

Deploying a WordPress Blog on AWS Lightsail

1. Go to **AWS Console** → search for AWS Light-sail
2. Click **Create instance**

The screenshot shows the AWS Lightsail home interface. On the left, there's a sidebar with links for Instances, Containers, Databases, Networking, Storage, Domains & DNS, Snapshots, Exports, Alarm notifications, Documentation, and a link to get the mobile app. The main area has a friendly cartoon illustration of a character with a speech bubble saying "Good afternoon". Below it, a message says "You have no instances" with a subtext "Create an instance to get started with Lightsail". A prominent orange "Create instance" button is centered. To the right, there's a "Learn more about instances" link. The top navigation bar includes "Amazon Lightsail", a search bar, "Home", "Lightsail for Research", and a user profile section.

3. Choose Instance Location
4. Choose Instance Image (WordPress)

This screenshot shows the "Create instance" configuration page. At the top, it displays the instance location as "Mumbai, Zone A (ap-south-1a)" and provides a link to "Change AWS Region and Availability Zone". Below this, the "Pick your instance image" section is shown, with a note that the image determines the operating system and included applications. It offers two platform options: "Linux/Unix" (selected) and "Microsoft Windows". Under "Select a blueprint", there are two tabs: "Apps + OS" (selected) and "Operating System (OS) only". The "Apps + OS" tab is currently active, showing several blueprint options: "WordPress 6.8.1 Bitnami" (selected), "WordPress Multisite 6.8.1 Bitnami", "LAMP (PHP 8) 8.3.23 Bitnami", "Node.js 22.18.0 Bitnami", "Node.js 22.18.0 Lightsail", "Joomla 5.3.2 Bitnami", "Magento 2.4.8 Bitnami", and "MEAN 7.0.22 Bitnami". The bottom of the page includes standard AWS navigation links like CloudShell, Support, and Feedback, along with copyright and legal links.

5. Choose Instance Plan

The screenshot shows the 'Choose your instance plan' section of the Amazon Lightsail interface. It includes a search bar, navigation links (Home, Lightsail for Research), and user info (vishnucharan). A note states: 'The selected blueprint isn't compatible with an IPv6-only instance plan. Learn more about instance blueprint offerings.' Below, there are two tabs: 'Dual-stack' (selected) and 'IPv6-only'. Under 'Select a size', instances are sorted by price per month. Four plans are listed:

Plan	Price	USD per month	Memory	Processor	Storage	Transfer
\$5	\$5	USD per month	512 MB	2 vCPUs	20 GB SSD	512 GB Transfer First 90 days free
\$7	\$7	USD per month	1 GB	2 vCPUs	40 GB SSD	1 TB Transfer First 90 days free
\$12	\$12	USD per month	2 GB	2 vCPUs	60 GB SSD	1.5 TB Transfer First 90 days free
\$24	\$24	USD per month	4 GB	2 vCPUs	80 GB SSD	2 TB Transfer First 90 days free

6. Name & Create the Instance

The screenshot shows the 'Identify your instance' step. It includes a note: 'Plans in Mumbai include lower data transfer allowances than other Regions. Learn more about how data transfer allowances vary by Region.' The 'Instance name' field contains 'mywordpresswebsite'. Below it, 'Tagging options - optional' allows adding new tags, with a note: 'You can add up to 50 tags.' A link to the AWS Customer Agreement is provided. At the bottom right is a 'Create instance' button.

Our Word press Light Sail instance has been created.

The screenshot shows the Amazon Lightsail Instances page. On the left, there's a sidebar with navigation links like Instances, Containers, Databases, Networking, Storage, Domains & DNS, Snapshots, Exports, Alarm notifications, and Documentation. Below the sidebar are links for 'Get the mobile app', 'CloudShell', 'Support', and 'Feedback'. The main content area has a heading 'Good afternoon' and a search bar 'Search documentation'. It displays a list of instances, with one instance named 'mywordpresswebsite' highlighted. This instance is described as 'Running' with '512 MB RAM, 2 vCPUs, 20 GB SSD' and 'General purpose'. Its IP address is 13.201.87.5, and its public DNS is 2406:da1a:10e:5800:da3b:e43b:9c6:30a0, located in Mumbai, Zone A. There are buttons for 'Create instance' and 'Edit'. At the bottom right, there are links for 'Privacy', 'Terms', and '© 2025, Amazon Web Services, Inc. or its affiliates.'

