

## Here's a summary of the questions.

### ● First Interview: 1 Hour

1. Self-Introduction
2. What is VPC peering?
3. Explain the roles of the Kubernetes master node and worker node.
4. When creating an EC2 instance, can multiple security groups be applied? If 5. so, how do they work together?
5. Describe how to write a Jenkins CI/CD pipeline using Notepad.
6. Explain commonly used Git commands.
7. How do you add Kubernetes into a CI/CD pipeline?
8. How many load balancers are used in your project?
9. Which load balancer did you use in your project?
10. What is a VPC endpoint?
11. How do you maintain high availability for your applications?
12. How do you check disk space on a server?
13. How do you check which folders or directories are consuming the most space?
14. If I want to create a file on a server that has space available but receive an error when creating a directory or file, what could be the reason?
15. What is the command to create a tar file?
16. How do you check the size of a zip file? What is the command to do so?
17. Explain the file system hierarchy in Linux.
18. When you create a user on a system, where is the user's password stored? Which files are updated when creating a user?
19. What is kubectl?
20. What does "demonstrate" mean in a technical context?
21. What is a deployment YAML file? Explain horizontal and vertical pod scaling.
22. What is readiness in Kubernetes?
23. What are the key components of Kubernetes?
24. What is a shell script, and how do you use it?
25. Which tools and technologies are you currently using?
26. What is an IAM user? What is Route 53? How are they different?

27. If I want to provide full access to an instance (for multiple resources like Route 53 and S3), what is the best way to do this? Should I use the root account?
28. You created an EC2 instance and provided full access. What precautions would you take in this scenario?
29. Explain the process of creating a VPC.
30. What is the CIDR range (min and max) for creating an EC2 instance?
31. How to install Tomcat on a server.
32. What are the deployment strategies in Kubernetes, and which one have you worked with?
33. How many IP addresses are available in the CIDR range 10.0.0.0/16 and 10.0.0.0/24?
34. What is a ReplicaSet?

## ● Second Interview: 20 Minutes

1. Describe your daily activities in your current role.
2. Have you worked with Jenkins CI/CD pipelines?
3. How many tools have you used in your role as a DevOps engineer?
4. How many tools have you worked with for CI/CD?
5. Have you worked with Ansible configuration management tools?
6. What is containerization? Explain.
7. Have you worked with Kubernetes?
8. What are the different ways to provide security in your applications?