



AWS LightSail

What is LightSail ?



- You have an amazing idea, but then you are not equipped with all the knowledge and tools required to make it happen.
- Say suppose you are a blogger, and you want to start your own blogging venture. But when you start exploring, you get to know there is this thing called MySQL which has to be installed and configured with your WordPress, which has to be installed on a web server, which costs a fortune!
- Wait! You rented a server, good job!
- Cool, so you just have to configure it now. You start learning stuff, configuring WordPress, connecting it to MySQL, configuring the DNS, along the way you lose interest because what you actually wanted to do was blogging, and you got stuck with managing servers!
- But hey, cheer up! Our cloud computing leader is here to save you!
- They came up with a service called AWS Lightsail.



What is LightSail ?



Amazon Lightsail is the easiest way to get started with Amazon Web Services (AWS) if you just need **virtual private servers**.

Lightsail includes everything you need to launch your project quickly – a virtual machine, SSD-based storage, data transfer, DNS management, and a static IP – for a low, predictable price.

What is LightSail ?



So, Amazon Lightsail is a VPS (Virtual Private Server) service which gives you templates to choose from, you can either choose a **Plain OS** or an **OS with a pre-baked application**, ready to be used with a click of a button.

So, no need of worrying about the underlying infrastructure, just launch your application, and start building your idea, it's that simple!

What is LightSail ?



So basically if you want everything to be installed, configured automatically from the technical side, and also if your system does not require auto-scaling, this should be the thing for you!

Instance Plan



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 month free!

\$3.50

USD

\$5

USD

\$10

USD

\$20

USD

\$40

USD

>

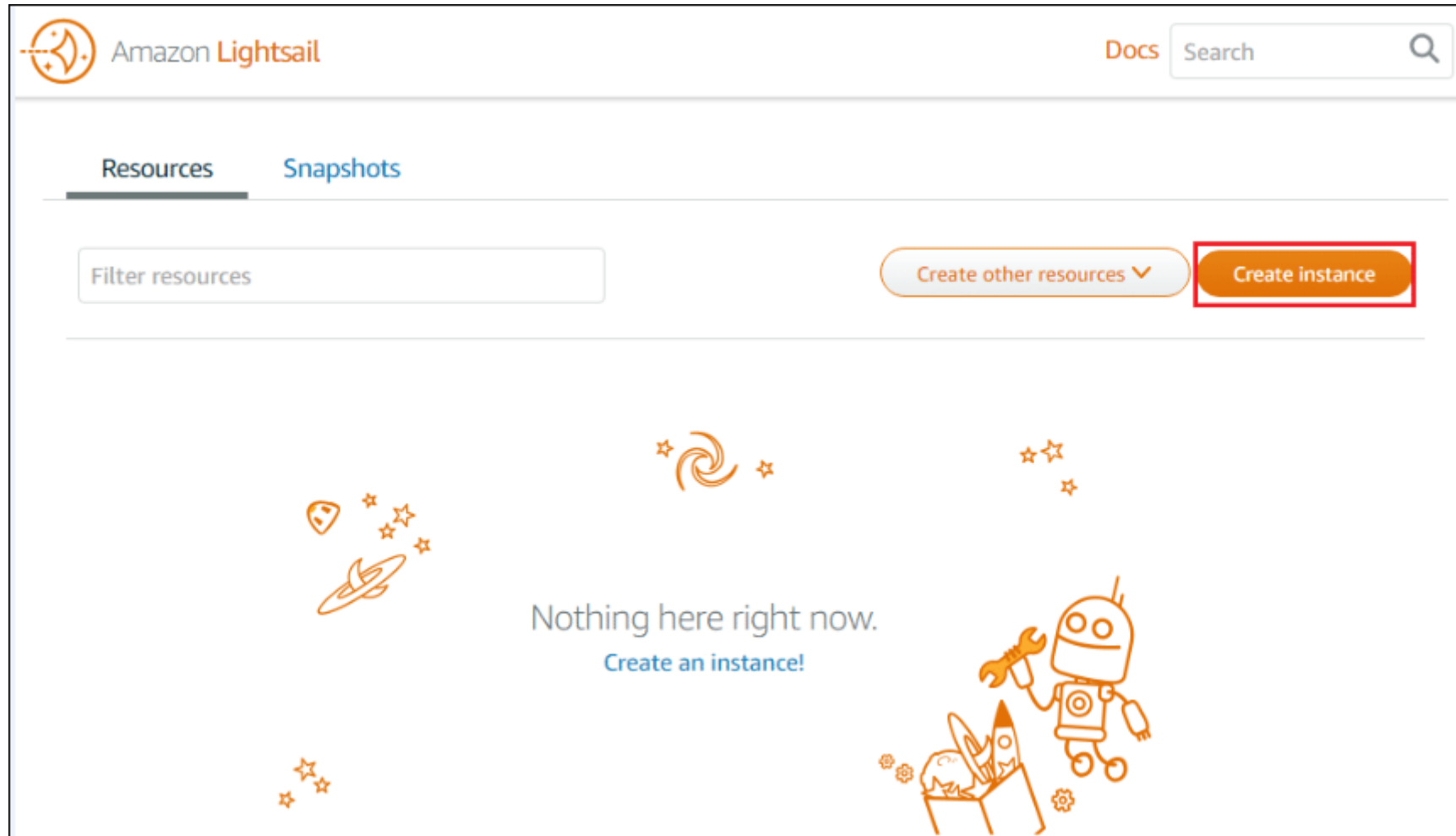
\$3.50 USD	\$5 USD	\$10 USD	\$20 USD	\$40 USD	Price per month
512 MB	1 GB	2 GB	4 GB	8 GB	Memory
1 vCPU	1 vCPU	1 vCPU	2 vCPUs	2 vCPUs	Processing
20 GB SSD	40 GB SSD	60 GB SSD	80 GB SSD	160 GB SSD	Storage
512 GB	1 TB	1.5 TB	2 TB	2.5 TB	Transfer

