## EXPERIMENT 10

Ain: complementation of saas using Aws/ Arme

Theory

Software as a service [saas] is a way or delivering applications over the internet as a service.

It is called web based software, on-demand software, or hosted software

It was on a saas providers sever The provider manages access to the applications, including security, availability and performance

Saas works through the cloud delivery model.

A software provider will little hour the application and related data using its own servers, databases, networking and computing resources, or it may be on ISV that contacts the cloud provider to host the applications in the providers data center.

characteristics

intrastructure and code base that is certially maintained:

in tay customisation

The ability for each user for early customising applications to fit their purposes without affecting the common in frastructure.

Easily accessible from any nervocked device, while making it easier to manage privileges monitor database and ensure everyone has the same information at the same time.

## Amazon Lightsail

- · Amazon lightsail is an easy-to-use cloud service that offers you everything needed to deploy an application or welsite.
- Amazon Elastic Compute would (ECZ)

  Amazon Relational Parabase service (RDS)

  Application wand balance and other Aws

  services
  - when deploying to lightsail, you can choose blueen six operating systems [4 linux distributions, Esce BSO, windows], suren applications [wordpress, Dupal, Plesk, ...] and seven stacks [Node is, Lamp, ...]

Amazon Lightsail offers a simple may for developers to deploy their containers to the cloud. The user needs to provide a docker image for container and it is automatically contained. Lightsail gives user an HTTPS endpoint that is ready to serve the application sunning in the cloud ontainer.

It automatically sets up a load balanced TIS Endpoint, and takes care of the TIS Certificate. It replaces unexponsive containers automatically, it assigns a DNS name to endpoint. It maintains the old lession TIII the new version is hearthy and live to go.

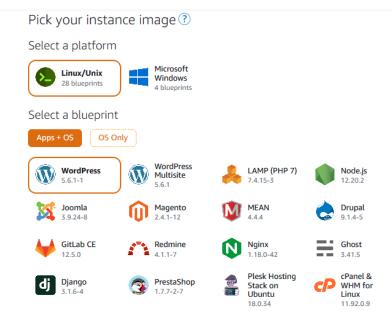
### Conducion.

A wordpress website was successfully deployed using Amozon lightswil for demonstration of saas using Aws

FOR EDUCATIONAL USE

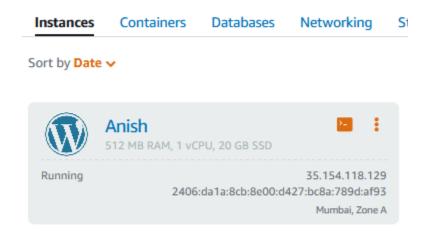
Sundarum

### **Creation of instance in Amazon Lightsail:**

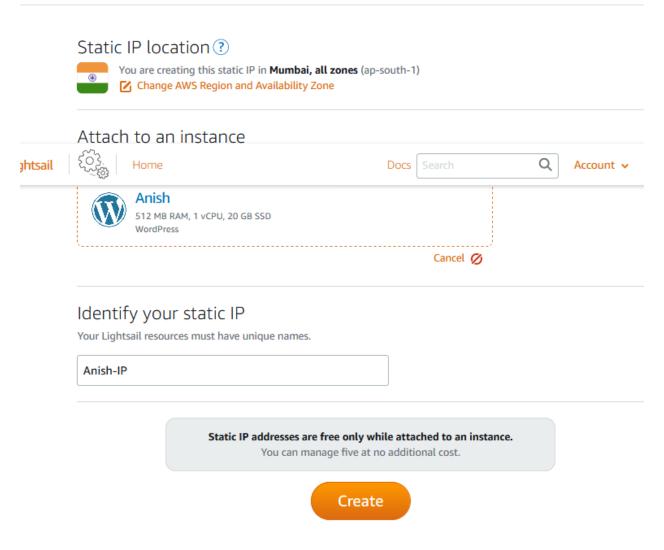


### Word press Instance created:

# Good evening!

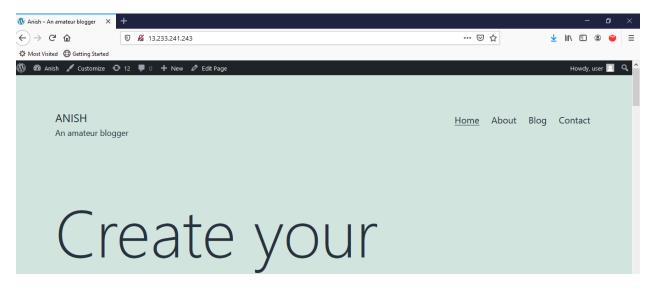


### Creating static IP and attaching to the instance:

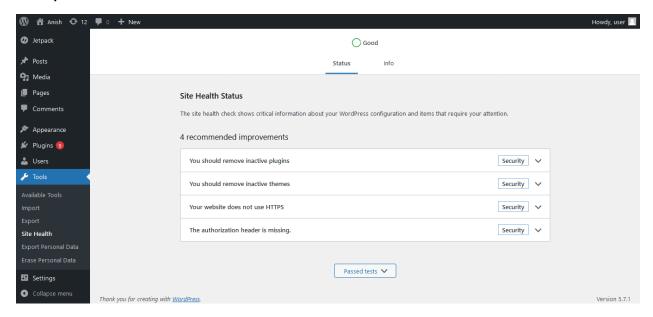


Your use of AWS services is subject to the AWS Customer Agreement 🗷 .

### Website hosted on static IP address of the hosted instance:



### Word press Dashboard accessed via static IP:



#### **Hosted Instance:**

http://13.233.241.243/2021/04/30/my-first-blog/