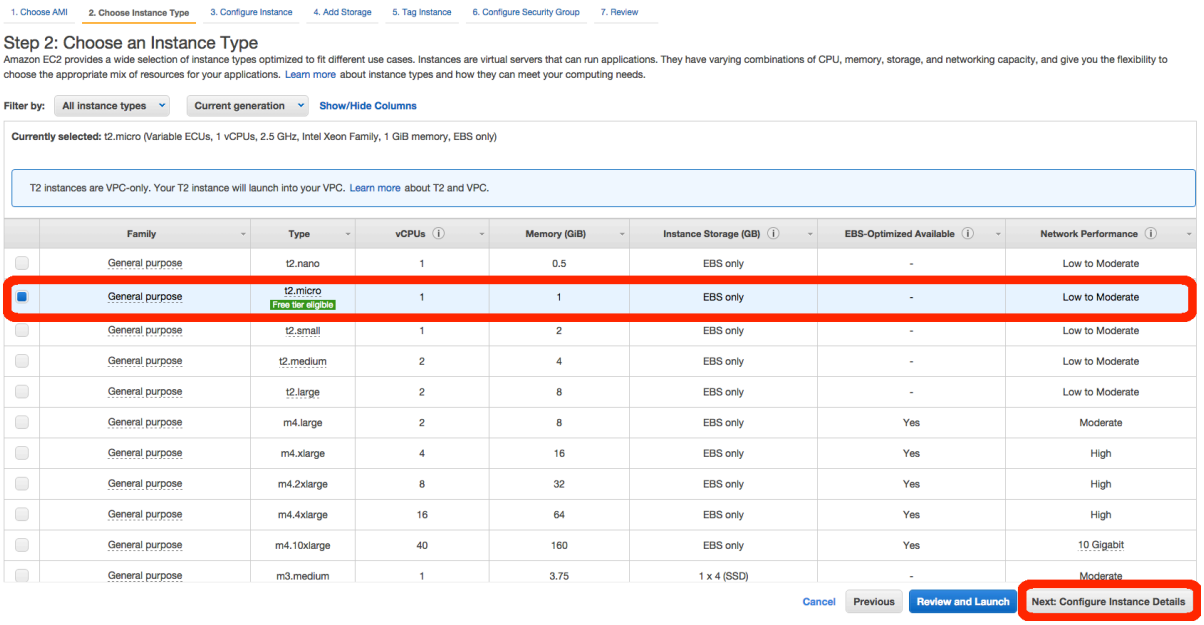


2. You will be presented a detailed pricing page. In this case, the price will be $0.00 for the software regardless of the size of the instance that you use.

