

**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.

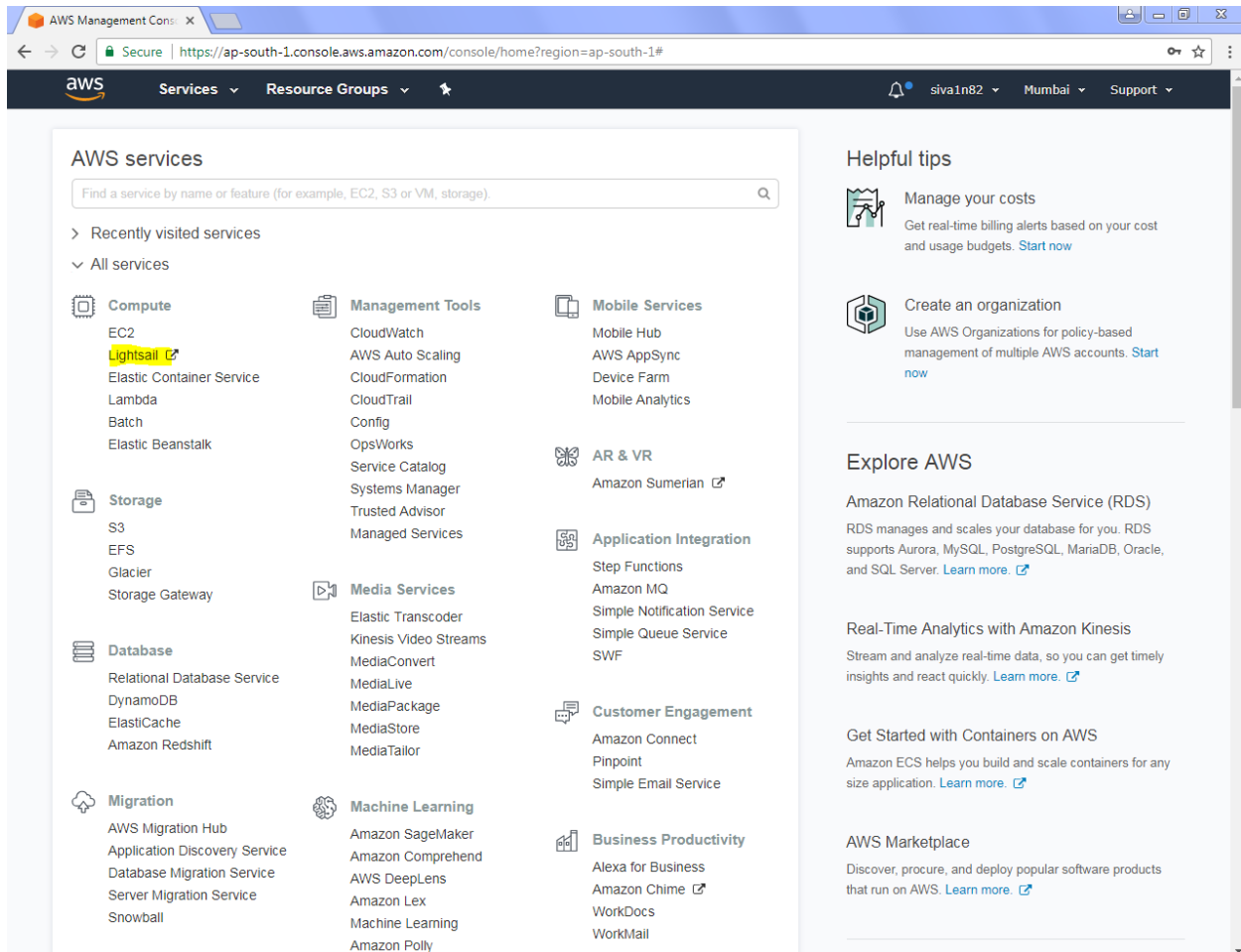
**Grows with You**

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



The screenshot shows the AWS Management Console interface. The top navigation bar includes the AWS logo, 'Services', 'Resource Groups', and a search icon. The main content area is titled 'AWS services' and features a search bar with the placeholder text 'Find a service by name or feature (for example, EC2, S3 or VM, storage)'. Below the search bar, there are sections for 'Recently visited services' and 'All services'. The 'All services' section is organized into categories: Compute, Storage, Database, Migration, Management Tools, Media Services, Machine Learning, Mobile Services, AR & VR, Application Integration, Customer Engagement, and Business Productivity. The 'Compute' category is expanded, and 'Lightsail' is highlighted with a yellow background. The right sidebar contains 'Helpful tips' and 'Explore AWS' sections, providing links to various AWS services and documentation.

**AWS services**

Find a service by name or feature (for example, EC2, S3 or VM, storage).

