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

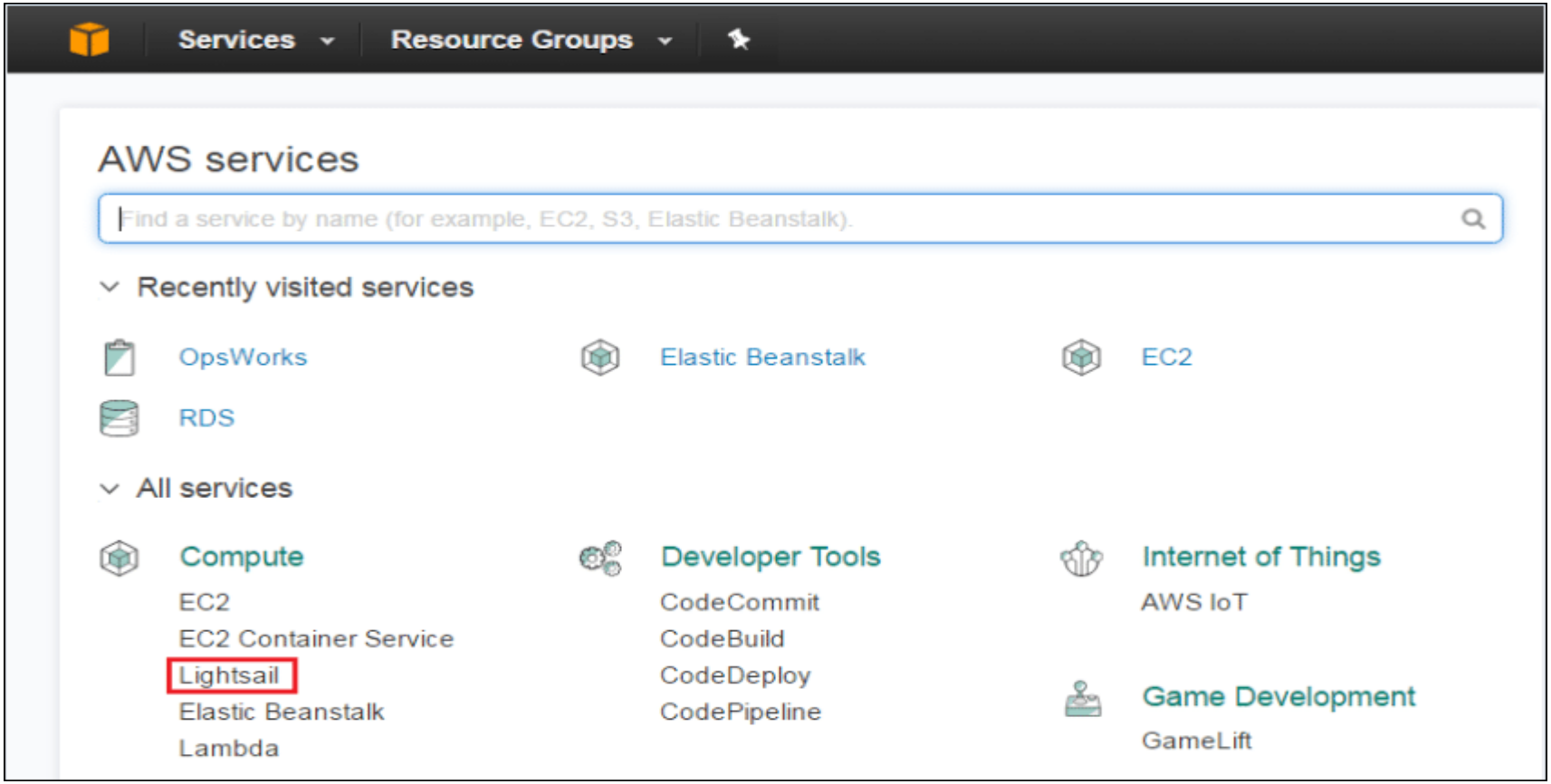
- **Simplified UI**: It runs through pre-installed software. There will be less confusion for users who are using it for the first time.
- **Familiarity**: Developers and companies who use Amazon Lightsail for web hosting and application development will find it more alluring.
- **Affordability**: The 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