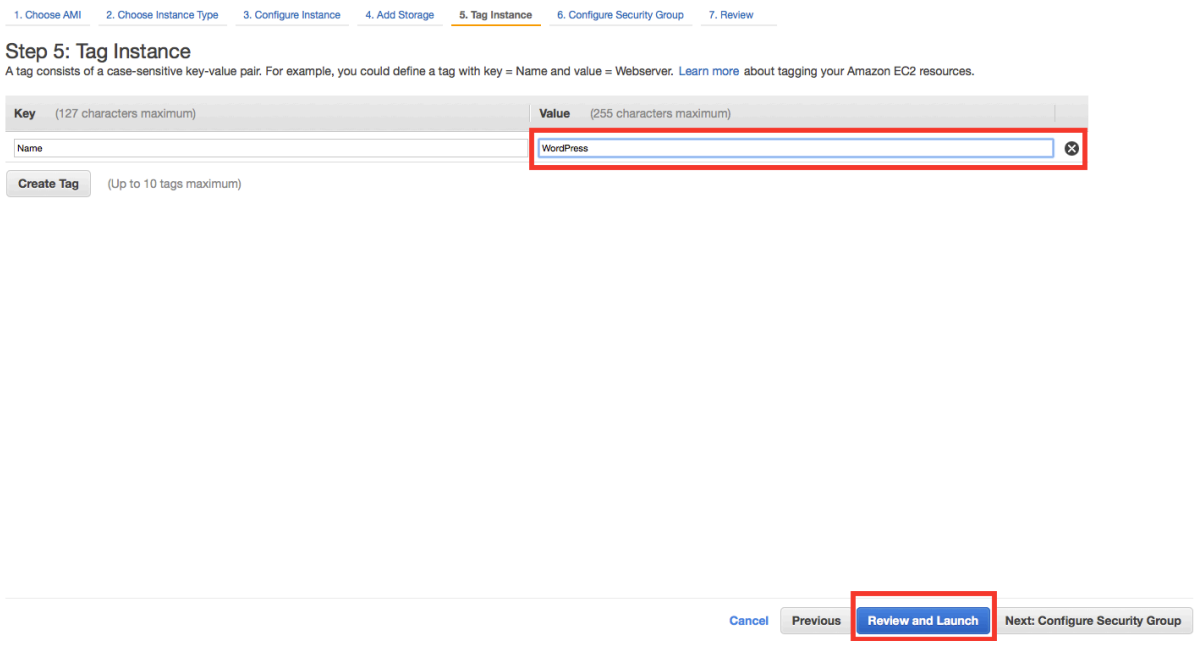
Scroll to the bottom and click **Continue**.

3. For this tutorial, we will be using a free-tier eligible t2.micro instance. Click on **t2.micro** in the *Type* column (it should be the first one), then click **Next: Configure Instance Details**. It may take a few seconds to load.

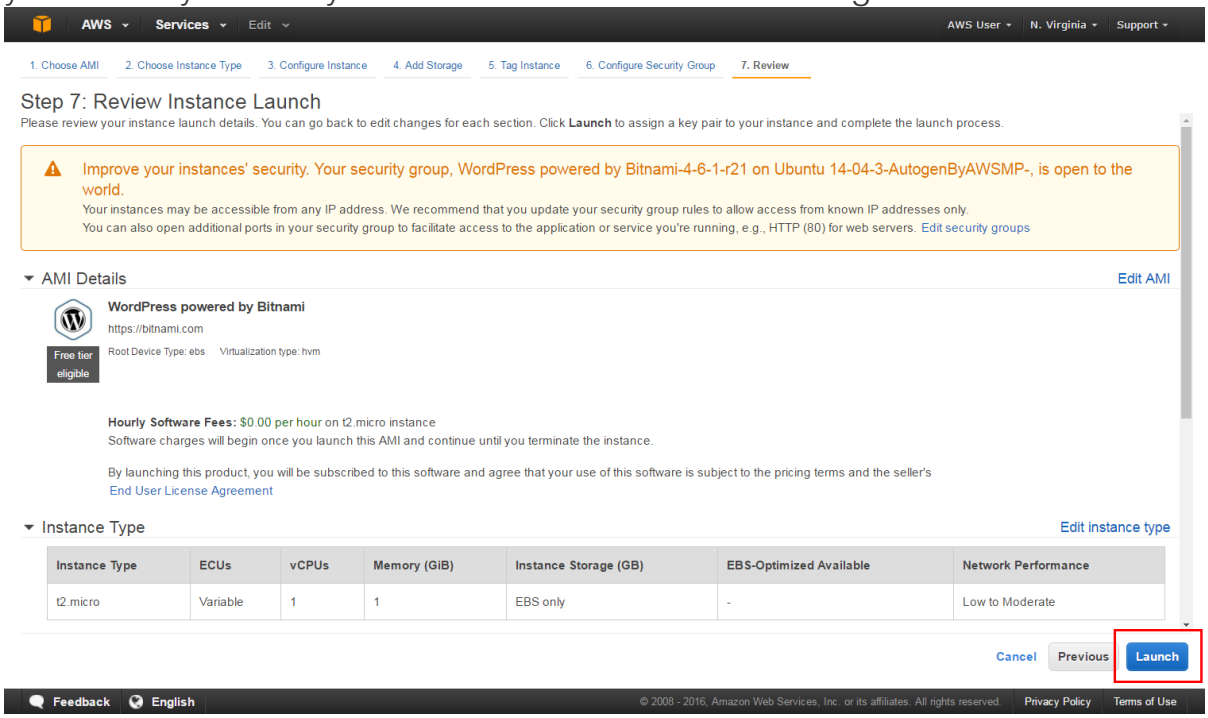
On the following screens, click **Next: Add Storage** and then **Next: Tag Instance**.



