

DT/NT : DT
LESSON : AWS
SUBJECT: AWS - FINAL PROJECT

BATCH: 149
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TECHPRO
EDUCATION



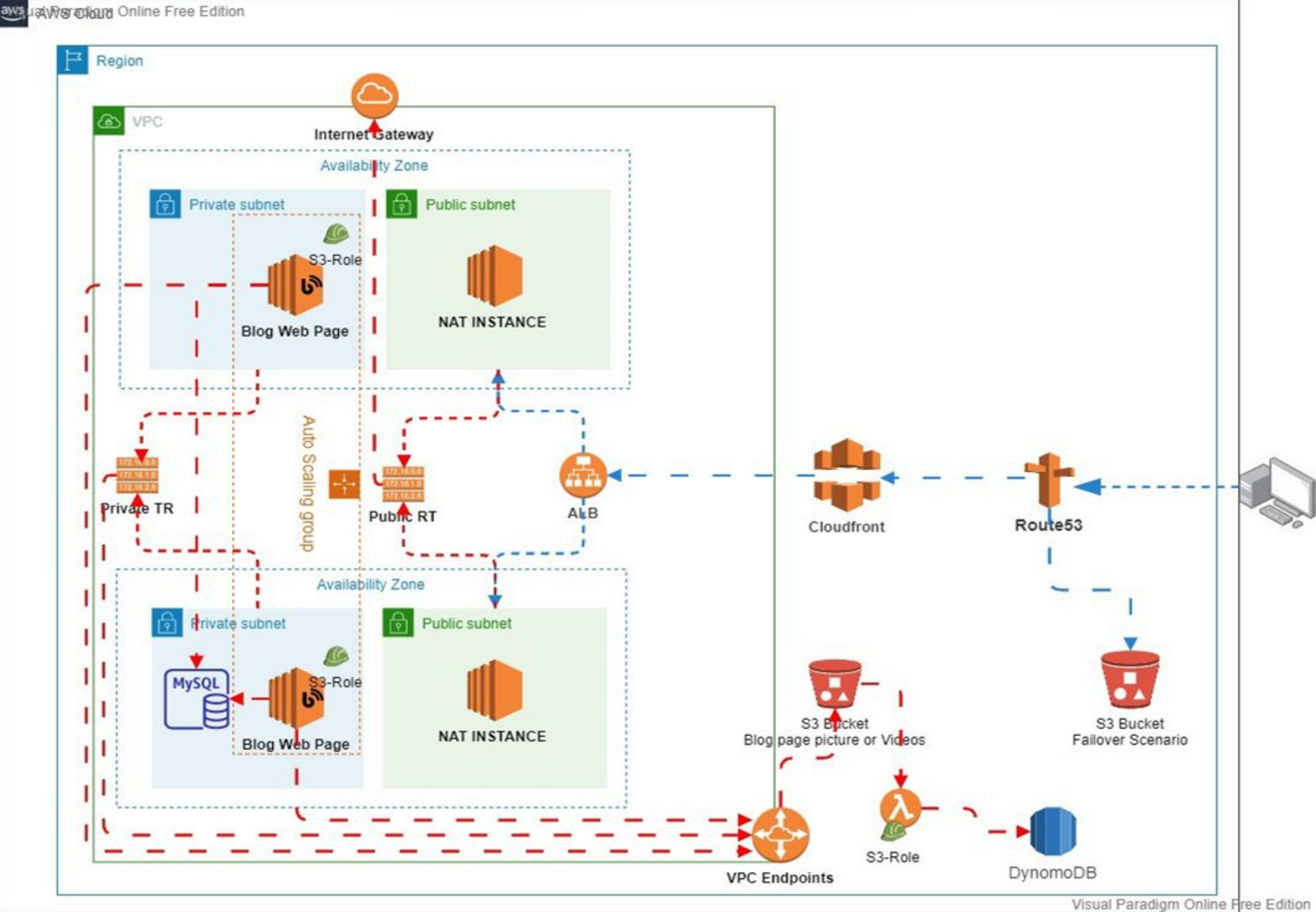
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Blog Project Tasks



