

## Lab29

### Configuring Wordpress blog using Lightsail

**Reference:** <https://aws.amazon.com/about-aws/whats-new/2016/11/introducing-amazon-lightsail/>

Lightsail is designed to be the easiest way to launch and manage a virtual private server with AWS. Lightsail plans include everything you need to jumpstart your project – a virtual machine, SSD-based storage, data transfer, DNS management, and a static IP – for a low, predictable price.

#### Fast & Easy

With Amazon Lightsail, you can deploy a virtual private server with just a few clicks using preconfigured templates for your favorite Linux distribution, application, or dev stack – including WordPress, Magento, LAMP, and more. Once your virtual private server is deployed, Lightsail's intuitive management console makes running your server and its associated services a breeze.

#### Built on the World's Leading Cloud

Lightsail virtual private servers run on the same highly available and reliable AWS cloud infrastructure used by millions of customers. This means that your app gets to use the same trusted and proven cloud infrastructure that powers companies like Netflix, AirBnB, General Electric, and Capital One.

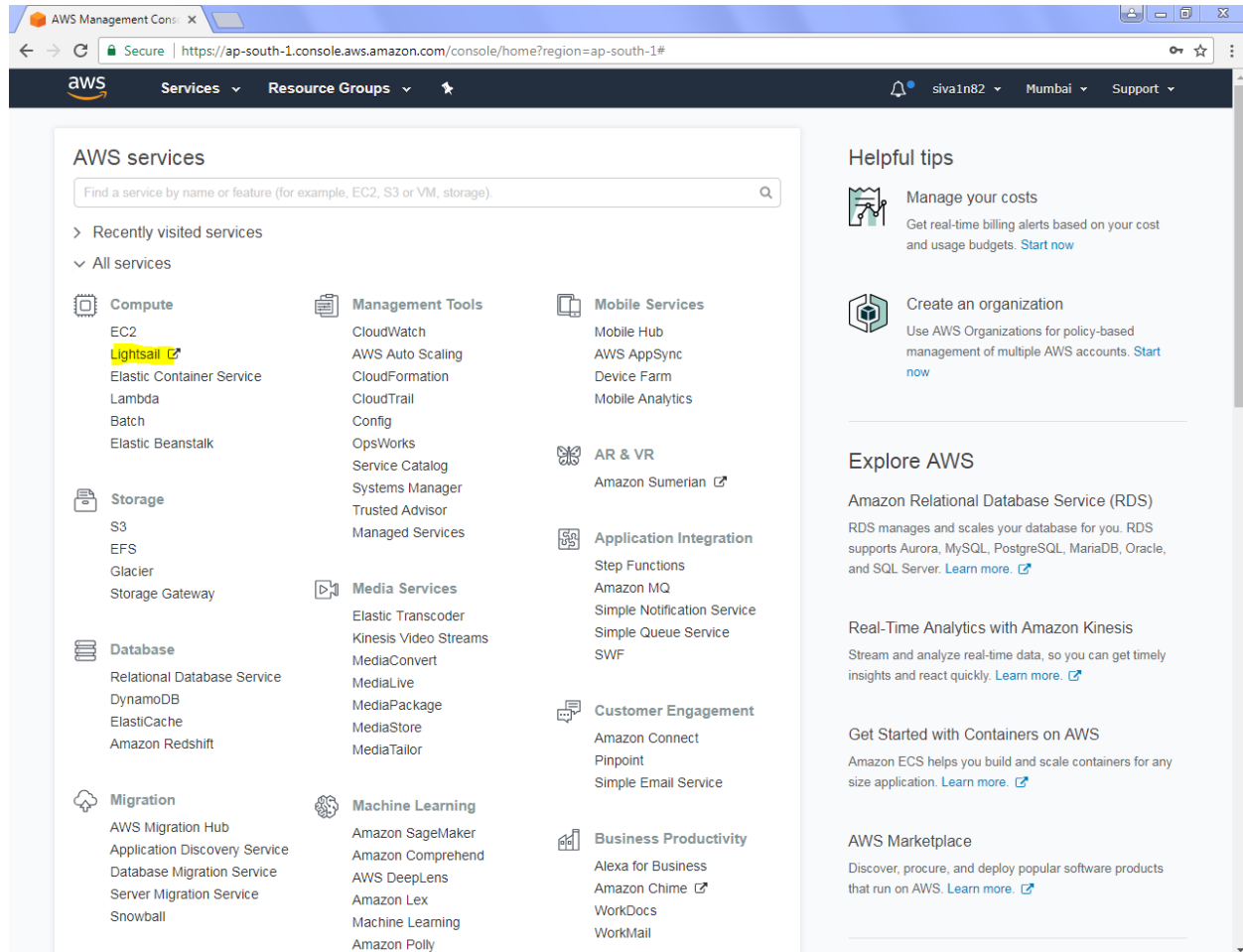
#### Grows with You

Lightsail allows you to grow and scale your applications over time. When your app needs advanced features like managed databases, content delivery network, or any of dozens of other features, you can connect these AWS services to your Lightsail-hosted application.