How is LightSail different from other services ?




- **No AutoScale:** Well, first of all, the capacity is fixed in Lightsail, the only way you can increase the capacity is by changing your plan, therefore no auto-scaling in lightsail. Whereas in Beanstalk, OpsWorks etc. You can auto-scale the resources and you would be billed accordingly.
- **Fixed Price:** In LightSail you have a fixed price, in other services since auto-scaling is supported, you are billed according to your usage.
- **Configuration:** In OpsWorks you have complete control on the configuration of your system, you can configure layers, you can create stacks. Lightsail is not that complicated, you get a system, there is nothing to configure.
- Beanstalk on the other hand is all about code, you upload your application code, and it deploys the application for you. You don't work with the underlying OS.
- AWS Lambda is just about the background tasks, you upload your code and it will start executing it for you.

Demo




Demo



 Amazon Lightsail

Docs




Create an instance


An instance is a virtual private server.


Pick your instance image


Apps + OS


Base OS


 **WordPress**
4.6.1


 **LAMP Stack**
5.6.27


 **Node.js**
6.9.1


 **Joomla**
3.6.3


 **Magento**
2.1.2

 **MEAN**
3.2.10

 **Drupal**
8.2.1


 **GitLab**
8.12.6

 **Redmine**
3.3.1

 **Nginx**
1.10.2

Demo



 Amazon Lightsail

Docs

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 [?](#)

<div><div>First month free!</div><div>\$5</div><div>month</div></div> <div>\$0.007 / hour</div> <div>512 MB RAM 1 vCPU 20 GB SSD 1TB data transfer</div>	<div><div>\$10</div><div>month</div></div> <div>\$0.013 / hour</div> <div>1 GB RAM 1 vCPU 30 GB SSD 2TB data transfer</div>	<div><div>\$20</div><div>month</div></div> <div>\$0.027 / hour</div> <div>2 GB RAM 1 vCPU 40 GB SSD 3TB data transfer</div>	<div><div>\$40</div><div>month</div></div> <div>\$0.054 / hour</div> <div>4 GB RAM 2 vCPUs 60 GB SSD 4TB data transfer</div>	<div><div>\$80</div><div>month</div></div> <div>\$0.108 / hour</div> <div>8 GB RAM 2 vCPUs 80 GB SSD 5TB data transfer</div>
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You can try the selected plan free for one month (up to 750 hours).

Demo



 Amazon Lightsail

Docs

First month free!

\$5

month

\$0.007 / hour

512 MB RAM
1 vCPU
20 GB SSD
1TB data transfer

\$10

month

\$0.013 / hour

1 GB RAM
1 vCPU
30 GB SSD
2TB data transfer

\$20

month

\$0.027 / hour

2 GB RAM
1 vCPU
40 GB SSD
3TB data transfer

\$40

month

\$0.054 / hour

4 GB RAM
2 vCPUs
60 GB SSD
4TB data transfer

\$80


month

\$0.108 / hour

8 GB RAM
2 vCPUs
80 GB SSD
5TB data transferYou are creating this instance in **Virginia, Zone B** (us-east-1).
[Change zone](#)

Demo



 Amazon Lightsail

Docs

20 GB SSD 30 GB SSD 40 GB SSD 60 GB SSD 80 GB SSD
1TB data transfer 2TB data transfer 3TB data transfer 4TB data transfer 5TB data transfer

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

You are creating this instance in **Virginia, Zone B** (us-east-1).
[Change zone](#)

Name your instance

Your Lightsail resources must have unique names.