> Recently visited services

▼ All services

**Compute**

- EC2
- Lightsail**
- Elastic Container Service
- Lambda
- Batch
- Elastic Beanstalk

**Storage**

- S3
- EFS
- Glacier
- Storage Gateway

**Database**

- Relational Database Service
- DynamoDB
- ElastiCache
- Amazon Redshift

**Migration**

- AWS Migration Hub
- Application Discovery Service
- Database Migration Service
- Server Migration Service
- Snowball

**Management Tools**

- CloudWatch
- AWS Auto Scaling
- CloudFormation
- CloudTrail
- Config
- OpsWorks
- Service Catalog
- Systems Manager
- Trusted Advisor
- Managed Services

**Media Services**

- Elastic Transcoder
- Kinesis Video Streams
- MediaConvert
- MediaLive
- MediaPackage
- MediaStore
- MediaTailor

**Machine Learning**

- Amazon SageMaker
- Amazon Comprehend
- AWS DeepLens
- Amazon Lex
- Machine Learning
- Amazon Polly

**Mobile Services**

- Mobile Hub
- AWS AppSync
- Device Farm
- Mobile Analytics

**AR & VR**

- Amazon Sumerian

**Application Integration**

- Step Functions
- Amazon MQ
- Simple Notification Service
- Simple Queue Service
- SWF