4. When you are into Tag Instance windows, we will set a name for your instance in this step. Enter **WordPress** in the Value box next to the Name box. Click **Review and Launch** to continue.



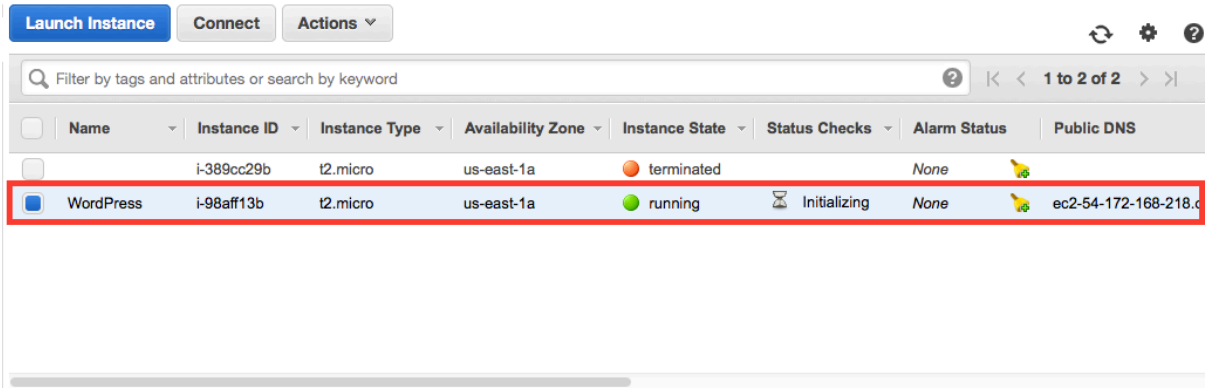
5. You can review your instance configurations, then click **Launch** when you're ready to start your Amazon EC2 instance running WordPress.