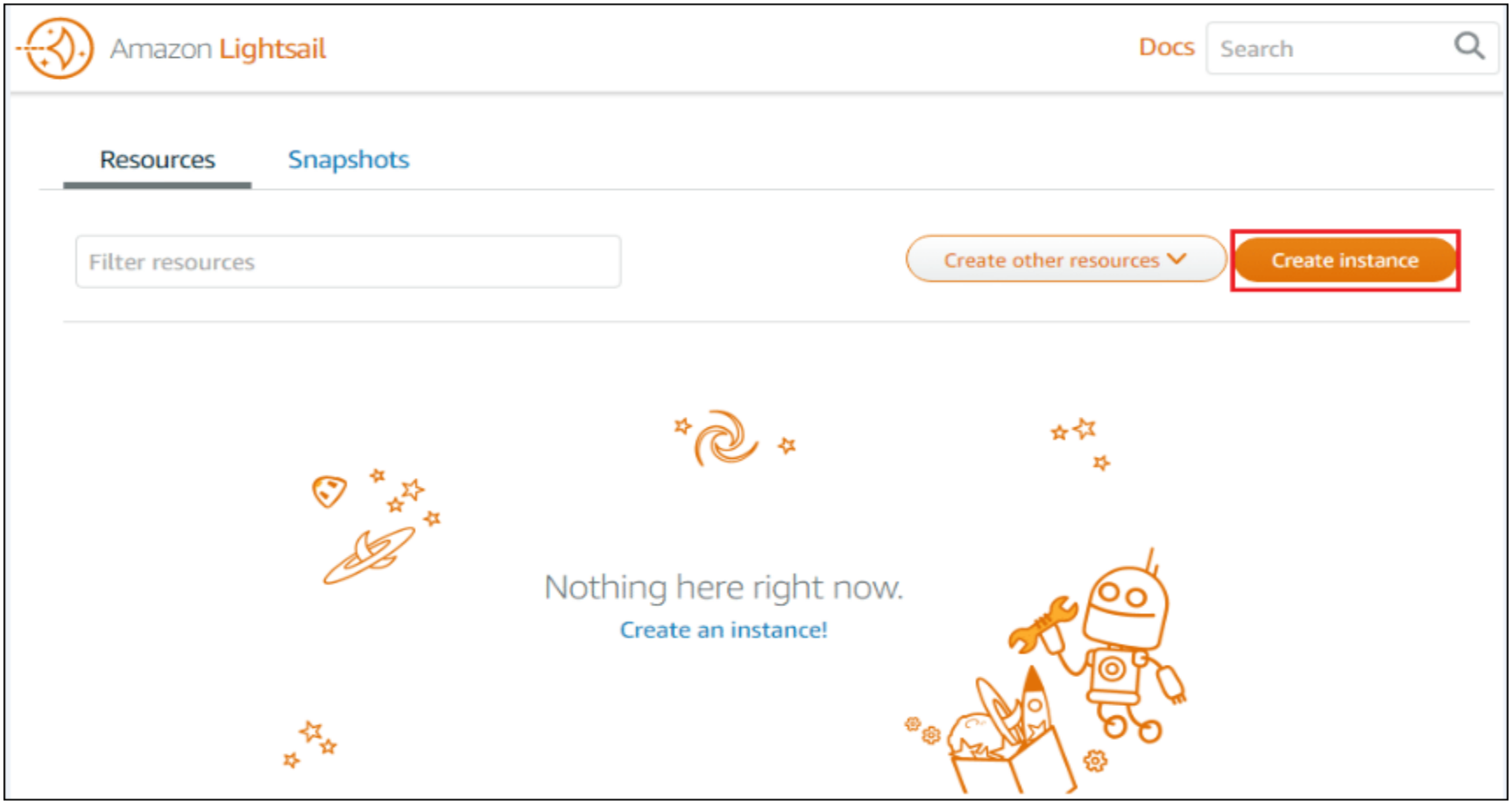
Launch a WordPress configured instance in Amazon Lightsail