**Customer Engagement**

- Amazon Connect
- Pinpoint
- Simple Email Service

**Business Productivity**

- Alexa for Business
- Amazon Chime
- WorkDocs
- WorkMail

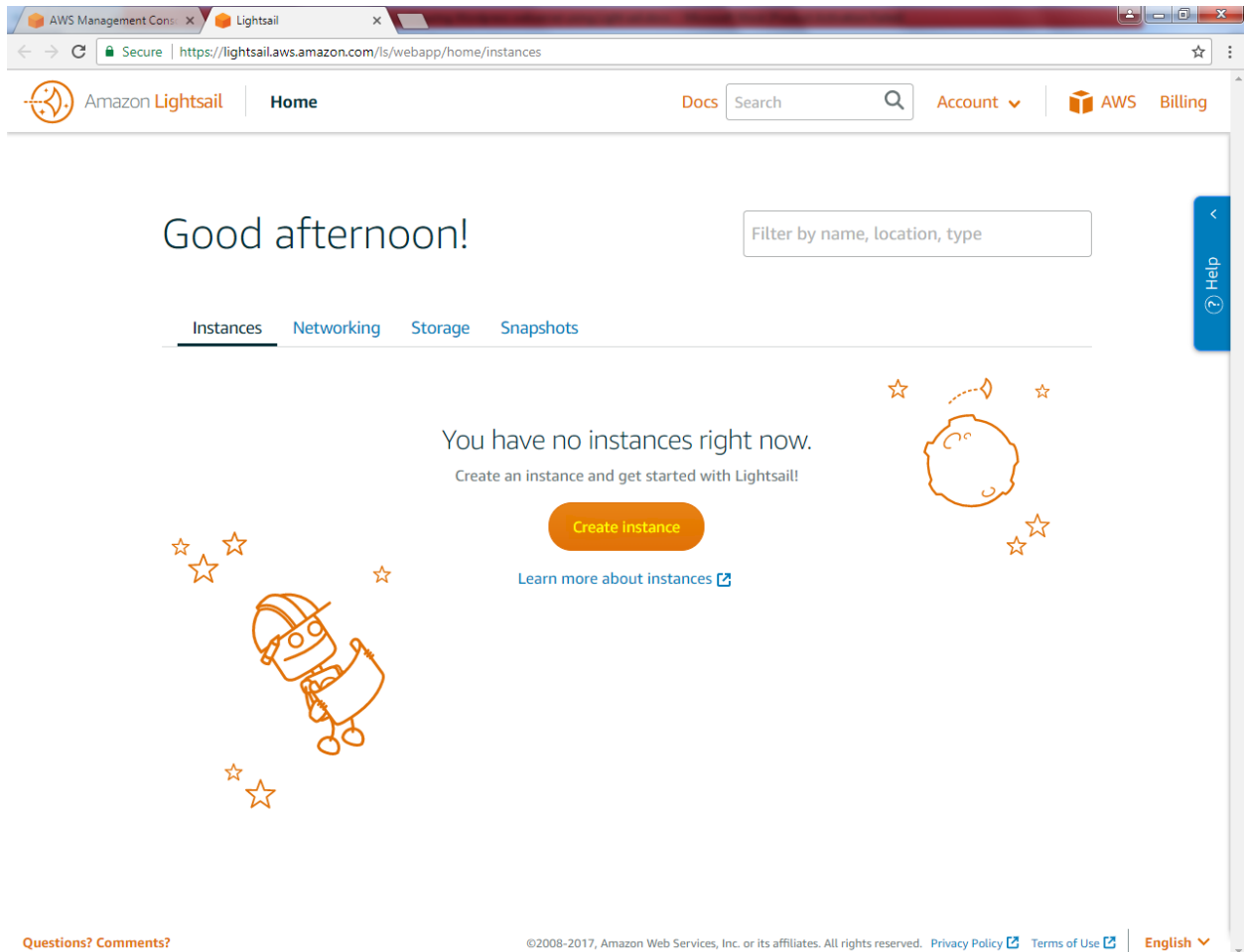
**Helpful tips**

- Manage your costs**  
Get real-time billing alerts based on your cost and usage budgets. [Start now](#)
- Create an organization**  
Use AWS Organizations for policy-based management of multiple AWS accounts. [Start now](#)

**Explore AWS**

- Amazon Relational Database Service (RDS)**  
RDS manages and scales your database for you. RDS supports Aurora, MySQL, PostgreSQL, MariaDB, Oracle, and SQL Server. [Learn more](#)
- Real-Time Analytics with Amazon Kinesis**  
Stream and analyze real-time data, so you can get timely insights and react quickly. [Learn more](#)
- Get Started with Containers on AWS**  
Amazon ECS helps you build and scale containers for any size application. [Learn more](#)
- AWS Marketplace**  
Discover, procure, and deploy popular software products that run on AWS. [Learn more](#)

Click “Create Instance”.



Good afternoon!

Filter by name, location, type

Instances Networking Storage Snapshots

You have no instances right now.  
Create an instance and get started with Lightsail!

[Create instance](#)

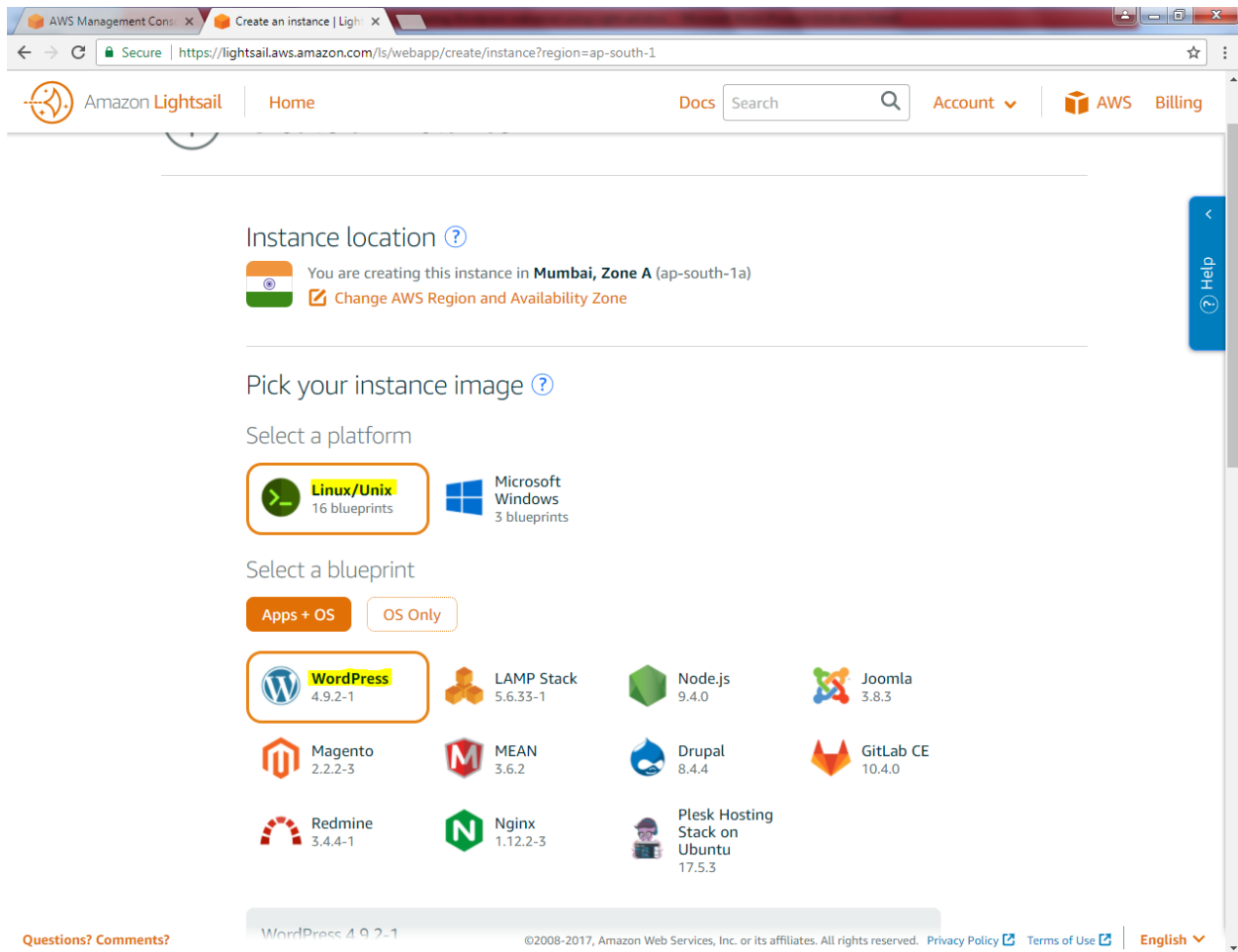
[Learn more about instances](#)

