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| General Questions: |
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| 1. Tell me brief about your self |
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| 2. Tell me your day to day activities. |
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| 3. Tell me your roles and responsibilities. |
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| 4. How many servers in your environment |
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| 5. How many of your team size |
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| 6. what is your role means Designation |
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| 7. how along you are working on devops |
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| 8. How much rating you wll give On DevOps, AWS |
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| 9. Which scripting Language you use for automation either shell or python |
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| 10. How much rationg you will give on scripting |
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| 11. Which versions using in your environment |
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| 12. Which ticketing tool you are using in you environment |
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| 13. which versions you are using in devops |
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| Tool Latest Old |
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| Git----- 2.12 2.10 |
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| Jenkins 2.7.4 2.7.3 |
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| puppet 2.7 2.6 |
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| chef 12.1.1 |
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| ansible 2.2 2.0/1 |
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| docker 1.8 1.7 |
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| nginx 1.11 1.10 |
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| httpd/apache 2.4 2.2/2.3 |
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| Installed packages versions: |
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| package name latest version older or stable version |
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| apache/https 2.4 2.2 |
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| nginx 1.11 1.10 |
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| mysql 5.7 5.6/5.5 |
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| Git: |
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| 1. what is the difference between git pull and git clone |
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| 2. what is the difference between git pull and git fetch |
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| 3. what is staging area in git. |
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| 4. what is git stash |
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| 5. what is reset in git |
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| 6. What is the difference between HEAD and checkout in git |
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| 7. Have you configured github repository locally |
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| Jenkins: |
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| 1. How to upload the .json file in jenkins |
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| 2. How to send the mail when build is unstable or broken |
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| 3. How to store the jenkins server backup and restore |
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| 4. How to take .xml files backup |
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| 5. How to set the jenkins job build numbers |
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| 6. What we can do with jenkins |
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| 7. Why we are using jenkins |
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| Ans) We can build, autodeploy, test the projects, send the notification.... |
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| 8. Do we need to install jenkins in nodes |
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| 9. How you can write and execute the shell script in jenkins |
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| 10. How to manage the nodes, how to manage the users, how we can create perticular project based authentications in jenkins. |
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| 11. How I can integrate the LDAP using jenkins |
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| 12. why we use nodes in jenkins |
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| 13. How to configure windows agents in jenkins |
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| 14. How to reduce the build time in jenkins |
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| 15. I configured one project in jenkins I'm trying to configure anothe project but it's not getting added how you will trouble shoot. |
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| 16. What are the artifacts in jenkins |
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| 17. What are the artifacts in jenkins |
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| 18. How you will give the customized build numbers in jenkins |
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| 19. How you will send the notifications wether build is fail or success |
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| 20. what is the pipe line project in jenkins |
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| 21. what is the system type of jenkins server like t2 micro t2 medium. |
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| 22. what is the stages of your jenkins project like pipe line project |
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| 23. How will you give authentication permissions to the users in jenkins |
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| 24. I have upgraded from one version to another version in jenkins after upgrading some of my upgraded plugins are not supporting to new version of |
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| Jenkins then what you will do. |
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| 25. How you will decide no of executors in jenkins |
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| 26. How to reduce build time in pipeline project |
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| 27. How set maven deployment path |
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| 28. How to define no of executors in jenkins |
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| AWS: |
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| 1. How to increase the root volume size of your ec2 instance. |
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| 2. How to increase the root volume of your ec2 instance without changing instance ip address |
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| 3. How to scale instances timings base using autoscaling |
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| 4. How to configure ELB in AWS |
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| 5. What is sticky session ELB in AWS |
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| 6. How will you configure sticky session |
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| 7. How to upload SSL certificates in ELB |
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| 8. What is cross balancing in ELB |
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| 9. How to delete the one year old files in s3 bucket in AWS |
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| 10. what is Classic ELB |
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| 11. What is Application ELB |
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| 12. What is the difference between classic and Application ELB |
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| 13. How to redirect the https in ELB |
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| 14. How to deploy or copy the application on autoscaling |