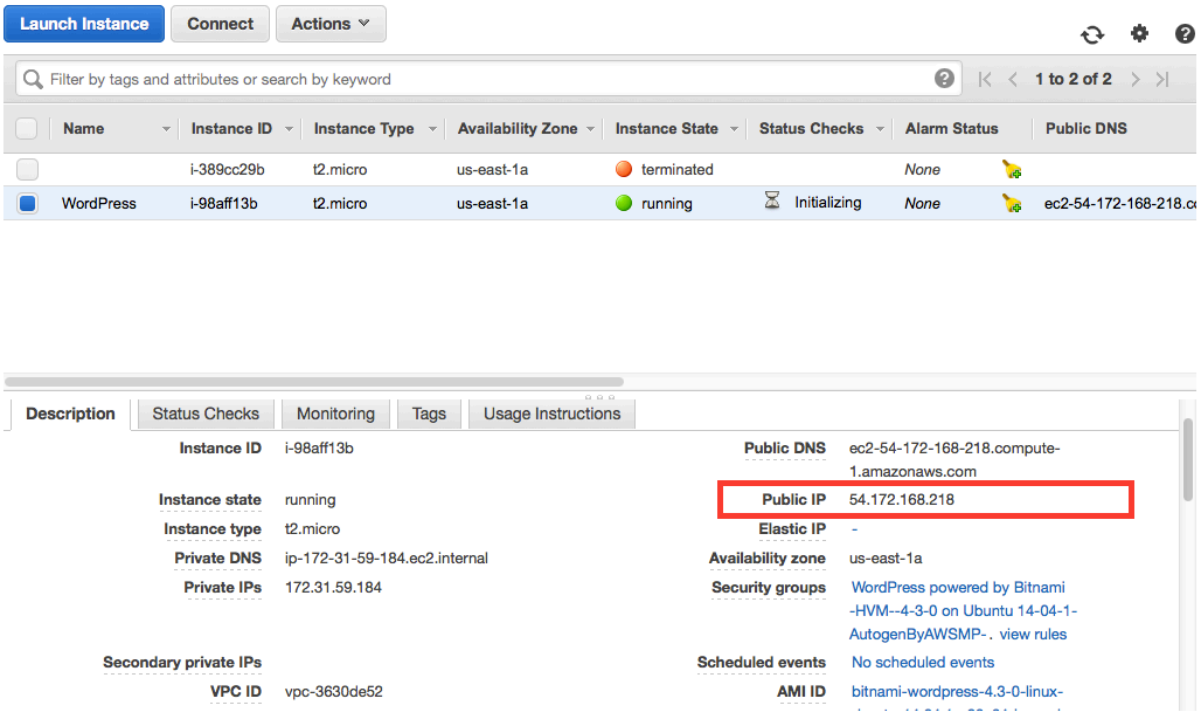
6. The next screen deals with key-pairs. Key-pairs are how you can connect to your EC2 instances via a terminal program using Secure Shell (SSH). Select **Proceed without a key pair**, and check the box acknowledging that you know you need this key to access your EC2 instance.

Click **Launch Instances** to launch your instance. Be aware that starting the instance up may take a few minutes.

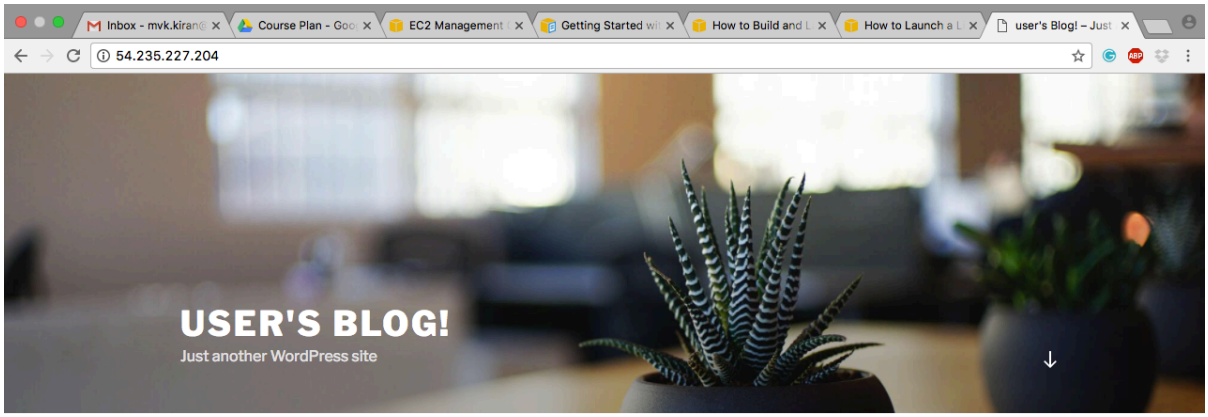
7. Click View *Instances* on the bottom right of the page (you may need to scroll down to see it). Then select the **WordPress** instance, make sure the *Instance State* says *running*. If Instance State says *launching* then AWS is still preparing your WordPress instance.