Questions? Comments?

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

Select Linux and Select App + OS (Wordpress).



Instance location ?  
You are creating this instance in **Mumbai, Zone A** (ap-south-1)  
[Change AWS Region and Availability Zone](#)

Pick your instance image ?

Select a platform

- Linux/Unix** 16 blueprints
- Microsoft Windows 3 blueprints

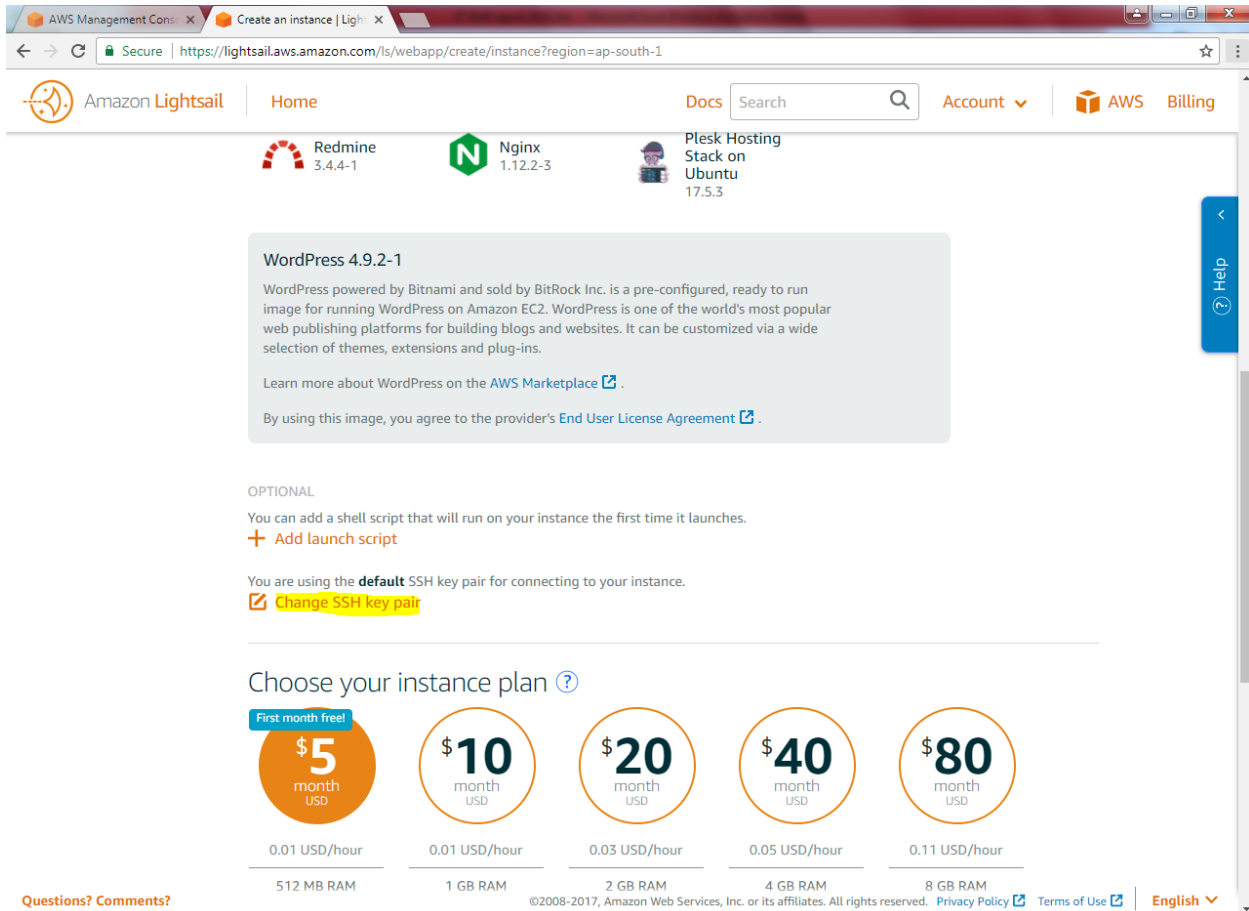
Select a blueprint

**Apps + OS** OS Only

- WordPress** 4.9.2-1
- LAMP Stack 5.6.33-1
- Node.js 9.4.0
- Joomla 3.8.3
- Magento 2.2.2-3
- MEAN 3.6.2
- Drupal 8.4.4
- GitLab CE 10.4.0
- Redmine 3.4.4-1
- Nginx 1.12.2-3
- Plesk Hosting Stack on Ubuntu 17.5.3

