



Amazon Lightsail

Topics to be covered--Lightsail

- 1) Paas Introduction
- 2) Lightsail introduction
- 3) Deploying wordpress Application
- 4) Accessing
- 5) Management in Lightsail
- 6) Terminating

Lightsail

Lightsail is an easy-to-use cloud platform that offers you everything needed to build an application or website, plus a cost-effective, monthly plan.

It's a cloud service offered by AWS, targeting new or inexperienced cloud users. It includes a static IP address, a management console, secure shell terminal access, key management, domain name server (DNS) management, and virtualized server monitoring.

Lightsail plans

- Memory ranging from 512 MB to 8 GB;
- Processors with one or two cores;
- A solid-state drive with 20 to 80 GB of storage;
- Data transfer allowances of 1 to 5 TB;
- Prices from \$5 to \$80 per month.

Benefits of Using Amazon Lightsail

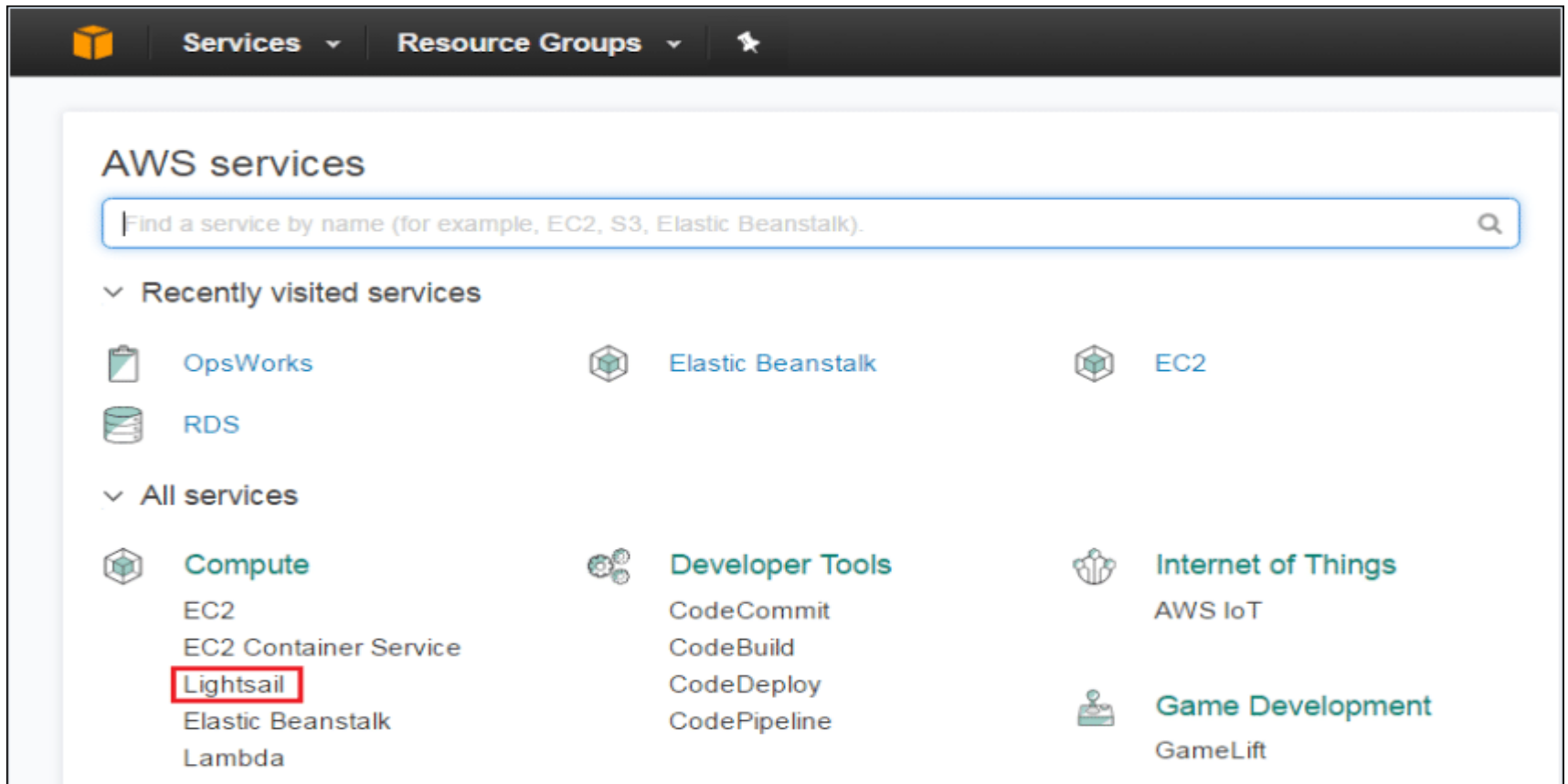
- **Simplified UI:** It runs through pre-installed software. There will be less confusion for users who are using it for the first time.
- **Familiarity:** Developers and companies who use Amazon Lightsail for web hosting and application development will find it more alluring.
- **Affordability:** The subscription is free for the first month and is \$5/month for the cheapest tier.
- **Ecosystem:** Benefits from the massive AWS ecosystem
- **Reliability:** The need for replacement is rare as the services run through Amazon infrastructure and data centers.