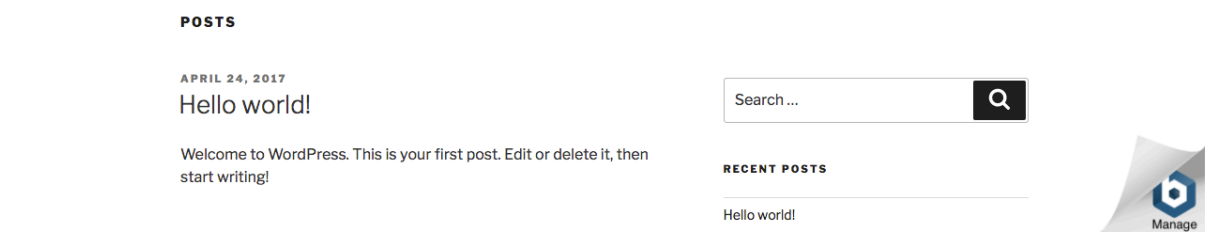


8. Once your instance is running, you can now test your WordPress website. Find the **Public IP** for your instance at the bottom of this page.



9. Copy the Public IP into a new tab in your web browser, and you should see a **Hello World** blog page appear.

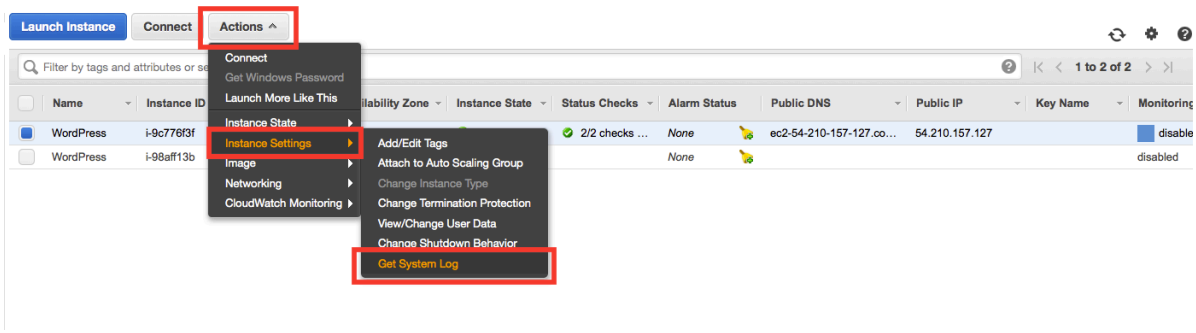




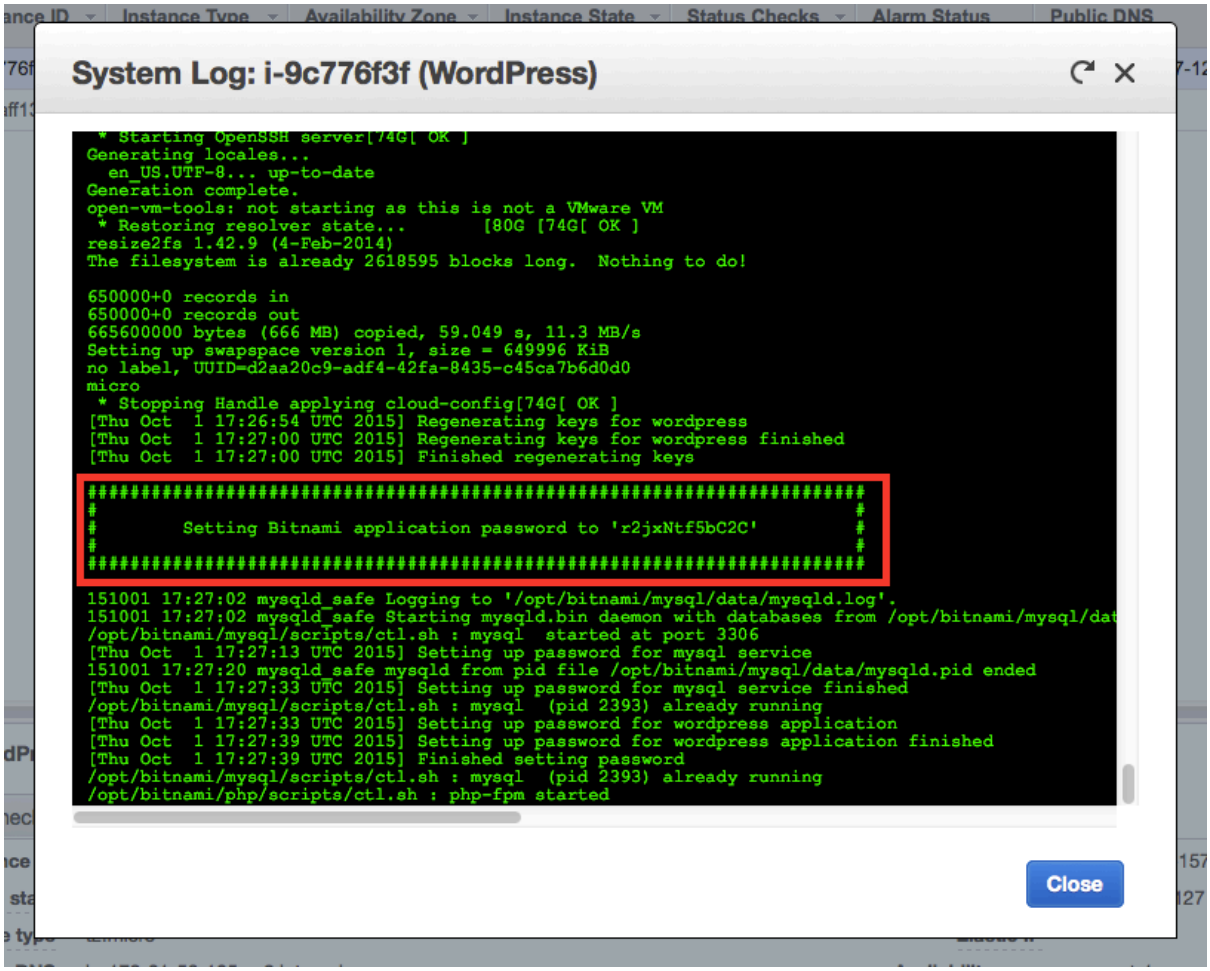
Step 3: Make Changes to Your Website

log into its administration page so you can customize your site. To find your password, please follow the steps below:

1. Switch back to your EC2 management console in your web browser. Select **WordPress** instance, and click the **Actions** button. In the drop down menu, select **Instance Setting**, and choose **Get System Log**.

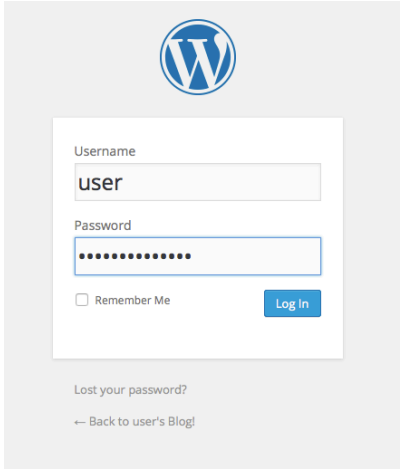


2. In the system log window, scroll through to the bottom to find the *password* that's surrounded by hash marks.



3. Now that you have your password, switch back to the tab that you used to access the WordPress **Hello World** page. Add **/admin** to the end of the URL so it looks something like **54.192.32.144/admin (your publicIP/admin)**. Hit **enter.**

Enter the Username **user** and the Password that you read from the log file.



Register a Domain Name

Registering a domain name for your website makes it easy for the users to access your website, as everybody cannot remember the public IP of your website.

This can be done if you have bought a domain name.
Example you can buy any domain from Godaddy and link the domain to your site by providing the DNS records.

Do this on your own if you are interested to host your website.

Instructions are available at:

https://aws.amazon.com/getting-started/tutorials/get-a-domain/