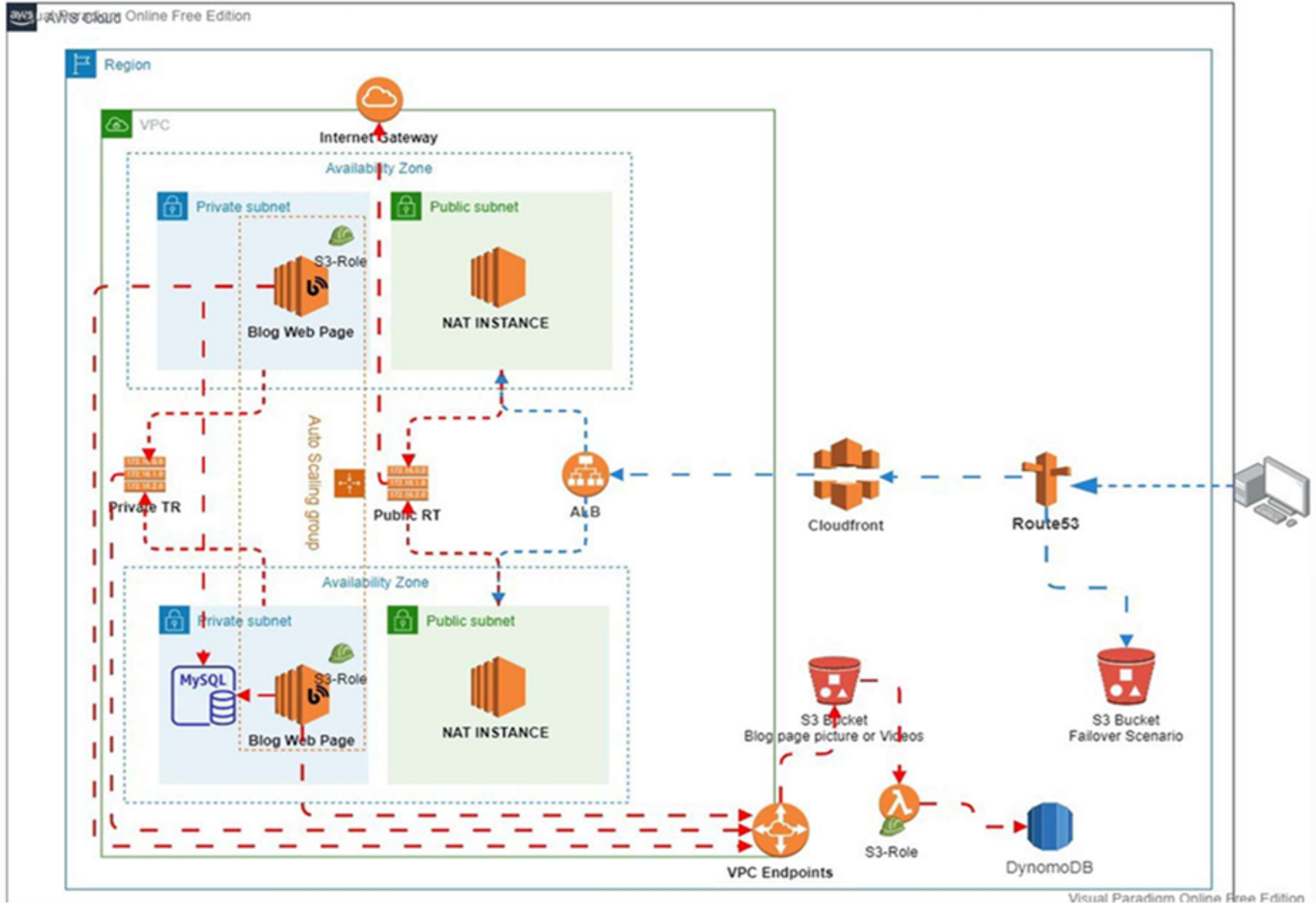


Blog Project Tasks





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. Prepair 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