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Then select change ssh key pair.



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](#)

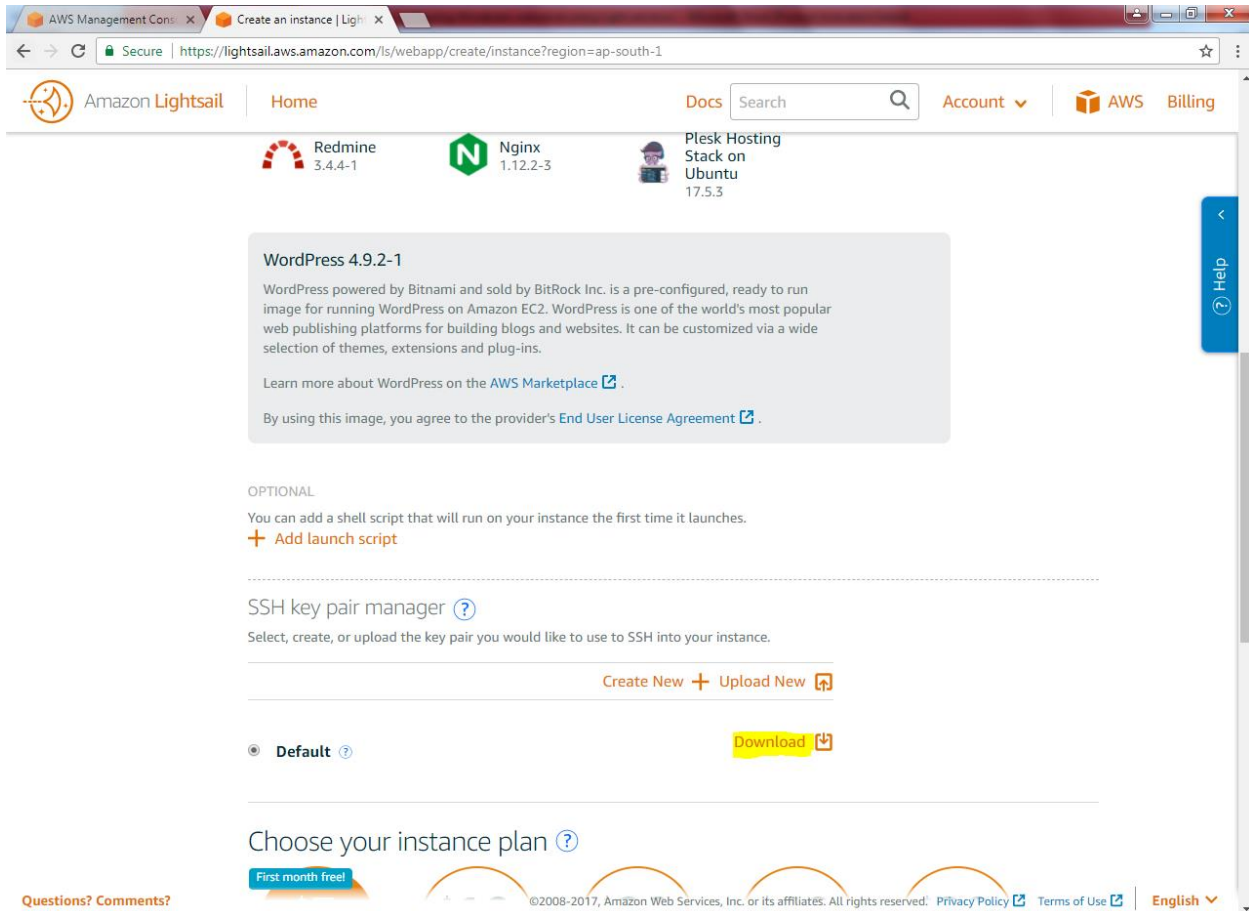
Choose your instance plan ?

First month free!					
<b>\$5</b> month USD	<b>\$10</b> month USD	<b>\$20</b> month USD	<b>\$40</b> month USD	<b>\$80</b> 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	

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Click “Download” to get the default key pair.



