

DevOps Interview Questions

APP: we can call

1. Tell me about yourself?
2. How to build artifact in Jenkins?
3. How to install plugin without internet?
4. Have you configured slaves?
5. Are you configured maven, TFS, Git, Java...etc from in Jenkins?
How we can do?
6. What are the瓶颈 you are facing in Jenkins?
7. How to get the outside files inside my container?
8. What is pipeline? Are you involve to develop pipeline script?
9. Are you develop shell script? for what purpose you are writing shell script?
10. Why pipeline we are using?
11. Are you involve in a maven script?

my Question:-

1) Are you using any Configuration management tool?

2) for which platform are you looking DevOps engineer?

7-03-17

Ericsson

Telephonic

- 1) Tell me about your self?
 - 2) what are your daily activities as a Devops engineer?
 - 3) what are Roles & responsibilities?
 - 4) How to set environment variables in Jenkins?
 - 5) what is git stash?
 - 6) what is docker why you are using docker?
 - 7) How do you tell the developer particular container version used in QA team and production env?
 - 8) print statement in groovy?
 - 9) How to declare a variable in shell script?
 - 10) why you are using groovy script rather than shell script?
 - 11) what is awk command in Linux?
 - 12) How to write build workflow in jenkins?
 - 13) what is build flow plugin? Have you used ever?
 - 14) what is Junit? what you do with Junit?
 - 15) which version you are used in groovy?
 - 16) what is the purpose of build pipeline plugin?
- Ques Good madhu you have any question from your end?
- for which platform you are looking as a Devops engineer?

14-03-17

telephonic

(3)

Nagios & chef Enginee

- 1) what is NRP? what it does?
- 2) what are the different status in nagios console?
- 3) where we will use Nagios? what are all thing we can monitor?
- 4) what is chef node?
- 5) what is quantum in chef
- 6) where we store cookbooks? what contains in cookbooks?

22-03-17

Holiday QA - telephonic

- 1) what are the daily activities in your job?
- 2) what type of load balancer are you used?
- 3) are you used HAProxy?
- 4) how to configure session in HAProxy?
for ex we have two servers | serverA , serverB if several
in session is over how sessionB knows serverA is session
out?
- 5) are you worked on memcache?
- 6) are you worked on project? what are the steps?
- 7) how to configure HTTPS in your project?
- 8) you have any question?
- 9) how to test your project? how you test when what you are
configure?

- 1) Tell me about yourself with our educational Qualification?
- 2) Do you have any idea about docker?
- 3) why we need docker? Explain me ^{about} docker!
- 4) what is disadvantage of docker?
- 5) How you will manage containers when you will deploy?
- 6) How are you involved in HAProxy for load balancer?
- 7) what is cni? explain what are all the components?
- 8) what is chef? explain what are all the components?
- 9) What is chef server indexing?
- 10) which language are you proficient?
- 11) which cloud platform are you worked?
- 12) what are component you know in AWS?

first round

- 1) tell me about your self.
- 2) what is docker what is advantages?
- 3) How can connect the two containers! for example mongoDB and apache server ? how i have to communicate both containers?
- 4) how elasticsearch will work.
- 5) what is kibana. and explain how to integrate with elasticsearch
- 6) How you come to know docker
- 7) How you will get come to conclusion if i give new technology?
- 8) what are the new technologies you learned recently?
- 9) How to build the docker image?
- 10) what is docker volumes and write the command
- 11) How to connect ssh agent
- 12) what are the linux servers you used.
- 13) netstat command
- 14) command exec — for quattime environment variable for check.
- 15) command inspect

Second round

(7)

- 1) tell about your self.
- 2) what are 5 technologies you know?
- 3) what is diff b/w REST and SOAP
- 4) how we can add the external space without losing the data in elastic search? possible ways?
- 5) diff b/w virtualization and docker?

Alexia etc linux admin.. Network, CPU, RAM, loadbalance.

~~13-8-17~~ ~~final round~~ SRS Beginner Solutions

- 1) tell about your self.
- 2) write a architecture of Nagios.
- 3) why docker vs virtualization.
- 4) which configuration management tool are you used?
- 5) write a playbook for ansible nginx
- 6) How to start the ~~copy~~ Nginx
- 7) where we are configure Nginx ~~so~~ configuration.
- 8) what is inventory host file how you differentiate different host servers.
- 9) how to ~~not~~ configure dynamic inventory file.
- 10) what is elastic search and kibana how it works.
- 11) what is appdynamics?