Blog Project Tasks

1. Create **VPC and all components**

Create VPC

Create Subnets

Create and attach an internet gateway

Create Route Tables

Create Endpoint

2. Create **Security Groups** (ALB ---> EC2 ---> RDS)

ALB Security Group

EC2 Security Groups

RDS Security Groups

NAT Instance Security Group

3. Create **RDS**

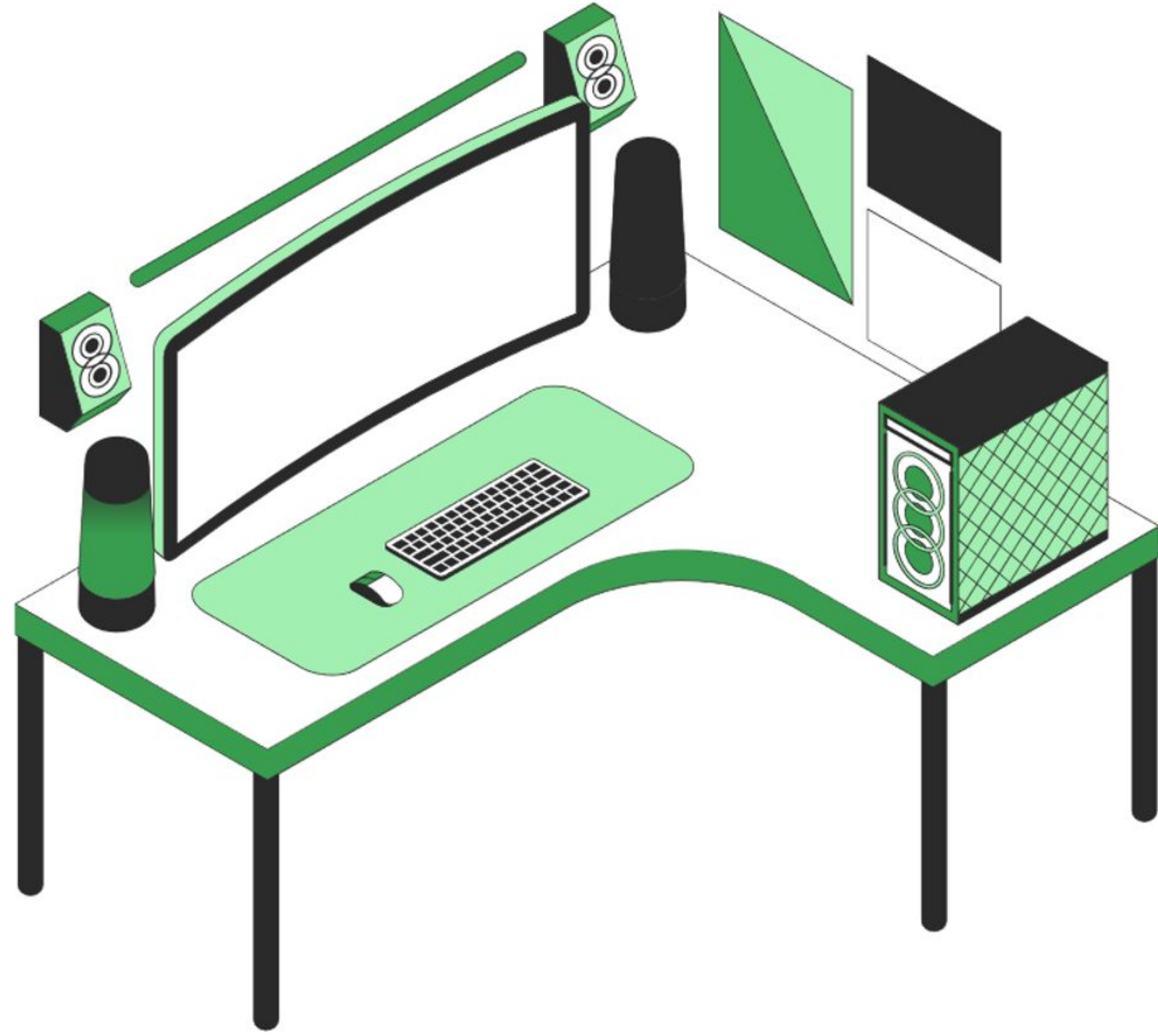
Create a subnet group for our custom VPC

Create Database

4. Create two **S3 Buckets** and set one of these as static website.

- Failover Scenario
- Web Site

5. Copy files downloaded or cloned from **Techproeducation** repo on Github
6. Prepare your **Github repository**
7. Prepare a userdata to be utilized in **Launch Template**
8. Write RDS database endpoint and S3 Bucket name in settings file given by Developer and push your application into your own repo on Github
9. Create **NAT Instance** in Public Subnet
10. Create **Launch Template and IAM role** for it
11. Create **certification** for secure connection
12. Create **ALB and Target Group**
13. Create **Autoscaling Group with Launch Template**
14. Create **Cloudfront** in front of ALB
15. Create **Route 53** with Failover settings
16. Create **DynamoDB Table**
17. Create **Lambda function**
18. Create **S3 Event and set it as trigger** for Lambda Function



Do you have any questions?

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