AWS Management Console | Create an instance | Lightsail

Secure | <https://lightsail.amazonaws.com/ls/webapp/create/instance?region=ap-south-1>

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

Redmine 3.4.4-1 | Nginx 1.12.2-3 | Plesk Hosting Stack on Ubuntu 17.5.3

### WordPress 4.9.2-1

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OPTIONAL

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

[+ Add launch script](#)

### SSH key pair manager

Select, create, or upload the key pair you would like to use to SSH into your instance.

Create New [+ Upload New](#)

☒ **Default** [?](#) [Download](#)

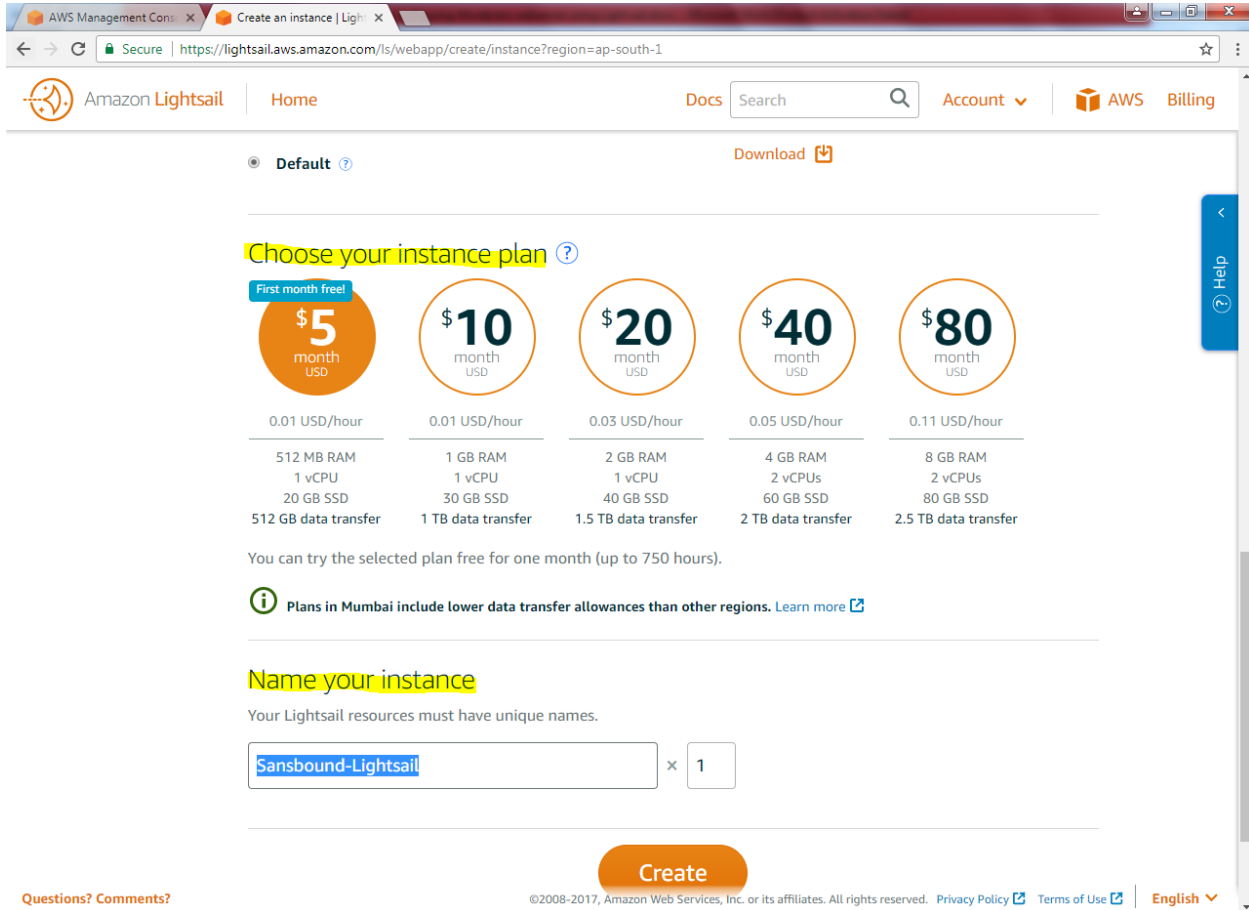
### Choose your instance plan

First month free!

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



Choose your instance plan ?

First month free	\$5/month USD	\$10/month USD	\$20/month USD	\$40/month USD	\$80/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 vCPU 20 GB SSD 512 GB data transfer	1 GB RAM 1 vCPU 30 GB SSD 1 TB data transfer	2 GB RAM 1 vCPU 40 GB SSD 1.5 TB data transfer	4 GB RAM 2 vCPUs 60 GB SSD 2 TB data transfer	8 GB RAM 2 vCPUs 80 GB SSD 2.5 TB data transfer	

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

**Name your instance**

Your Lightsail resources must have unique names.

