Edify DevOps Engineer Take Home Test

Assignment

1. Build an Amazon free tier account (using cc info below)

   > CC # 5115720007377363 EXP 04/23 CVV 473
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2. Build a t2 micro in Oregon and t2 micro in Virginia peer VPCS between Oregon Ohio and Virginia
3. Build an EKS Kubernetes cluster in Oregon and be able to talk to it from a server located in Ohio

Requirements

1. The pod you use can be any basic server (express, apache, etc) that exposes a GET/ping endpoint. We will test to make sure we can CURL this endpoint from the server in Ohio outside of the EKS cluster.
2. Apply the Kubernetes dashboard and make it a publicly-accessible site (the public IP address should be sufficient)

Bonus

Simulate load and implement horizontal scaling for the pod

Deliverables

3. Root account login information to the AWS account
4. Any source code used to build out the AWS environment
5. Kubernetes config files
6. Video demonstrating the requirements functioning
7. Instructions on verifying the environment
8. URL to access the Kubernetes dashboard