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



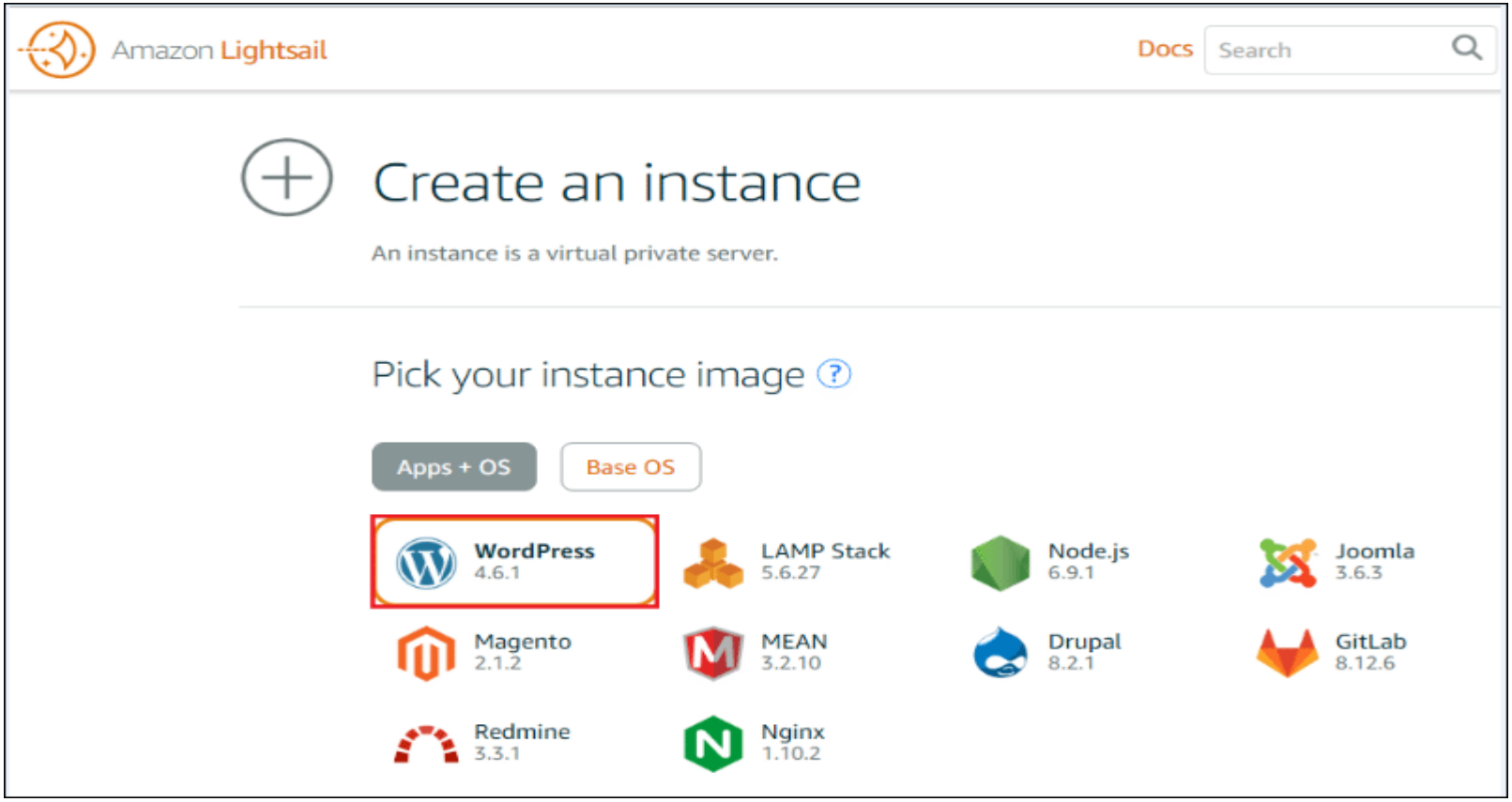
Launch a WordPress configured instance in Amazon Lightsail