Difference Between Amazon Lightsail and EC2

Amazon Lightsail	Amazon EC2
1. Used for simple web apps	1. Used for enterprise web apps
2. Used for websites including WordPress, custom sites, and e-commerce	2. Used for Big data, HPC, and analytics workloads
3. Single configurable VPS	3. Works on multiple VMs, migrations from an on-premises environment, including BYOL
4. Used for prototyping and test environments	4. Used for enterprise app development and deployments

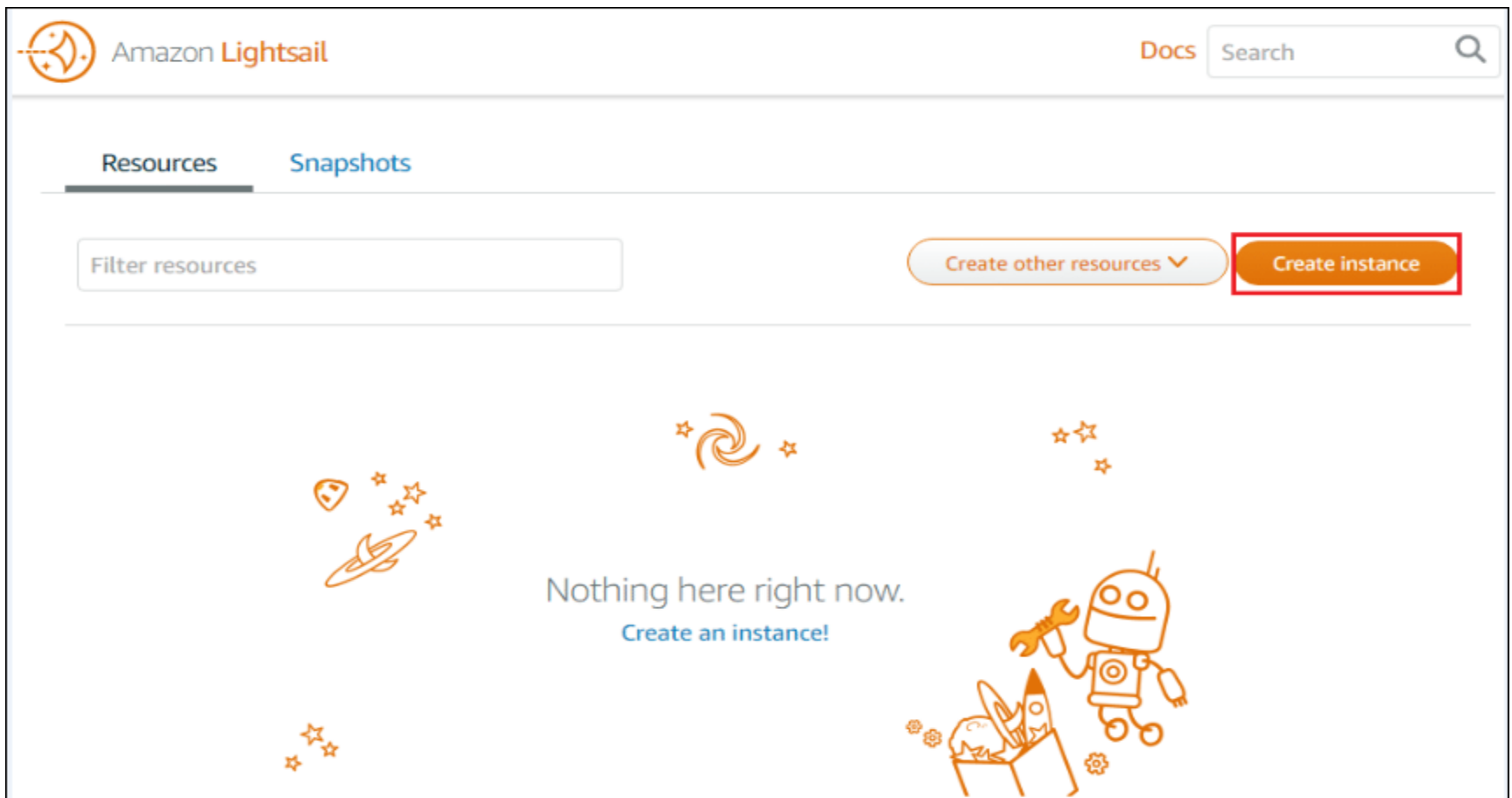
Launch a WordPress configured instance in Amazon Lightsail