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| 15. What life cycle in S3 |
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| 16. Have worked on spot instances |
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| 17. What is cloud formation |
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| 18. What is CloudFront |
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| 19. What is public subnet and private subnet in aws |
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| 20. what are the challenges you faced while migrating servers from physical to cloud |
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| 21. What is RDS in aws and how will you launch RDS in instance in AWS and how will you connect it. |
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| 22. Difference between private cloud and public cloud |
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| 23. What is EC2, S3, ELB, Autoscaling, Cloudforamtion, CloudFront. |
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| 24. I want to stop 24 hours mysql database instance how you will stop it. |
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| 25. how to configure ELB health checks |
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| 26. what is the difference between AMI and Snapshot |
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| 27. I want to configure ELB with one instance does it work |
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| 28. which mysql versions are available in RDS |
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| 29. what is VPC in AWS and what is the use of VPC and how will you create public, private subnets and NAT instances and gateways |
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| 30. What are the terminologies available in route53 |
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| 31. IAM policies |
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| 32. what is the mechanism of ELB |
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| 33. what is the mechanism of Autoscaling group |
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| 34. How will you provide ec2 instance key to users are you using any protocall for this |
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| Chef: |
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| 1. How communication happens chef server and workstation |
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| 2. How communication happens chef server and nodes |
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| 3. How communication happens chef client or nodes and workstation |
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| 4. What is the configuration file of chef |
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| 5. Which cookbook you wrote in chef and how will you write could you explain. |
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| 6. How to deploy java applications using chef |
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| 7. I want to update java version suppose from java 1.6 to 1.7 without modifying recipe how will you do that. |
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| 8. How does chef server knows perticular node this is node for me. |
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| 9. How will you take backup of nodes using chef |
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| 10. How will you build chef opscode local server |
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| 11. Is chef having ssl certificates? |
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| 12. How to run the cookbook without adding runlist |
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| 13.what are reporter and pointers in chef |
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| 14.chef zero and chef one |
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| Puppet: |
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| 1. What is the configuration file of puppet. |
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| 2. How communication happens puppet server and agents |
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| Ansible: |
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| 1. Have you worked on ansible |
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| 2. Which Scripting used in Ansible |
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| Docker: |
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| 1. How you will build the your own docker images |
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| 2. How to find background process in docker containers |
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| 3. what is docker swarm & Compose |
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| 4. Which applications are running in your docker containers |
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| 5. what is entry poind and command in in docker |
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| 6. In docker-compose one of my instance is down then how will you troubleshoot |
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| 7. what is the difference between vm and docker |
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| 8. Is docker image as iso or is there any else |
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| 9. How containers share memory by baremetalbox or some where else |
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| 10. How containers will get volumes |
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| Linux: |
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| 1. I have 100GB space in my '/' directory I'm trying to create files or directories in '/' directory I'm getting error called you dont have space, |
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| then what could be the reason |
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| Ans) Inode full |
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| 2. Shift A guy created filesystem and mount it to /tmp, shift B guy trying to create files and directories in /tmp, but he is unable to create files or dir's |
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| then what could be the reason |
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| Ans) May be filesystem is in read only mode |
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| 3. what is the difference between useradd and adduser commands in linux |
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| 4. what is logrotate how will you create logrotate for apache |
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| 5. what is swap |
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| 6. how to check swap space |
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| free, free -m |
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| 7. Is swap space must need while installing linux os |
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| 8. what is the use of iostat and vmstat commands |
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| 8. what are the columns and rows in vmstat, iostat, top commands |
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| 9. what are the run levels in linux |
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| 10. what is system storage management(ssm) |
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| 11. how to upgrade rhel6 to 7 |
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| 12. which versions of packages you installed like nginx, apache, httpd.. |
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| 13. what is nginx |
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| Vagrant: |
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| 1. What is vagrant file |
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| Nagios: |
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| 1. Which monitoring tool you are using |
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| 2. Have you configured NagiOS. |
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| 3. How to configure nagios services |
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4. What are the states of nagios