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



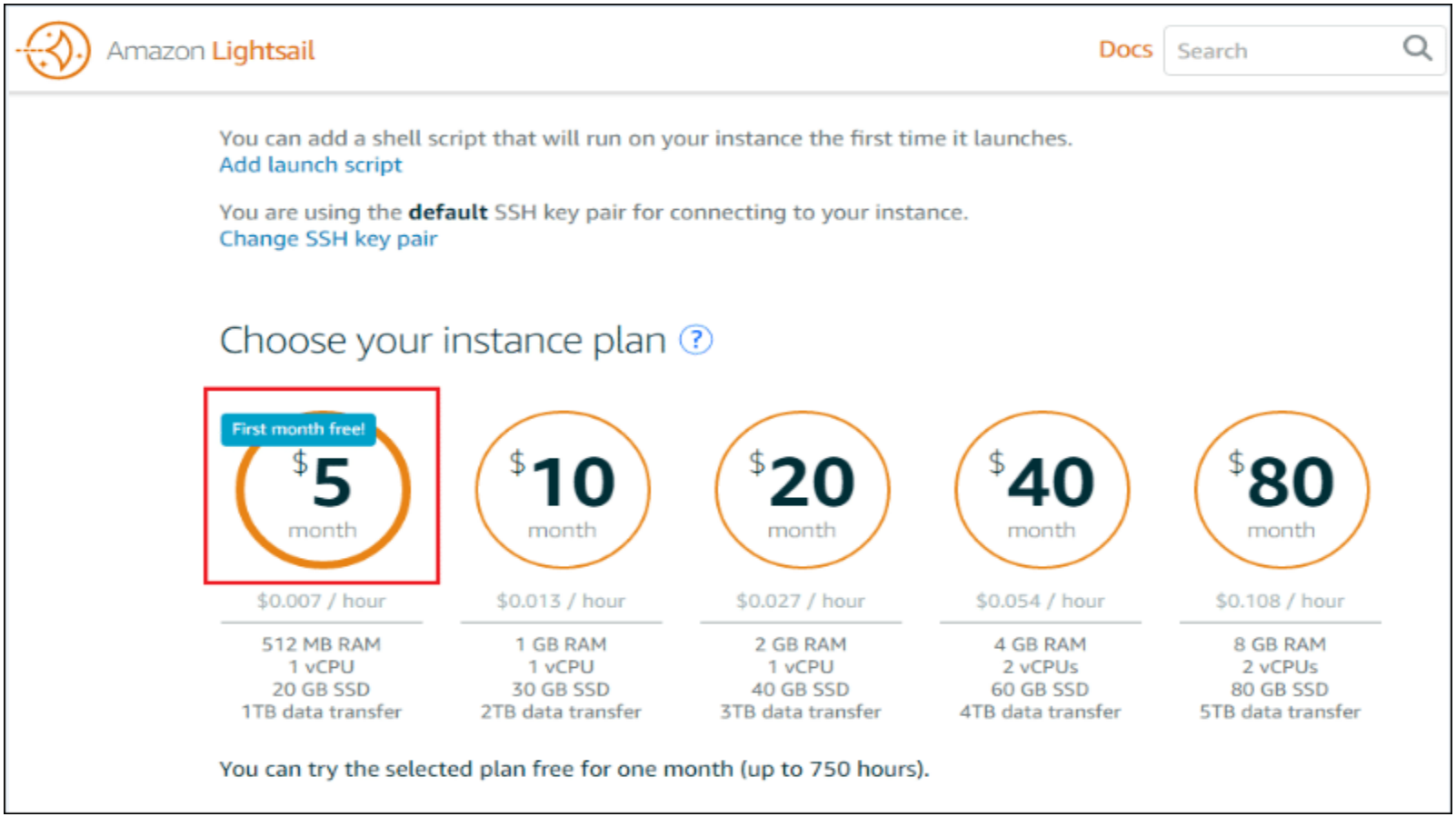
Launch a WordPress configured instance in Amazon Lightsail

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.