Step 1: Login to your AWS Management Console and select Amazon Lightsail.



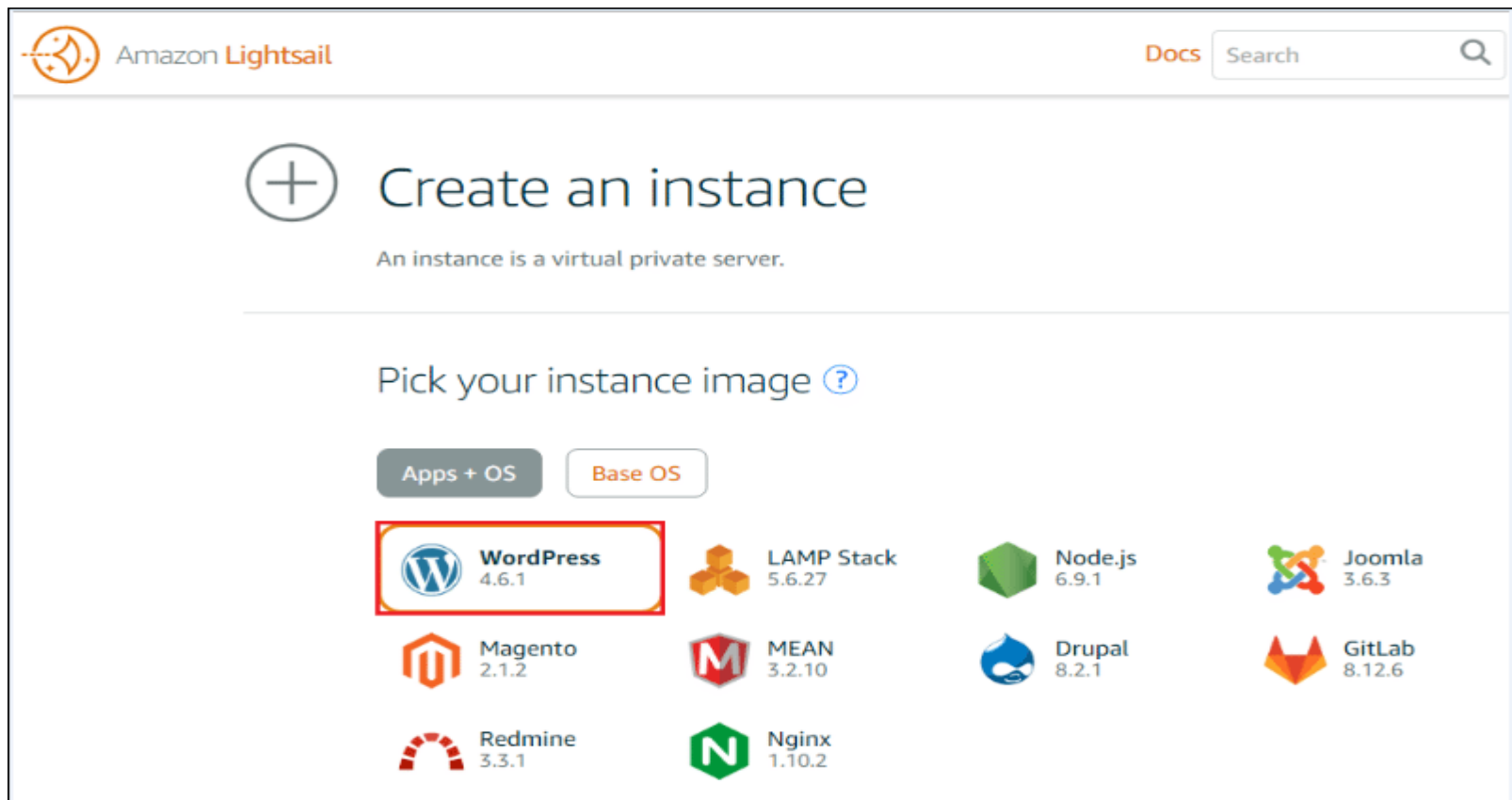
Launch a WordPress configured instance in Amazon Lightsail

