AWS/DEVOPS INTERVIEW QUESTIONS

Happiest mindes

1. Write a program to count no of times each word present in the string and save it in the dictionary?
2. Git Merge and rebase?
3. What is docker file how it works?
4. What are the ansible tasks?
5. How to deploy to 100 servers at a time?
6. What is docker volume?
7. What have you done in these years what are tools involved?
8. Have you worked on ansible modules?

WIPRO:

1. What is DevOps?
2. Why do we need a DevOps?
3. How do you configure the job in Jenkins?
4. What are the roles you played in your laptop?
5. How do you configure ansible in Jenkins?
6. Difference between ant and maven?
7. Git workflow?
8. Maven lifecycle?
9. Where do you find errors in Jenkins?
10. How do you integrate sonar Qube in Jenkins?

Good Work Labs

1. How do you configures3 bucket?
2. Differences between git rebase and git merge?
3. What is git init?
4. What is git clone?
5. If there is suddenly the file is deleted in git and how do you get it back?
6. What is CI/CD?
7. What is the purpose of Docker?
8. In Jenkins how can you find log files?
9. By using Ansible how to deploy in Jenkins?
10. What is the use of ansible?
11. What is configuration management?

Capgemini

1. Roles and Responsibilities?
2. Daily activities what you have done in the current project?
3. Jenkins workflow and write a script for this workflow?

4. In Ubuntu sever what is a public key and private key?
5. Write a script what you are done daily?
6. Three members have same password one I have to change write a script for this example?
7. Write a script for how to push the repository and build the job in Jenkins?
8. About project?
9. What are EC2 and VPC how we create & write a script?

Accenture

1. Difference between SVN and GIT?
2. Difference between ant and maven?
3. What are the version control tools are using in the present market?
4. Git commit?
5. Git push and fetch?
6. How to create a repository in GitHub?
7. How to push the file in the GitHub flow?
8. Have you worked on maven scripts?
9. About branching strategies?
10. Maven lifecycle?
11. About pom.xml?
12. How build job in Jenkins?
13. How to create continuous deployment in Jenkins?
14. Poll SCM?
15. In Jenkins how to give backup from one server to another server?
16. Difference between Docker and ansible?

IBM

1. Difference between GitHub and BitBucket?
2. Use of git commit and purpose?
3. Difference between rebasing and merge?
4. Maven repositories?
5. About pom.xml?
6. Dependencies in pom.xml? what dependency have you used in your project?
7. Jenkins workflow?
8. How to build a job in Jenkins by using git and maven?
9. What is the use of maven in Jenkins?
10. Where you find an error in Jenkins?
11. Where can you find the particular error in logs?
12. Difference between Vagrant and AWS?
13. Use of AMI?
14. Purpose and use of s3?
15. What is CI/CD?

16. What are the modules you have used in ansible?
17. Location and configuration file in ansible?
18. Docker purpose and usage?
19. The flow of SonarQube? why we use it?
20. What is the use of quality gates in sonarqube?
21. Suppose we give 30 % quality I want you to define in quality gates?
22. What is the use of Jira tool?
23. As a DevOps engineer why we use Jira Tool?
24. Why we use pipeline in Jenkins? Flow?
25. What is Release management due to production?

SAP Labs:

1. #chmod 444 <filename.txt?> in root user? Change the above permissions to 777?
2. #curl www.google.com is not working and telnet www.google.com is working now?
3. I am having two instances in public and private subnets, I am pinged from one server to another server and getting any response but by using telnet<ip> on port 23 it's working now?
4. What is SSL? And how it works internally?
5. My webservers are running in private subnet I want to route my ELB Traffic to web servers in private subnets?
6. What is NAT Instance/NAT Gateway?
7. Why is SG?
8. Mostly asked on networking, ports, and protocols

SoftwareAG

1. Why Terraform? why not others?
2. Daily roles and responsibilities?
3. Can Terraform used for another cloud provisioning?
4. If my RDS is running out of space how will you resolve that without launching other RDS?
5. What is Lambda and how it works?
6. How will you take backups using Lambda?
7. What are a soft link and hard link?
8. What is inode?
9. What is unmask? Where would you set it so that it affects all users?
10. How can you fix "chmod –x /usr/bin/chmod"?
11. How would you find all files by user "barray" that are older than 10 days, a third word of the filename is "L"?
12. What are the 3 standard streams in Linux can you redirect them?
13. How would you make a bash script print verbose/p so you can debug it?
14. Write a simple script that called with "Foo" prints "bar" and when called with "bar" prints "foo". Every other option should print "Try again"?
15. How do you delete a file named "*"?

16. What is ARP? What does it do?
17. What is Nat? Uses?
18. What are VLAN & uses?
19. What is VPN & Uses?
20. Types of storage in AWS?
21. Difference between S3 & Glacier?
22. Components of VPC?
23. Difference between EC2 and ECS?
24. What is DNS? Uses?
25. What are TCP & UDP and the difference between them?
26. Why you won't go with EC2 for installing Database? Why RDS?