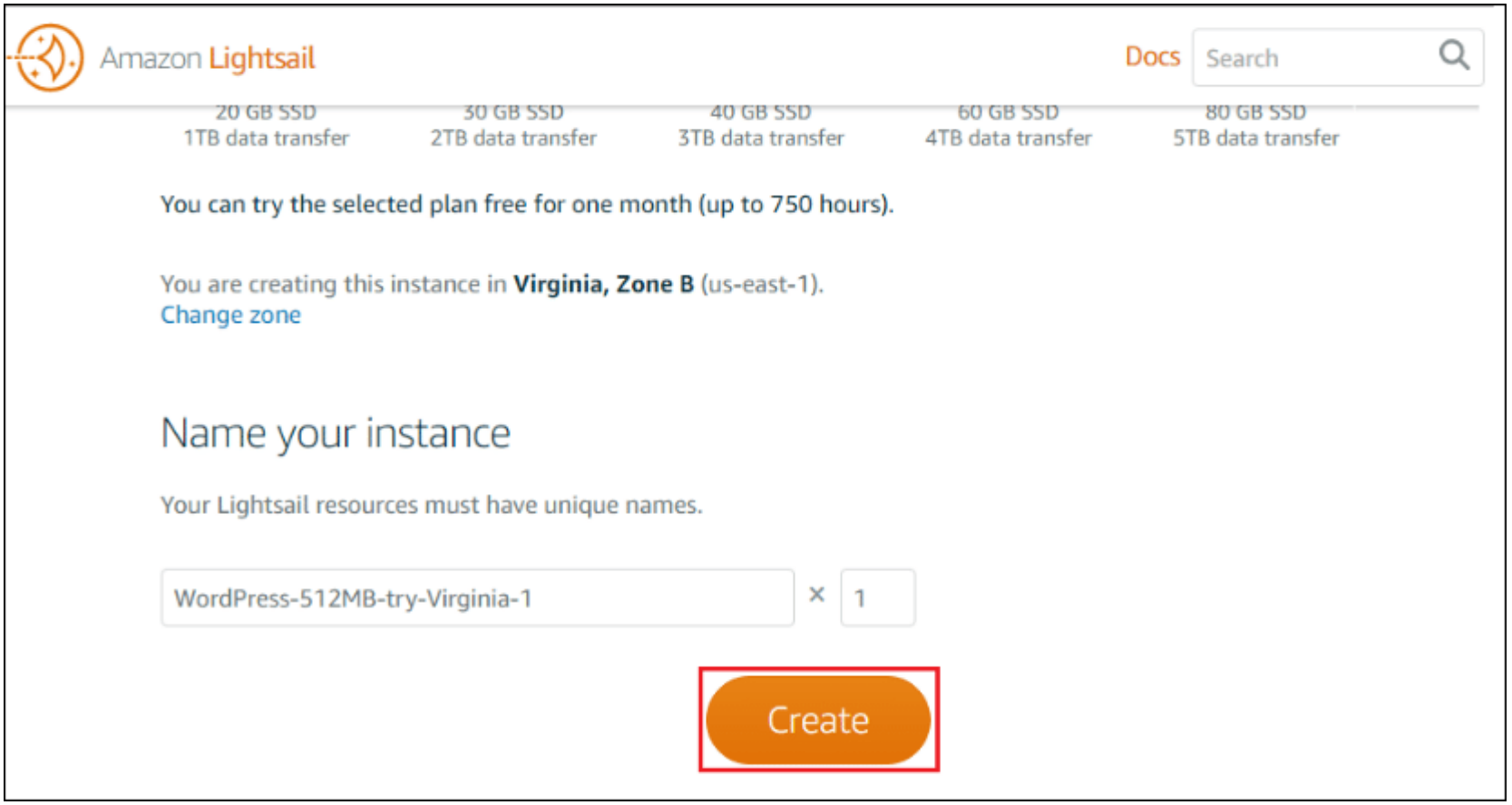
Launch a WordPress configured instance in Amazon Lightsail