- **Step 2:** Click on the Create Instance button



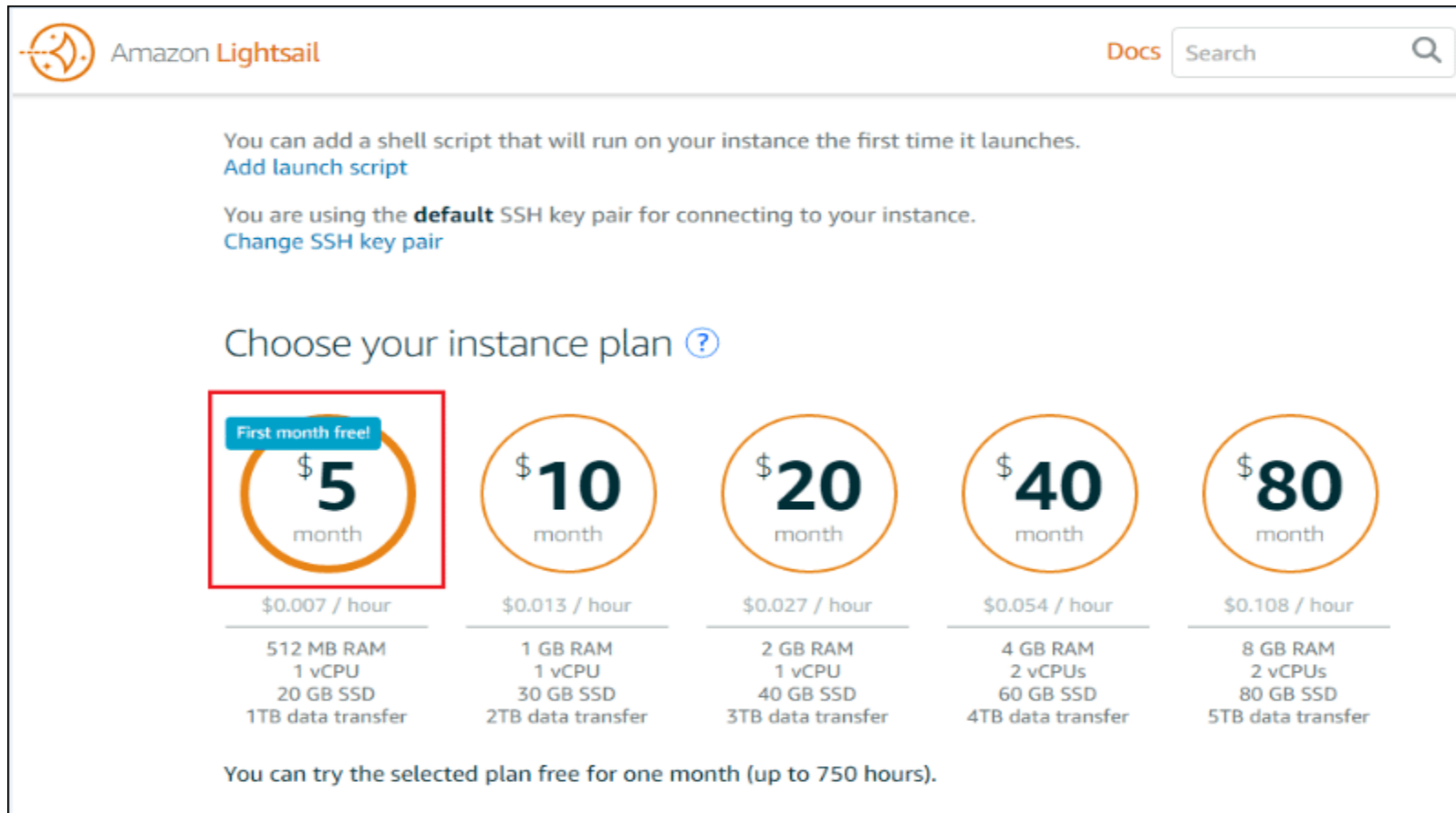
Launch a WordPress configured instance in Amazon Lightsail