× 1

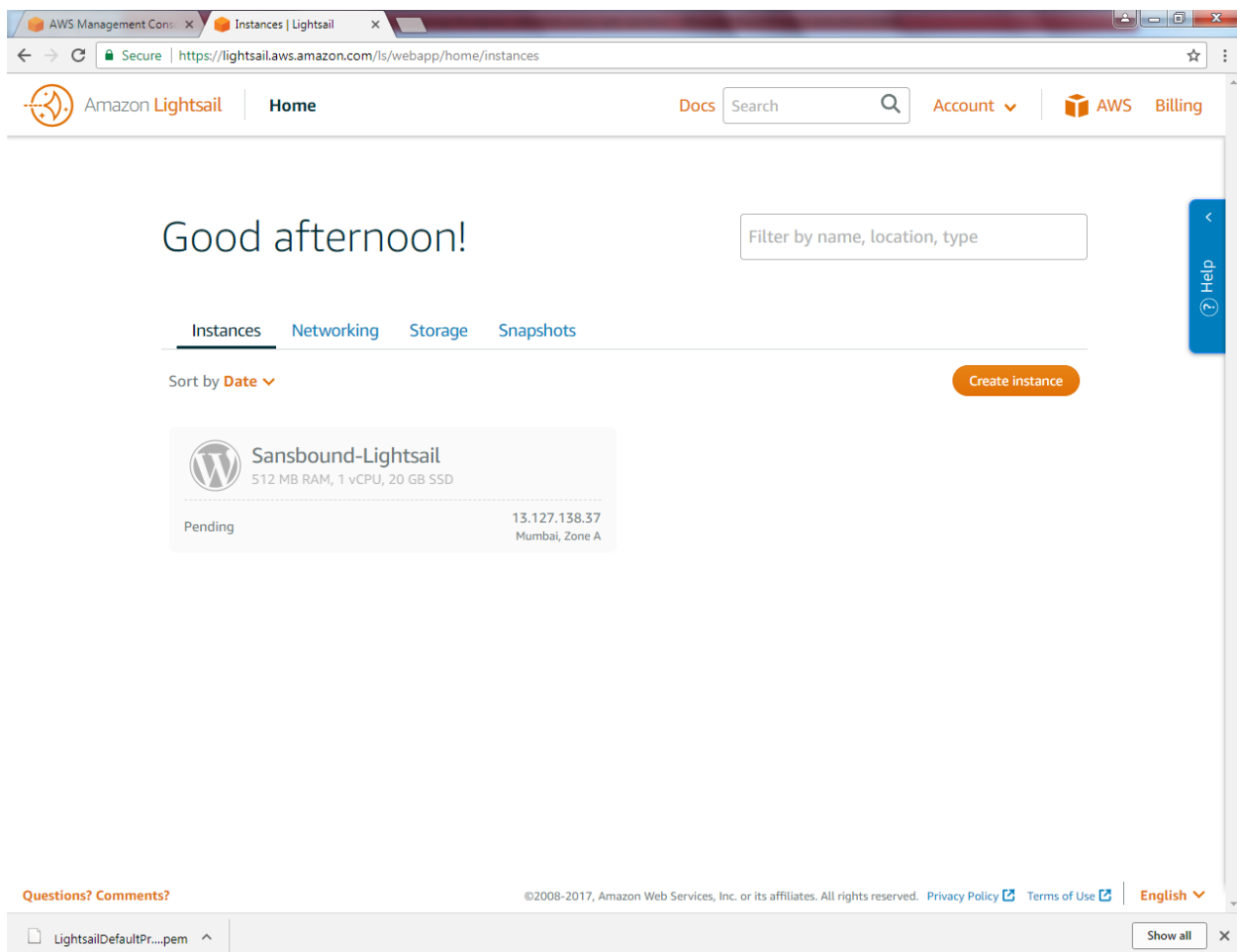
**Create**

Questions? Comments?

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Then click “Create”.

Instance is getting created.