Others Questions

1. What is AWS?
2. What is a cloud?
3. What is EC2?
4. What is VPC?
5. What is AZ?
6. What is ELB?
7. What is VPC peering?
8. What is the aim of VPC peering?
9. Why use VPC peering, real-time example?
10. What is SG?
11. What is cloud front/CDN?
12. What is a lambda, what is the use of it?
13. What have you developed using Lambda?
14. What is automation have you done for with lambda?
15. What is cloud watch?
16. What is cloud formation?
17. What is DevOps?
18. What is Agile and waterfall methods?
19. What tools does DevOps contain?
20. What is git lifecycle?
21. What is build? Explain technically?
22. What is automation in DevOps?
23. What is CI/CD?
24. What are the stages in Jenkins?
25. Is Only Jenkins enough for automation?
26. Where will deploy the application?
27. Difference between NaCl and SG?
28. S3 lifecycle?

29. What is the use of the IAM role?
30. How many subnets assign to the routing table?
31. What is the static IP?
32. How will get access to private subnets?
33. Can you increase the size of root volume without shutdown the instance?
34. Df –h?
35. What is ELB? How many types are there?
36. What is autoscaling?
37. What is hosted zone and uses of recordset?
38. Types in R53?
39. How will take up backup for volumes?
40. How to encrypt the root volume?
41. How will access AS account?
42. What is the subnet group in DB?
43. How do you connect to windows instances?
44. Port numbers of RDP, SSH, and HTTPS?
45. What is the difference between EBS, S3, and EFS?
46. What type of data do you store in s3 and EBS?
47. Replication s3?
48. Why use events in cloud watch in AWS?
49. What is the difference between VPC level security and system level security?
50. If you lost the pem file then how will you connect to EC2?

CTS:

1. What IAM Role and policy?
2. What is the Terraform plan?
3. What is lambda?
4. How will run lambda and where you will configure lambda?
5. How lambda run on secluding and event-based?
6. What is cloud watch? Have you configured any custom metrics?
7. What are the metrics available on your dashboard?
8. How do you configure CPU Utilization on your dashboard?
9. How can I attach SSL for the s3 bucket?
10. What type of encryption have you done in your project?
11. S3 bucket having a policy for only read-only but you're having full access for you? Can you modify s3 objects?
12. Why are you using Terraform? Why not boto3?
13. What is CDN?
14. Have created a Jenkins pipeline?
15. How will attach policy for IAM users by group or individual?
16. What type of deployments you're using in the project?

17. Have you used any tool for creating customized AMIS?
18. What is connection draining?
19. How your ELB shares traffic?
20. What is auto-scaling?
21. Types of Load Balancers and example?
22. What is the run time of Lambda?
23. What is the memory size of lambda?
24. How can I run lambda for more time?
25. By using lambda what are automation you're performed in your project?
26. Why you're not using boto3 for infrastructure provisioning?
27. What are the modules you used in Lambda?
28. Have created SNS topic?
29. In your VPC all IPS are finished you have a requirement for resources how to provision it?
30. What is groovy?
31. Why we go for Groovy in Jenkins and where you save Jenkins file.
32. What is Ansible? Why is it used?
33. Which language did you use in Ansible?
34. Where will you run Terraform code in the remote or local machine?
35. What is access key and secret key?
36. What are the Terraform modules? Have used any modules in the project?
37. What are the environments in your project?
38. Have you used the same account for all environments?
39. For every environment do you have different Jenkins servers?
40. Where you write and save lambda code?

Sonata software

1. Yours and responsibilities?
2. Can tell what are issues you faced in your project? How do you resolve it and how do you come to know the issues?
3. To what extent your project is automated?
4. Where did save all application logs?
5. Jenkins full flow?
6. Explain me how do you take backups for RDS?
7. What are the play books you have written?
8. From where you run Terraform?
9. How many environments your maintaining?
10. Do you know python?
11. Do you any knowledge on setting up BigData cluster?
12. Tell about what are metric in the dashboard?
13. How does auto scaling work?
14. What type of ELB you used in the project?

15. How many servers are there in you production and location?
16. Are you only using cloud watch for monitoring?
17. Did you get got any awards?
18. What are the daily activities?
19. What is the build trigger?
20. What POLL SCM?
21. Did you use only SonarQube for static code analysis?
22. What are the plugins have used in the project?

HARMAN:

1. Tell about yourself?
2. What is Lambda?
3. How does it work?
4. I want to run my job today at 5 pm how do you configure?
5. Write Terraform code for an S3 bucket and attach a policy?
6. Explain Jenkins CI/CD?
7. What I am policy?
8. Write a Terraform code for EC2?
9. Explain about GIT Branching in your project?
10. Write a sample playbook?
11. What is the ansible modules?
12. Have used any pre-defined modules in your project?
13. Write a sample boto3 script?
14. What type of deployments do you follow in your project?

legato health technologies

1. Tell about yourself?
2. Difference between Classic ELB and Application ELB?
3. Git branching Structure?
4. Why ansible?
5. What is autoscaling?
6. How do resolve production issues?
7. What is the launch configuration?
8. Different types of storage in S3?
9. Difference between EBS and NFS?
10. What are Glacier and Snowball?
11. Where do you check build logs in Jenkins?
12. What is CROS in s3?
13. What has required one resource in was to communicate with other resources?
14. Tell about your project?
15. How many builds you do daily?