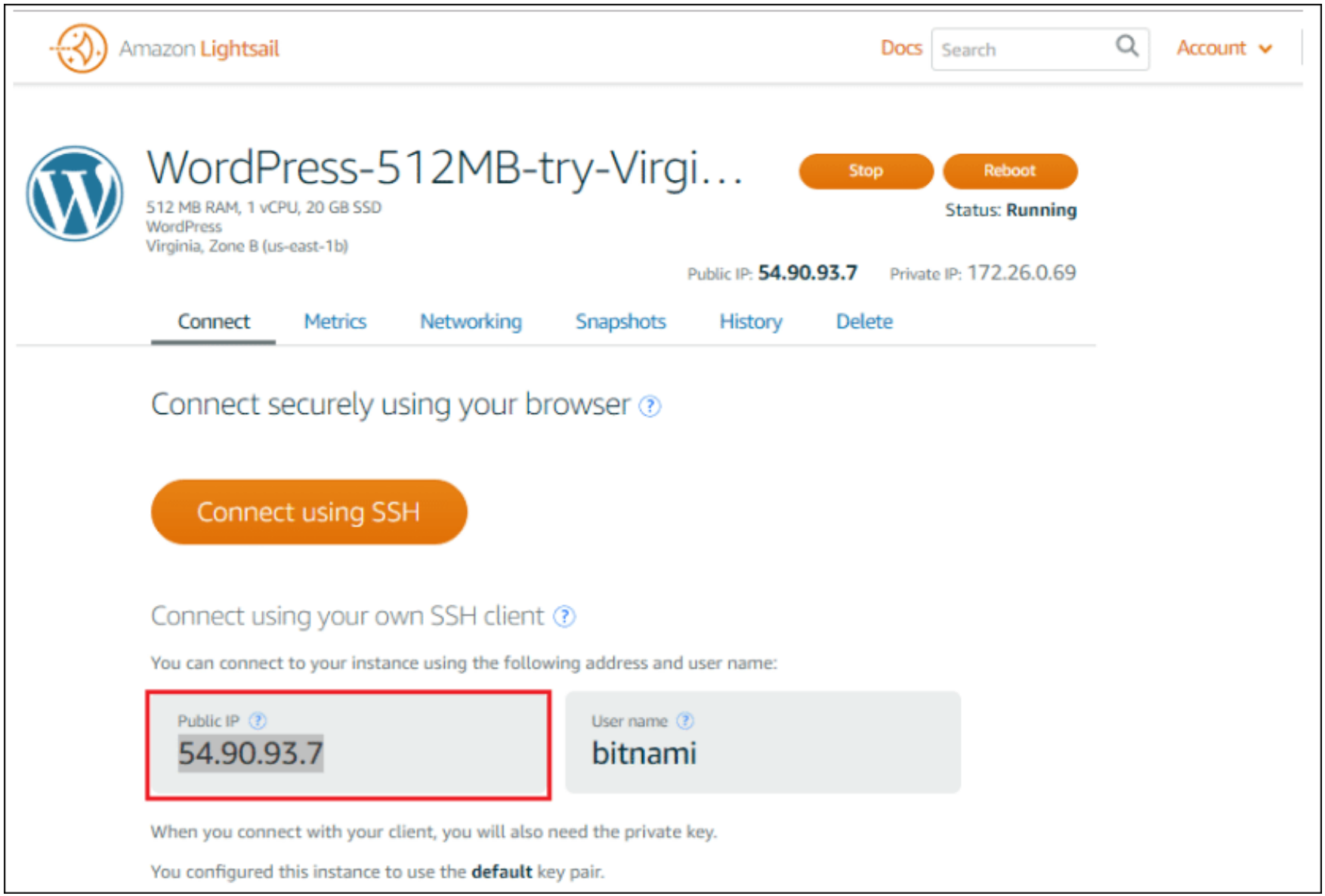
Step 4: You can leave the SSH key pair to default and move ahead and choose an instance plan according to your needs, we will be selecting the free tier configuration.



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.




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