The screenshot shows a web browser window with the URL 13.201.87.5. The title bar says 'User's blog'. The page content is a WordPress blog post titled 'Blog'. The post content reads: 'Hello world! Welcome to WordPress. This is your first post. Edit or delete it, then start writing! December 22, 2025'. There is also a 'Sample Page' link at the top right of the browser window.

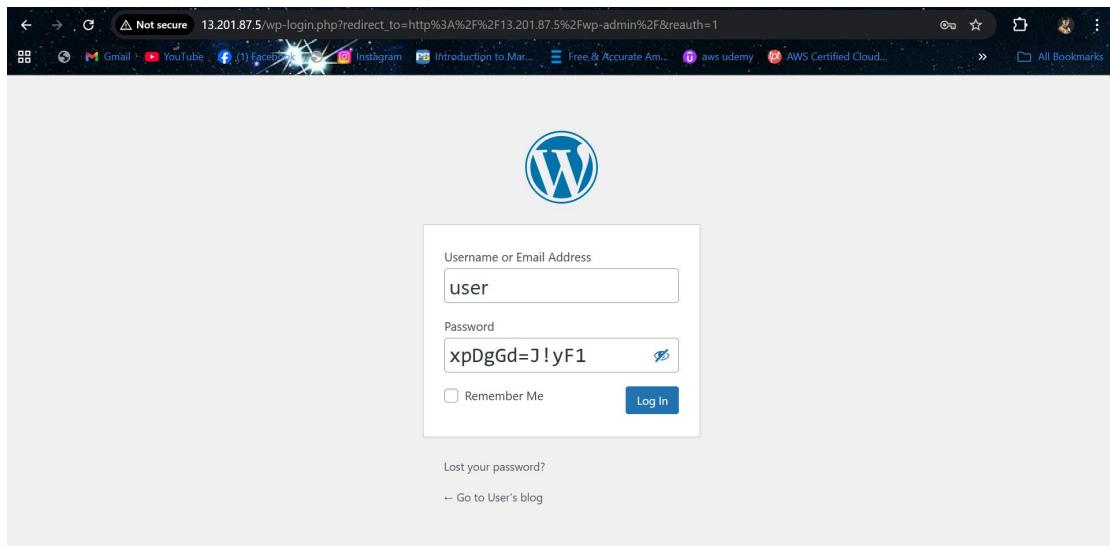
7. Click Connect using SSH (browser-based) and type the below command for password

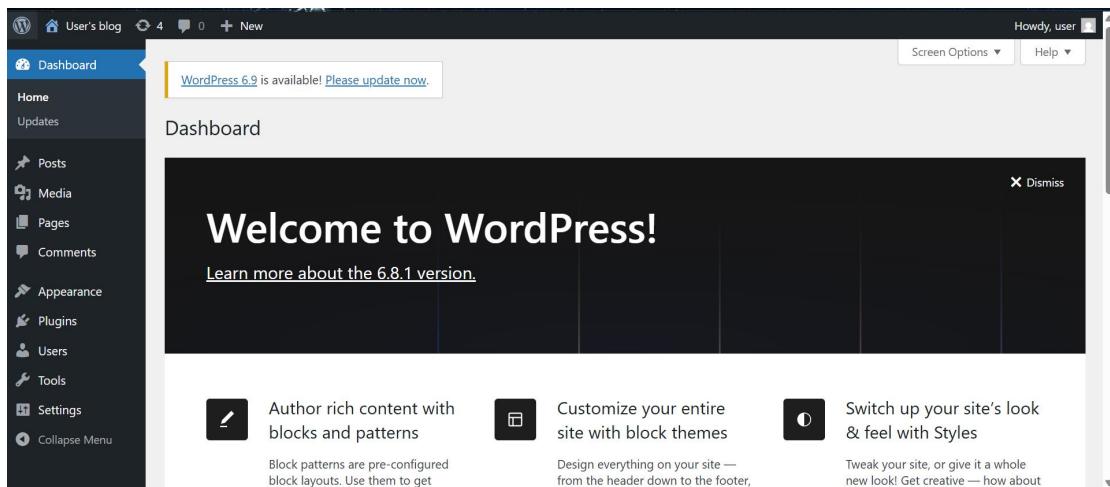
```
Linux ip-172-26-3-155 6.1.0-37-cloud-amd64 #1 SMP PREEMPT_DYNAMIC Debian 6.1.140-1 (2025-05-22) x86_64
The programs included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.

[...]
*** Welcome to the Bitnami package for WordPress 6.8.1
*** Documentation: https://docs.bitnami.com/aws/apps/wordpress/
*** https://docs.bitnami.com/aws/
*** Bitnami Forums: https://github.com/bitnami/vms/
bitnami@ip-172-26-3-155:~$ cat bitnami_application_password
xpDgGd=J!yF1
bitnami@ip-172-26-3-155:~$
```