Step 3: You can now select the required option, since we are launching a WordPress server, we'll select the WordPress option in the templates.



Launch a WordPress configured instance in Amazon Lightsail

Step 4: You can leave the SSH key pair to default and move ahead and choose an instance plan according to your needs, we will be selecting the free tier configuration.



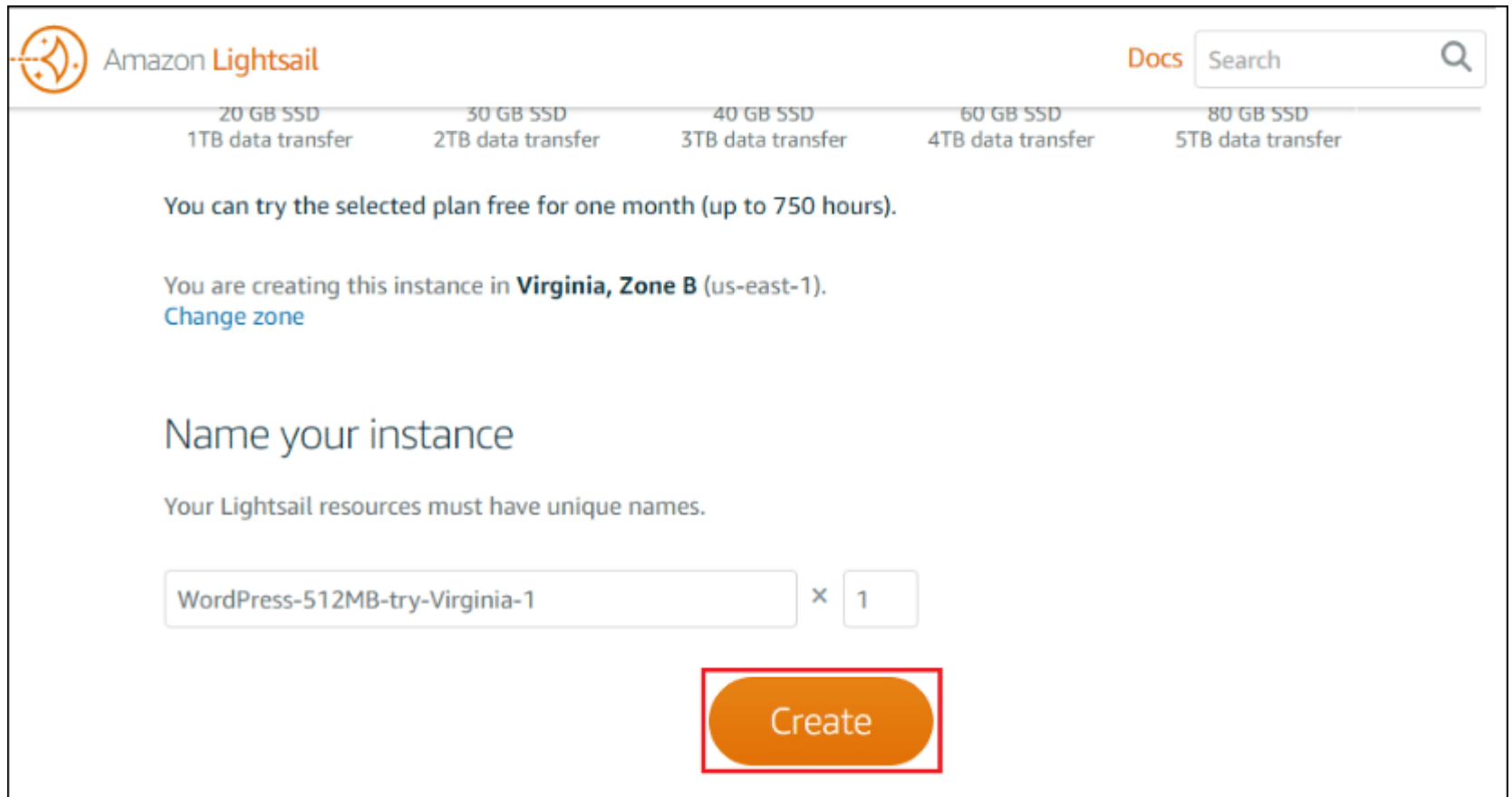
The screenshot shows the Amazon Lightsail console interface. At the top, there's a navigation bar with the Amazon Lightsail logo, a 'Docs' link, and a search bar. Below the navigation bar, there are two informational messages: 'You can add a shell script that will run on your instance the first time it launches. [Add launch script](#)' and 'You are using the **default** SSH key pair for connecting to your instance. [Change SSH key pair](#)'. The main section is titled 'Choose your instance plan' with a help icon. It displays five instance plans, each with a price per hour, a list of specifications (RAM, vCPU, SSD, and data transfer), and a 'First month free!' badge. The first plan, labeled '\$5 month', is highlighted with a red box. The plans are as follows:

