

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









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Create an instance

Select your instance location

Select a Region

The closer your instance is to your users, the less latency they will experience.
[Learn more about Regions](#)

 Ohio us-east-2	 Virginia us-east-1	 Montreal ca-central-1	 Oregon us-west-2
 Ireland eu-west-1	 London eu-west-2	 Paris eu-west-3	 Frankfurt eu-central-1

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!

\$3.5

USD

First 3 months free!

\$5

USD

First 3 months free!

\$10

USD

\$20

USD


\$40

USD

\$3.50 USD	\$5 USD	\$10 USD	\$20 USD	\$40 USD	F
512 MB	1 GB	2 GB	4 GB	8 GB	M
1 vCPU	1 vCPU	1 vCPU	2 vCPUs	2 vCPUs	F
20 GB SSD	40 GB SSD	60 GB SSD	80 GB SSD	160 GB SSD	S
1 TB	2 TB	3 TB	4 TB	5 TB	T



The Website Instance



WordPress-01

512 MB RAM, 1 vCPU, 20 GB SSD

Running

52.90.118.132
2600:1f10:47fb:1500:88e:b927:cee5:66a8
Virginia, Zone A

Creating a static IP address for the instance

Static IP created

StaticIp-1 has been created and attached to **WordPress-01**.

Continue

IPv4 n

The public address is

PUBLIC IP

34.196.50.126

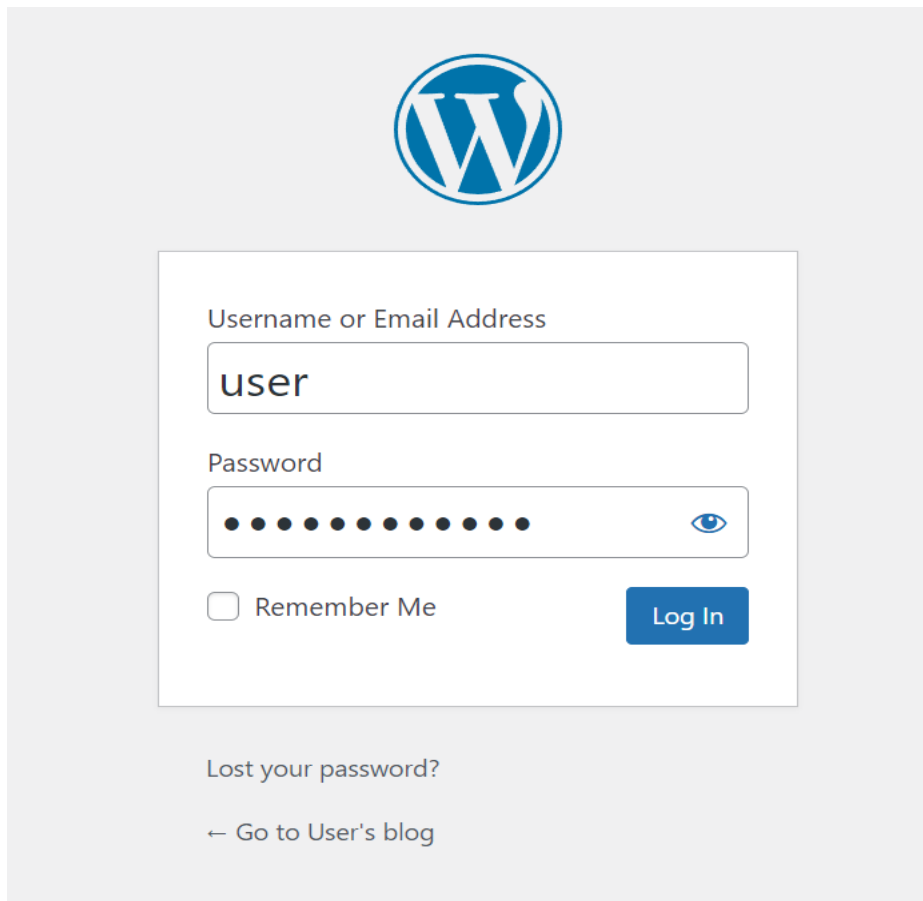
StaticIp-1

PRIVATE IP

172.26.4.141

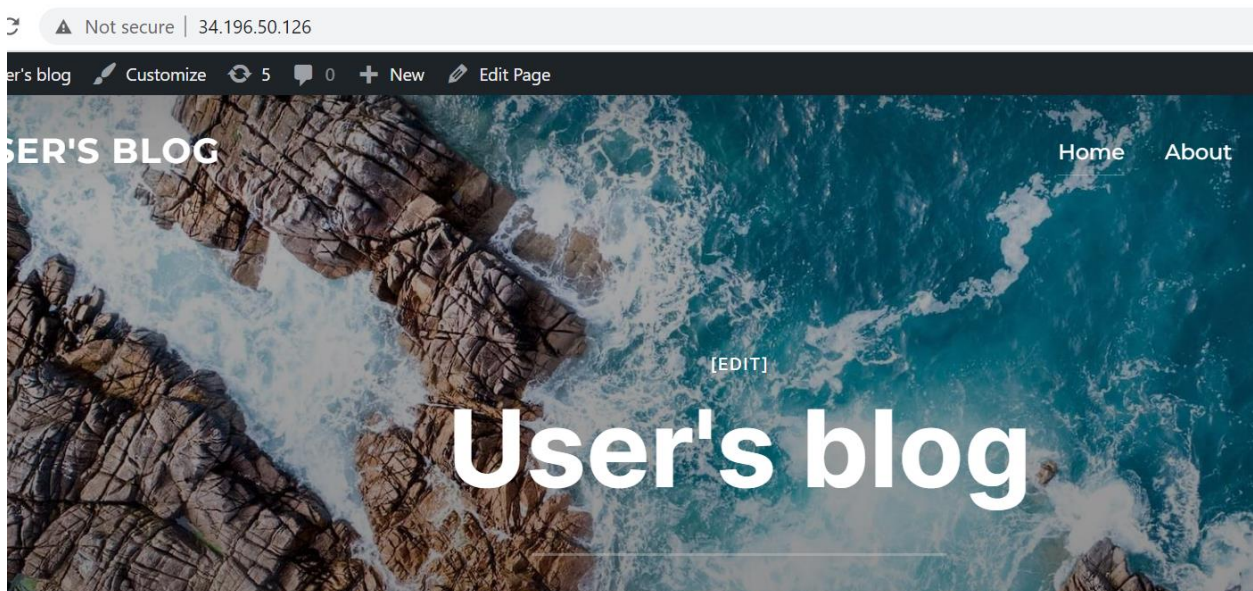
What is this for?

Login into the WordPress site



The image shows the WordPress login interface. At the top center is the WordPress logo, a blue circle with a white 'W'. Below it is a white rectangular box containing the login fields. The first field is labeled 'Username or Email Address' and contains the text 'user'. The second field is labeled 'Password' and contains a series of black dots, with an eye icon to its right for toggling visibility. Below the password field is a checkbox labeled 'Remember Me'. To the right of the checkbox is a blue button labeled 'Log In'. Below the login box, there is a link 'Lost your password?' and a link '← Go to User's blog'.

Displaying one of the WordPress page



I created a DNS zone for the site and used Route 53 to manage the DNS records.