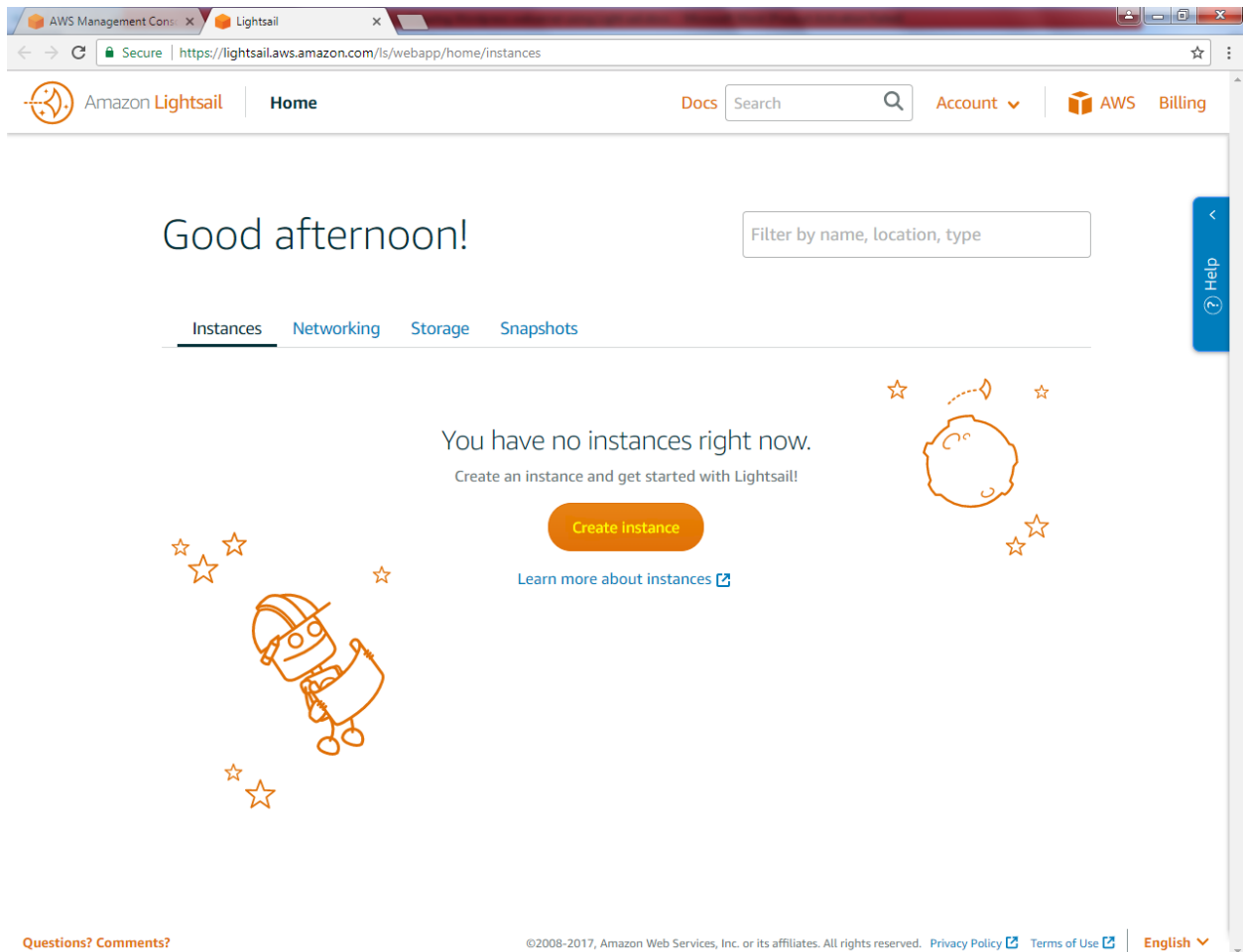
#### Low, Predictable Price

Lightsail offers bundled plans that include everything you need to deploy a virtual private server – including a virtual machine, storage, and networking – starting at a flat \$5 per month. As your needs grow, you can trade up to larger plans or add resources.

