BATCH: 149

29.08.2023

DT/NT : NT

LESSON : AWS

SUBJECT: WORDPRESS APP PROJECT WITH SECURE DATABASE

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AWS-WORDPRESS APP PROJECT

LAMP Stack

LINUX

APACHE

MySQL

PHP, Pearl, Python

LAMP

DEPLOYING
WORDPRESS WITH
AMAZON RDS

The Project Description

In this project, you are expected to:

Deploy a wordpress installation in Amazon EC2 Instance, with database support on RDS.

- High Availability is fine but not a necessity. **Only one AZ is OK** to finish the project.

- The VPC the project runs will have 2 AZs. In each AZ there will be 3 subnets, 2 private subnets for instance and RDS, 1 public subnet for **NAT Gateway/NAT Instance**.

- An **Application Load Balancer** will be routing traffic among 2 AZs.

- The EC2 instance that wordpress will run and the RDS instance will be on **private subnet** and will not be reached from the internet.

- Application Load Balancer, RDS and EC2 instance(s) will be protected by **Security Groups**.

- Wordpress **installation will be automatically placed and configured** in EC2 instance by use of **boot script**.

The Project Diagram
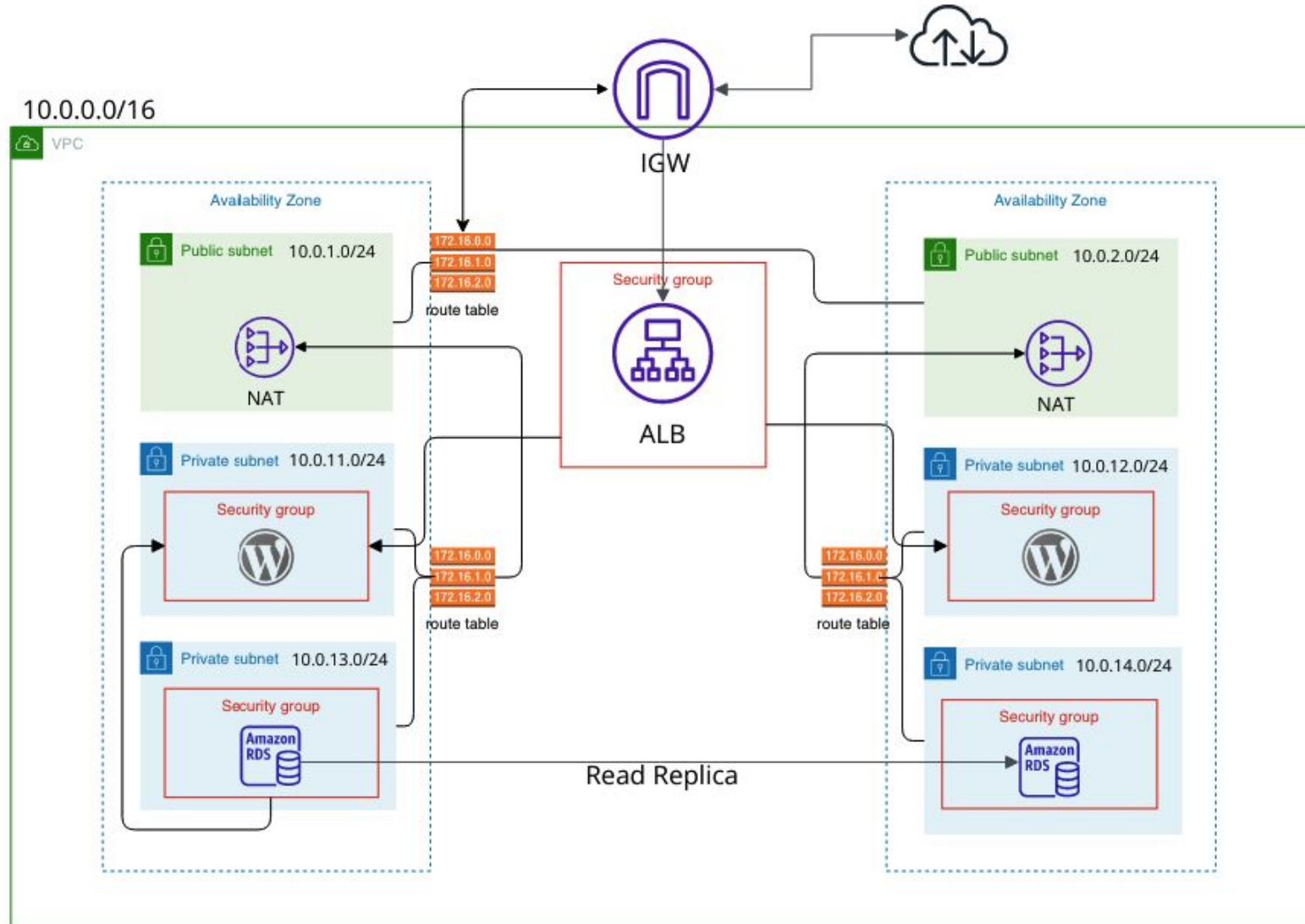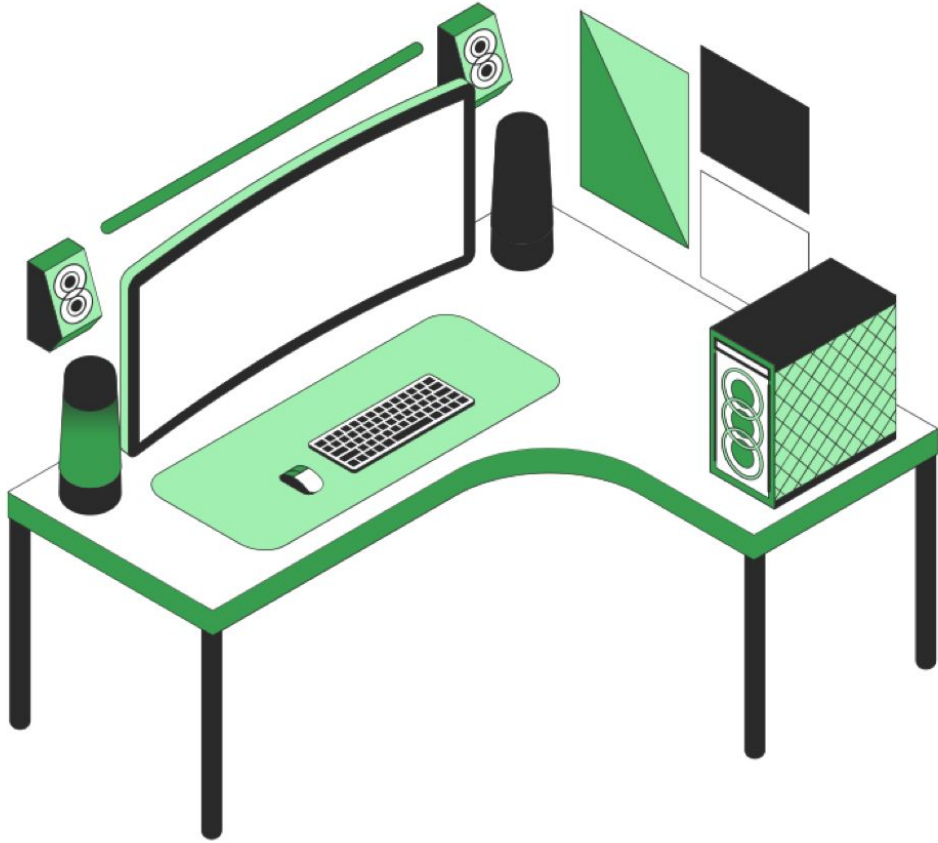
Do you have any questions?

Send it to us! We hope you learned something new.