Amazon Lightsail Project:

AWS Project: Deploy a WordPress website with Amazon Lightsail.

-WordPress website with Amazon Lightsail:

Amazon Lightsail service provides easy-to-use and simplified cloud resources to get your web application or websites up and running in just a few clicks. It offers virtual servers, storage, databases, and networking, plus a cost-effective monthly plan for using the service. With Lightsail, we can easily spin up websites or applications on a Virtual Private server using pre-configured blueprints like WordPress, Prestashop, or LAMP.

Problem Statement:

A customer wanted to simplify the process that takes to host a WordPress website on AWS, which would allow her to connect with audiences around the globe. Also, the customer didn't want to pay a lot for the services.

Solution Statement:

The best option for the customer was to create her WordPress website with Amazon Lightsail because Lightsail provides easy to use method to get a web application or website up and running in just a few clicks. Most importantly, Amazon Lightsail has a cost-effective monthly plan for services that run the website.

In this project, I am going to launch a WordPress website with Lightsail and provide a static IP address to the instance. Also, I am going to create a DNS zone for the site domain and map it to the instance for easy access.

Creating the instance and selecting the AWS region

Selecting the platform for the WordPress to build the website

Select a platform

Linux/Unix 26 blueprints

Microsoft Windows 4 blueprints

Select a blueprint

Apps + OS   OS Only

WordPress 6.1.1-13

WordPress Multisite 6.1.1-13

Node.js 16.18.1-10

Joomla 3.10.11-17

Selecting the instance price options

Choose your instance plan ?

New! Check out our new 16 GB and 32 GB RAM bundles!

Sort by: **Price per month** Memory Processing Storage Transfer

First 3 months free!	First 3 months free!	First 3 months free!		
$3.5 USD	**$5** USD	**$10** USD	**$20** USD	**$40** USD
$3.50 USD	$5 USD	$10 USD	$20 USD	$40 USD
512 MB	1 GB	2 GB	4 GB	8 GB
1 vCPU	1 vCPU	1 vCPU	2 vCPUs	2 vCPUs
20 GB SSD	40 GB SSD	60 GB SSD	80 GB SSD	160 GB SSD
1 TB	2 TB	3 TB	4 TB	5 TB

The Website Instance

Creating a static IP address for the instance
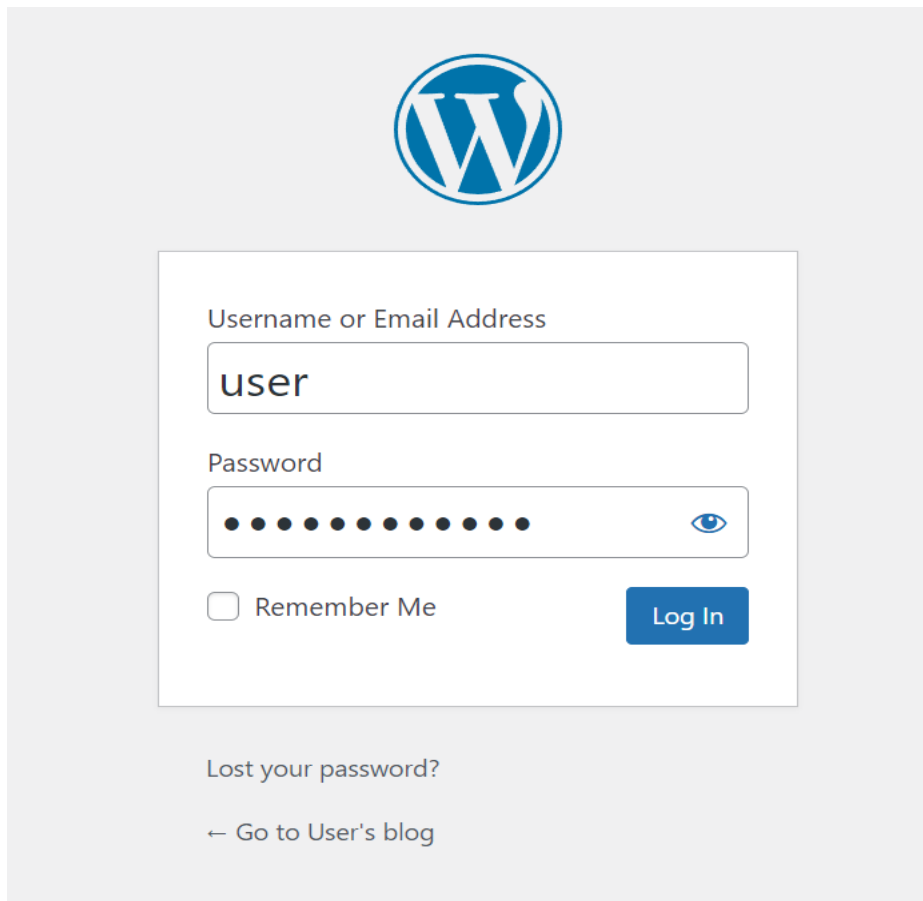
Login into the WordPress site

Displaying one of the WordPress page
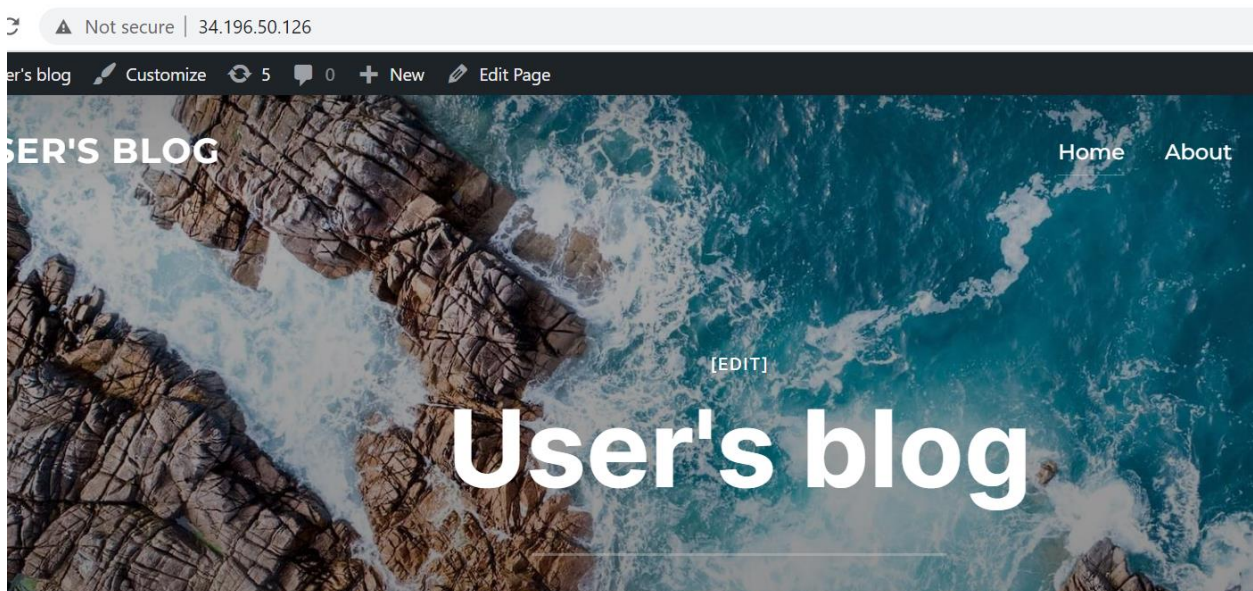
I created a DNS zone for the site and used Route 53 to manage the DNS records.