Click “Lightsail” service

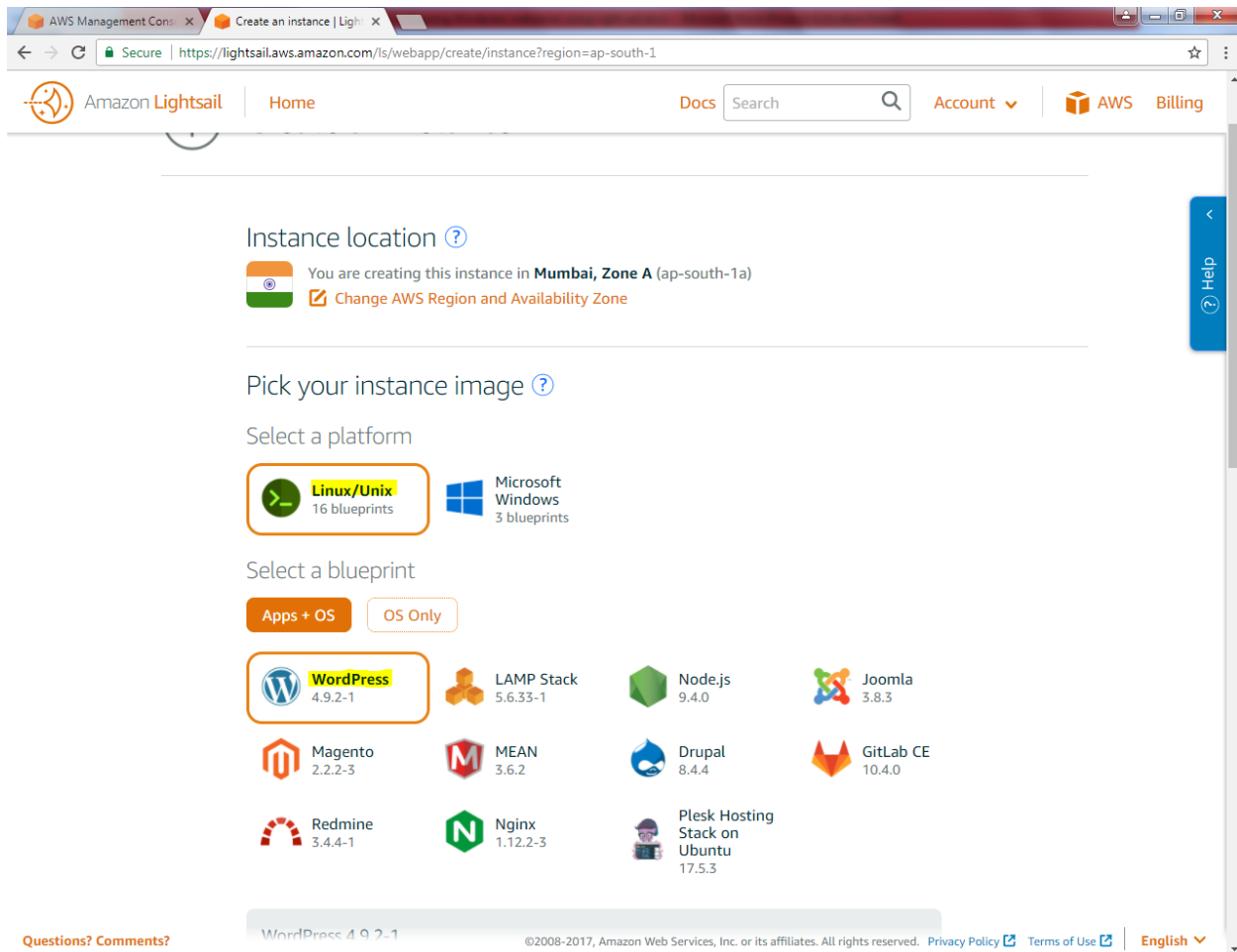


Click “Create Instance”.



You need to observe that Instance will be created in Mumbai region,

Select Linux and Select App + OS (Wordpress).



Then select change ssh key pair.

The screenshot shows the AWS Lightsail console interface for creating a new instance. The browser address bar shows the URL: <https://lightsail.aws.amazon.com/ls/webapp/create/instance?region=ap-south-1>. The page header includes the Amazon Lightsail logo, a 'Home' link, a 'Docs' search bar, and links for 'Account' and 'AWS Billing'. Below the header, there are three image thumbnails: 'Redmine 3.4.4-1', 'Nginx 1.12.2-3', and 'Plesk Hosting Stack on Ubuntu 17.5.3'. The main content area features a large card for 'WordPress 4.9.2-1'. This card contains a description of WordPress, a link to 'Learn more about WordPress on the AWS Marketplace', and a link to the 'End User License Agreement'. Below this card, there is an 'OPTIONAL' section with two links: '+ Add launch script' and 'Change SSH key pair' (the latter is highlighted in yellow). The 'Choose your instance plan' section displays five pricing options in circular graphics: \$5/month (0.01 USD/hour, 512 MB RAM), \$10/month (0.01 USD/hour, 1 GB RAM), \$20/month (0.03 USD/hour, 2 GB RAM), \$40/month (0.05 USD/hour, 4 GB RAM), and \$80/month (0.11 USD/hour, 8 GB RAM). The first option is marked 'First month free!'. At the bottom, there are links for 'Questions? Comments?', a copyright notice for 2008-2017, and links for 'Privacy Policy' and 'Terms of Use'. The language is set to 'English'.

WordPress 4.9.2-1

WordPress powered by Bitnami and sold by BitRock Inc. is a pre-configured, ready to run image for running WordPress on Amazon EC2. WordPress is one of the world's most popular web publishing platforms for building blogs and websites. It can be customized via a wide selection of themes, extensions and plug-ins.

Learn more about WordPress on the [AWS Marketplace](#).

By using this image, you agree to the provider's [End User License Agreement](#).

OPTIONAL

You can add a shell script that will run on your instance the first time it launches.

[+ Add launch script](#)

You are using the **default** SSH key pair for connecting to your instance.

