

Kubernetes

- Due Nov 19 at 11:59pm
- Points 25
- Questions 1
- Available Nov 5 at 12am - Nov 19 at 11:59pm
- Time Limit None
- Allowed Attempts 3

Instructions

You have learned the concept of kubernetes and the steps to be taken to create cluster and deploy containers. Those are delicate steps, especially if you do it the first time. But you learn from doing. Your homework is to do similar steps shown in class with some variation. Don't just copy from the slides, try to understand each of the steps and the concept behind them.

You are to create a Kubernetes cluster in us-east-1 region with 2 **nodes as a start, with min =2, max =3**. Use instance type t3.medium.

1. Create a VPC and subnets for the kubernetes cluster similar to the demo.
2. Create an EKS cluster and node group with 2 **nodes** (min=2,max=3).
 1. **Name the kubernetes cluster: eks-yourlastname**
3. Use and configure CloudShell so you can issue the kubectl commands.
4. Use the nginx image and create a deployment with 3 pods. Name the deployment **yourlastnamedeply**.
5. Create a service type Load Balancer for the deployment and name it **yourlastnameserv**.

This quiz was locked Nov 19 at 11:59pm.

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	103 minutes	25 out of 25

Quiz results are protected for this quiz and are not visible to students.

❗ Correct answers are hidden.

Score for this attempt: 25 out of 25