Plan	Price / hour	Specifications	First month free?
\$5 month	\$0.007 / hour	512 MB RAM, 1 vCPU, 20 GB SSD, 1TB data transfer	Yes
\$10 month	\$0.013 / hour	1 GB RAM, 1 vCPU, 30 GB SSD, 2TB data transfer	No
\$20 month	\$0.027 / hour	2 GB RAM, 1 vCPU, 40 GB SSD, 3TB data transfer	No
\$40 month	\$0.054 / hour	4 GB RAM, 2 vCPUs, 60 GB SSD, 4TB data transfer	No
\$80 month	\$0.108 / hour	8 GB RAM, 2 vCPUs, 80 GB SSD, 5TB data transfer	No

At the bottom, a message states: 'You can try the selected plan free for one month (up to 750 hours).'

Launch a WordPress configured instance in Amazon Lightsail

Step 5: You can rename your instance to something more appropriate, and at last click on create.



The screenshot shows the Amazon Lightsail console interface. At the top, there's a navigation bar with the Amazon Lightsail logo, a 'Docs' link, and a search bar. Below the navigation bar, there's a horizontal menu with five options: '20 GB SSD 1TB data transfer', '30 GB SSD 2TB data transfer', '40 GB SSD 3TB data transfer', '60 GB SSD 4TB data transfer', and '80 GB SSD 5TB data transfer'. The '30 GB SSD 2TB data transfer' option is selected. Below the menu, there's a message: 'You can try the selected plan free for one month (up to 750 hours).' followed by 'You are creating this instance in **Virginia, Zone B** (us-east-1). [Change zone](#)'. Then, there's a section titled 'Name your instance' with the instruction 'Your Lightsail resources must have unique names.' Below this, there's a text input field containing 'WordPress-512MB-try-Virginia-1' and a quantity selector showing 'x 1'. At the bottom, there's a large orange 'Create' button, which is highlighted with a red rectangular border.

Amazon Lightsail

Docs Search

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

WordPress-512MB-try-Virginia-1 x 1

Create



Amazon Lightsail

Docs

Search



Account ▾



WordPress-512MB-try-Virgi...

512 MB RAM, 1 vCPU, 20 GB SSD
WordPress
Virginia, Zone B (us-east-1b)

Stop

Reboot

Status: **Running**

Public IP: **54.90.93.7**

Private IP: 172.26.0.69

Connect

Metrics

Networking

Snapshots

History

Delete

Connect securely using your browser ?

Connect using SSH

Connect using your own SSH client ?

You can connect to your instance using the following address and user name:

Public IP ?

54.90.93.7

User name ?

bitnami

When you connect with your client, you will also need the private key.

You configured this instance to use the **default** key pair.

Launch a WordPress configured instance in Amazon Lightsail

Now Instance Launched-Use the public IP and paste in new tab (IP/admin)

To get password connect the instance –use

```
#ls
```

```
# cat bitnami_appliaction_password
```

Copy the password from here