**Project Name: USEReady**

**Project Scope:** Deployment of dot net application on AWS windows machines. CI/CD is setup from bitbucket to aws servers using Jenkins. Jenkin server is using multiple nodes for providing high availability of deployment. For website frontend and backend windows server is placed behind the application load balancer with Autoscaling for managing the load and traffic.

**Infrastructure:** Deployed using Terraform and packer

**Services used:**

1. Jenkin credentials for storing secret variables.
2. Virtual private cloud (VPC) for the complete Infra.
3. RDS postgres sql for the database.
4. Virtual private network (VPN) to access private resources
5. Application Load balancers to handle traffic of applications
6. Security groups for allowing particular Ips
7. Jenkin pipelines for deployment