8. Browse <http://13.201.87.5/wp-admin> to get login page



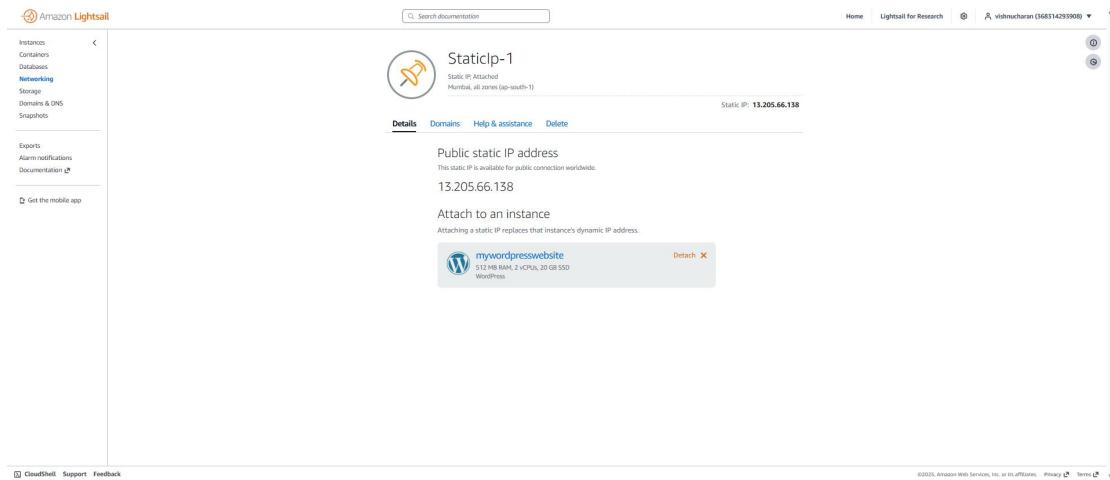


9. Go to Light sail → Networking

10. Create Static IP so that the public IP will not change when we reboot or stop the instance.

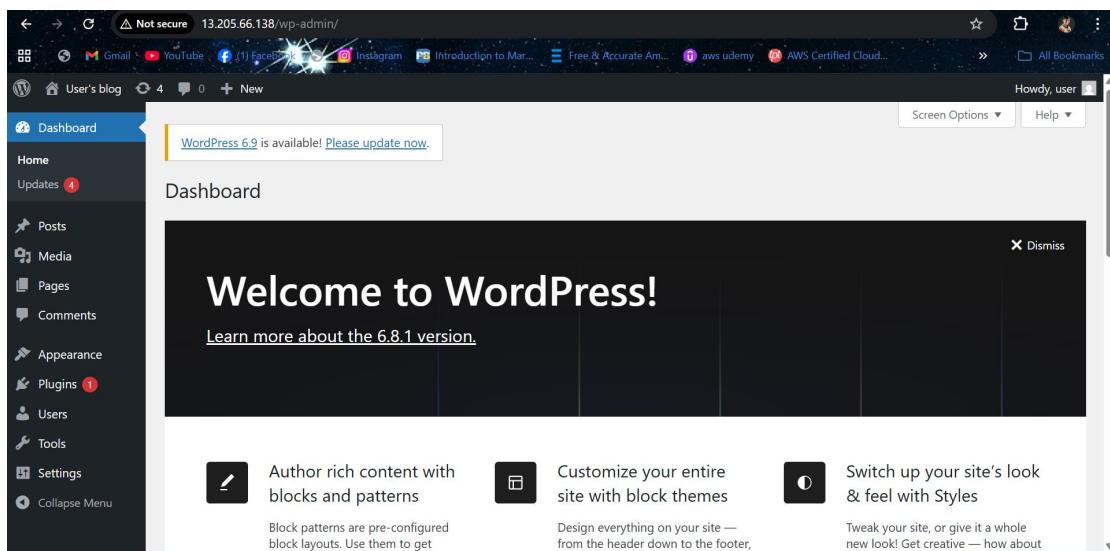
11. Attach it to your instance

12. Use this IP for our site



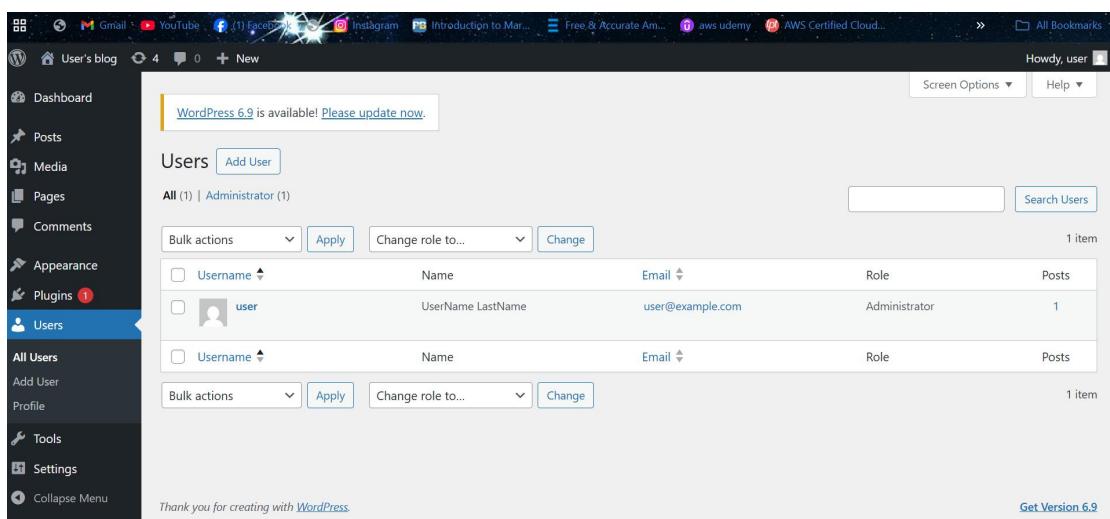
The screenshot shows the Amazon Lightsail interface. On the left, a sidebar lists services like Instances, Containers, Databases, Networking, Storage, Domains & DNS, and Snapshots. Below this are links for Experts, Alarm notifications, and Documentation. A "Get the mobile app" button is also present. The main content area shows a static IP named "StaticIp-1" attached to an instance. The instance details show a public static IP address of 13.205.66.138. A "mywordpresswebsite" instance is attached to this static IP. At the bottom, there are links for CloudShell, Support, and Feedback.

13. Now access the website using the static website.



The screenshot shows the WordPress dashboard. The left sidebar includes Home, Updates (4), Posts, Media, Pages, Comments, Appearance, Plugins (1), Users, Tools, and Settings. The main content area displays the "Welcome to WordPress!" screen with a "Learn more about the 6.8.1 version." link. Below it, three cards provide information: "Author rich content with blocks and patterns", "Customize your entire site with block themes", and "Switch up your site's look & feel with Styles". The top navigation bar shows the URL as 13.205.66.138/wp-admin/ and includes links for Gmail, YouTube, Facebook, Instagram, Introduction to Mar..., Free & Accurate Am..., aws udemy, AWS Certified Cloud..., All Bookmarks, Howdy, user, Screen Options, and Help.

14. Add users or change passwords in the user sections. Now the word press website is ready.



The screenshot shows the "Users" section of the WordPress dashboard. The left sidebar has "Users" selected. The main content area shows a table with one user entry: "user" (Administrator role, email user@example.com). There are "Bulk actions" and "Change role to..." buttons at the top of the table. The bottom of the page includes a "Thank you for creating with WordPress." message and a "Get Version 6.9" link. The top navigation bar is identical to the previous screenshot.

We can purchase a dedicated domain for our website from route53 and add a A record pointing to the static IP of our website and we can use our custom domain to access our word press website.