[Change SSH key pair](#)

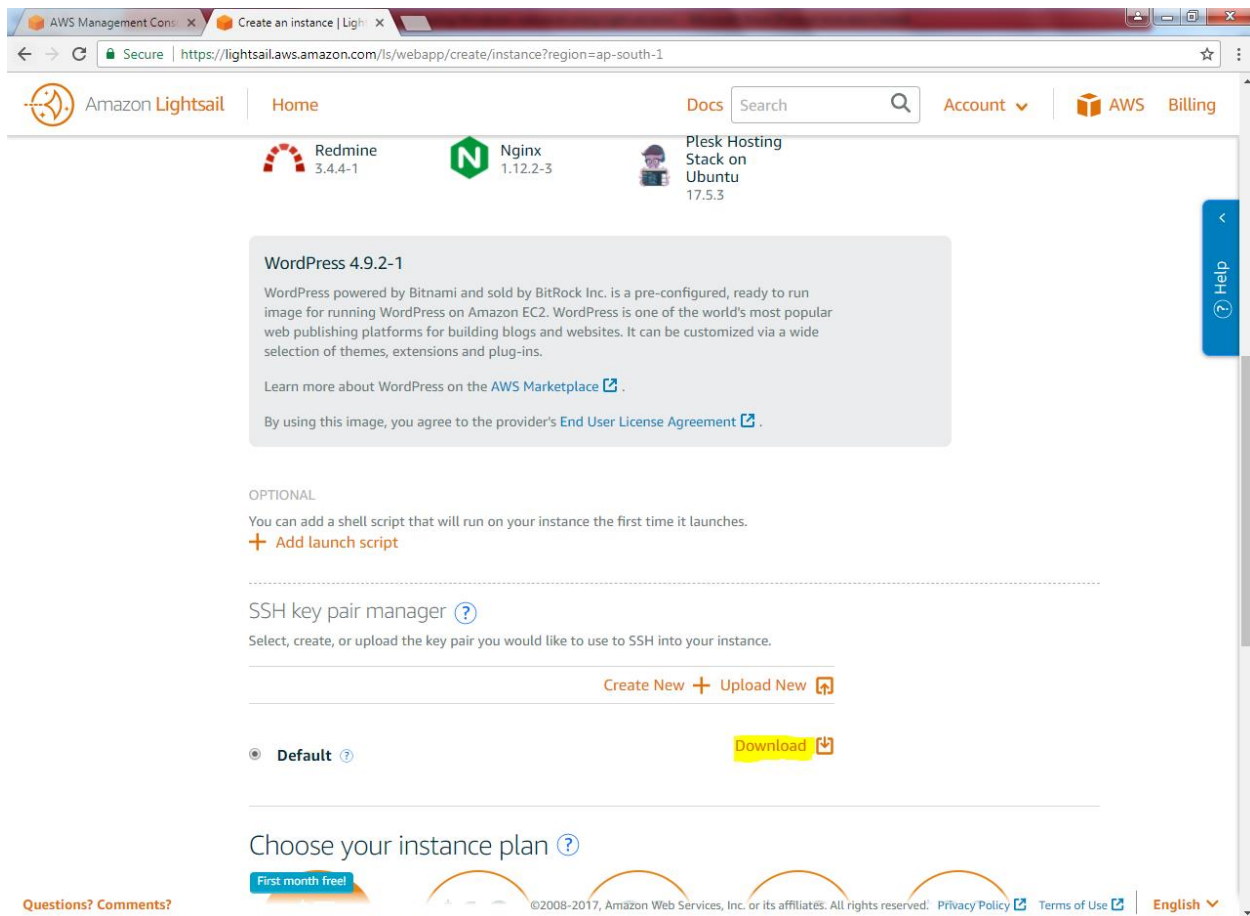
Choose your instance plan ?

First month free!					
\$5	\$10	\$20	\$40	\$80	
month USD	month USD	month USD	month USD	month USD	
0.01 USD/hour	0.01 USD/hour	0.03 USD/hour	0.05 USD/hour	0.11 USD/hour	
512 MB RAM	1 GB RAM	2 GB RAM	4 GB RAM	8 GB RAM	

Questions? Comments?

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Click "Download" to get the default key pair.



Select instance plan as 5\$ (First month free) and Type name of your instance as “Sansbound-Lightsail”.