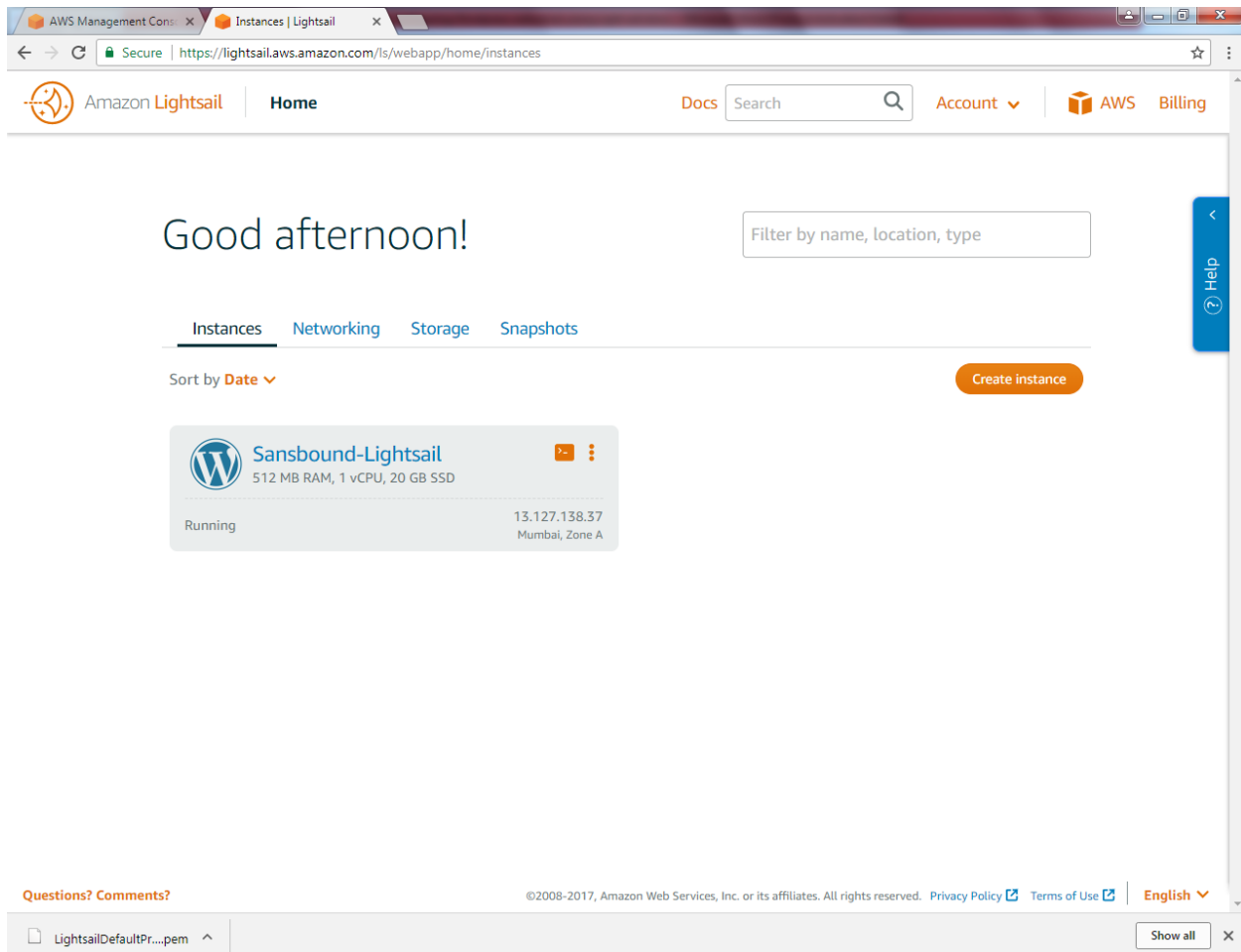


The screenshot shows the AWS Lightsail console interface. At the top, there's a navigation bar with the Amazon Lightsail logo, a search bar, and links for Docs, Account, AWS, and Billing. Below the navigation bar, a greeting "Good afternoon!" is displayed. A filter box allows filtering by name, location,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

Instance Name	Status	Public IP	Location
Sansbound-Lightsail	Pending	13.127.138.37	Mumbai, Zone A



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



The screenshot displays the Amazon Lightsail console interface. At the top, the navigation bar includes the Amazon Lightsail logo, a 'Home' link, and a search bar. Below the navigation bar, a greeting 'Good afternoon!' is shown. A filter box labeled 'Filter by name, location, type' is present. The main content area features tabs for 'Instances', 'Networking', 'Storage', and 'Snapshots'. Under the 'Instances' tab, there is a 'Sort by Date' dropdown and a 'Create instance' button. A single instance, 'Sansbound-Lightsail', is listed with a WordPress icon, 512 MB RAM, 1 vCPU, and 20 GB SSD. Its status is 'Running' and its public IP address is 13.127.138.37, located in Mumbai, Zone A. The footer contains copyright information for Amazon Web Services, Inc. (©2008-2017), links to Privacy Policy and Terms of Use, and a language selector set to English. A file named 'LightsailDefaultPr...pem' is visible in the bottom left corner.

Type 13.127.138.37 in your browser to get wordpress blog