×

Create

Demo



Good evening!

Filter by name, location, tag, or type

Instances

Databases

Networking

Storage

Snapshots

Sort by **Date** ▼

Create instance



WordPress-512MB-Mumbai-1



512 MB RAM, 1 vCPU, 20 GB SSD

Running

13.233.85.141
Mumbai, Zone A

Demo – Create Database



Good evening!

Filter by name, location, tag, or type

[Instances](#)

[Databases](#)

[Networking](#)

[Storage](#)

[Snapshots](#)

You have no databases right now.

Create a database and get started!

Create database

[Learn more about databases](#) 

Demo – Create Database



Create a database

Database location



You are creating this database in **Mumbai, Zone A** (ap-south-1a)

 [Change AWS Region and Availability Zone](#)

Pick your database



MySQL

5.6.41 ▼



PostgreSQL


10.6 ▼

MySQL 5.6.41


MySQL is the most popular open source database in the world. MySQL on Lightsail offers the features of the MySQL community edition. It provides the flexibility to easily scale compute resources or storage capacity for your database.

[Learn more about databases.](#) 

OPTIONAL 

You can specify your own database user name and password. Otherwise, we'll manage them for you. [Learn more about managed passwords.](#) 

 [Specify login credentials](#)

 [Specify the master database name](#)

Demo – Database Plans



Choose your database plan ?

Standard

High Availability

Standard plan databases are created in one Availability Zone only, with no redundancy

Sort by: Price per month Memory Processing Storage Transfer

First month free!

\$15

USD

\$30

USD

\$60

USD

\$115

USD

\$15 USD	\$30 USD	\$60 USD	\$115 USD	Price per month
1 GB	2 GB	4 GB	8 GB	Memory
1 vCPU	1 vCPU	2 vCPUs	2 vCPUs	Processing
40 GB SSD	80 GB SSD	120 GB SSD	240 GB SSD	Storage
100 GB	100 GB	100 GB	200 GB	Transfer



If you need to import more than 10 GB of data, we recommend choosing a larger database plan.

[Learn more](#)

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

Identify your database

Your Lightsail resources must have unique names.

Database-Mumbai-1

Create database

Demo – Networking



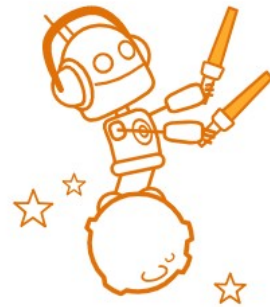
Good evening!

Filter by name, location, tag, or type

[Instances](#) [Databases](#) [Networking](#) [Storage](#) [Snapshots](#)

You have no network resources right now.

Network resources improve how users and outside services connect to Lightsail instances.



A **Static IP** is a fixed, public IP address that you can always rely on to be the same.

Create static IP

A **DNS zone** defines subdomains for a domain and directs traffic to your endpoints.

Create DNS zone

A **Load balancer** distributes traffic from a single endpoint among multiple instances.

Create load balancer

[Learn more about network resources](#)



Demo – Storage



Good evening!

Filter by name, location, tag, or type

Instances

Databases

Networking

Storage

Snapshots

You have no additional storage resources right now.

You can create additional **storage disks** and attach them to your instances like an additional internal drive.

Create disk

[Learn more about additional storage](#)



Demo – Snapshots



Good evening!

Filter by name, location, tag, or type

Instances

Databases

Networking

Storage

Snapshots

You have no snapshots

A **snapshot** is a backup of a Lightsail instance.

You can create them from the **Snapshots** tab in an instance management page.

[Learn more about snapshots](#) 



Demo – Instance Level



Good evening!

Filter by name, location, tag, or type

Instances

Databases

Networking

Storage

Snapshots

Sort by **Date** ▼

Create instance



WordPress-512MB-Mumbai-1

512 MB RAM, 1 vCPU, 20 GB SSD



Running

13.233.85.141
Mumbai, Zone A

Demo – Instance Level



WordPress-512MB-Mumbai-1

512 MB RAM, 1 vCPU, 20 GB SSD

WordPress

Mumbai, Zone A (ap-south-1a)

Stop

Reboot

Manage tags

Status: **Running**

Private IP: 172.26.14.78 Public IP: **13.233.85.141**

Connect

Storage

Metrics

Networking

Snapshots

Tags

History

Delete



Hi! Welcome to your WordPress instance

Need help getting started? We recommend you read the [WordPress getting started guide](#) to learn more about your instance.

✕ Okay, got it!

Connect securely using your browser

Our browser-based ssh client isn't compatible with most accessibility devices or software at this time. You can continue and try to connect using the browser, but your device or software might not work.

You can still use your own compatible ssh client with your device or software to connect to your instance. [Learn how to connect using your own SSH client](#)

Connect using SSH