The screenshot shows the AWS Lightsail 'Create an instance' page. The browser address bar shows the URL: <https://lightsail.aws.amazon.com/ls/webapp/create/instance?region=ap-south-1>. The page header includes the Amazon Lightsail logo, 'Home', 'Docs', 'Search', 'Account', 'AWS', and 'Billing' links. A 'Default' dropdown and a 'Download' button are also present.

**Choose your instance plan** ?

First month free!

Plan	Monthly Cost	Hourly Rate	RAM	vCPU	SSD	Data Transfer
\$5	\$5/month USD	0.01 USD/hour	512 MB	1 vCPU	20 GB	512 GB
\$10	\$10/month USD	0.01 USD/hour	1 GB	1 vCPU	30 GB	1 TB
\$20	\$20/month USD	0.03 USD/hour	2 GB	1 vCPU	40 GB	1.5 TB
\$40	\$40/month USD	0.05 USD/hour	4 GB	2 vCPUs	60 GB	2 TB
\$80	\$80/month USD	0.11 USD/hour	8 GB	2 vCPUs	80 GB	2.5 TB

You can try the selected plan free for one month (up to 750 hours).

**Plans in Mumbai include lower data transfer allowances than other regions.** [Learn more](#)

**Name your instance**

Your Lightsail resources must have unique names.

x

**Create**

Questions? Comments?

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Then click "Create".

Instance is getting created.

The screenshot displays the AWS Lightsail console interface. At the top, the navigation bar includes the Amazon Lightsail logo, a 'Home' link, a search bar, and links for 'Docs', 'Account', 'AWS', and 'Billing'. The main content area features a greeting 'Good afternoon!' and a filter input field labeled 'Filter by name, location, type'. Below this, there are tabs for 'Instances', 'Networking', 'Storage', and 'Snapshots', with 'Instances' being the active tab. A 'Sort by Date' dropdown is visible, and a 'Create instance' button is located on the right. The instance list shows one instance named 'Sansbound-Lightsail' with specifications '512 MB RAM, 1 vCPU, 20 GB SSD'. Its status is 'Pending', and its public IP address is '13.127.138.37' in the 'Mumbai, Zone A' region. A vertical 'Help' button is on the right side of the console. The footer contains copyright information, links for 'Privacy Policy' and 'Terms of Use', a language selector set to 'English', and a 'Show all' button for the instance list.

AWS Management Console | Instances | Lightsail

Secure | <https://lightsail.aws.amazon.com/ls/webapp/home/instances>

Amazon Lightsail | Home | Docs | Search | Account | AWS | Billing

Good afternoon!

Filter by name, location, type

Instances | Networking | Storage | Snapshots

Sort by Date | Create instance

Instance Name	Specifications	Status	Public IP	Location
Sansbound-Lightsail	512 MB RAM, 1 vCPU, 20 GB SSD	Pending	13.127.138.37	Mumbai, Zone A

Questions? Comments?

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LightsailDefaultPr...pem | Show all

Now instance is running, wait for some time get the web blog.



The screenshot shows the AWS Lightsail console interface. At the top, there's a navigation bar with the Amazon Lightsail logo, a search bar, and links for Docs, Account, AWS, and Billing. Below the navigation bar, a greeting "Good afternoon!" is displayed. A filter box allows filtering by name, location, or type. The main content area shows a list of instances under the "Instances" tab. A single instance, "Sansbound-Lightsail", is listed with a WordPress logo, 512 MB RAM, 1 vCPU, and 20 GB SSD. It is in a "Running" state with a public IP of 13.127.138.37 in Mumbai, Zone A. A "Create instance" button is visible. The footer contains copyright information and links for Privacy Policy, Terms of Use, and language selection (English).

Instance Name	RAM	vCPU	SSD	Status	Public IP	Location
Sansbound-Lightsail	512 MB	1	20 GB	Running	13.127.138.37	Mumbai, Zone A

Type 13.127.138.37 in your browser to get wordpress blog