23-03-17

Telephonic

AOP - Hyd

(1)

- 1) Tell me about day to day activities in your job?
- 2) what your work will start on a devops engineer?
- 3) are you used any load balancer?
- 4) How many max user you can give out of 10 in linux?
- 5) which type of shell script you write
- 6) How to configure dev / test / production env?
- 7) merge conflicts (or) Build work flow plugin?
- 8) type of pmnch your faced?
- 9) Do you know oracle?
- 10) what is process off your product will be marketed you can followed?
- 11) which type of cloud are you used?
- 12) Right now are you in development team or Build and Release team?
- 13) where your are deployed your application?

23-03-17

Direct - f2f written communication

Holodoc - f2f - clearly system is pending

(8)

13) what are the steps in pipeline stage you are involved?

14) are you comfort shell scripting?

15) are you involved to write recipe?

16) how to create ec2 instance through chef?

Second round:

1) tell me about yourself!

2) can you please help to write Jenkins pipeline?

3) explain me end-to-end CI/CD pipeline steps?

4) explain what is artifact repository?

5) explain what is clastic screen, libanor, logstash and with architecture.

6) what are the plugin are you installed?

7) How to change the build changes in Jenkins? If I do what will happen when we will change

environment variable or of plugin for this?

8) what are the configuration for Sonarqube. how where the source code is in sonarqube. How you find the result from sonarqube.

9) Have you used chef? are you write any time cookbooks

10) what are all the playbooks you write

11) what is docker

12) How we can run multiple container at a time

13) what is docker compose

1) what is difficut between katha / Activeme

(9)

2) why we need Activeme.

Vizion

15-5-12

first round (telephone)

- 1) Tell me about yourself
- 2) How you configure cluster what are all the component you need install
- 3) what is marathon? and mesos?
- 4) How to mount a file
- 5) How we can check a mount file
- 6) How we can check a file size in Linux?
- 7) If i have saved log file I want to get the last 2 days of status codes in that file
- 8) If I have some ip running in 12.16.7.12 ip address
so how you access this server.
- 9) I don't have browser How you will access
- 10) what are the servers you are used.
- 11) How you transfer a file from one machine to another machine
- 12) what is FTP have you used anywhere.
- 13) what is docker who where we run the docker containers?

15) How you connect Svn through ssh.

(1)

(2)

US Interview

(10)

Q) Explain about your self?

2) How are the steps are you involved for CI/CD.

3) When you are deploy your application

4) What are the component/s used in AWS.

5) As a DevOps or engineer what are tasks in

your current project?

6) What is diff MySQL and MongoDB?

7) Which configuration management tool are you used?
Explain for what purpose you used!

8) How you check the ram usage?

9) How to check the CPU usage?

10) How to check disk usage?

11) What is

12) ~~Who is your boss~~

13) Who will take release product in your project

Release manager will release the project as you will involve in that.

- 1) Tell me about your self?
- 2) what are the tools are you used in CI/CD?
- 3) Jenkins work flow or pipeline?
- 4) which script are used for pipeline?
- 5) what is VPC what are the use?
- 6) how you build docker build and where you pushed the docker image?
- 7) what is RDS in aws?
- 8) what is S3 in aws? are your stored on docker instances inside S3?
- 9) what is maven? which lifecycle are you used for build and why?
- 10) what is git fetch and pull?
- 11) what is git rebase?
- 12) which cm tool are you used? how to config inside Jenkins.
- 13) what are the plugin are you used?
- 14) how to create security group in aws?
- 15) what is role in aws?

Zappy
18-5-17

telephonic

(A)

- 1) tell about your self?
- 2) what is docker what tell me the advantages
- 3) what are all the components you used in docker.
- 4) are you worked in docker compose and docker swarm.
- 5) what is auburnitie and meson?
- 6) Both meson and what one monitoring tools are used for container
- 7) what are all the metrics over cloud watch?
- 8) which kafka version are used? kafka cluster size are you worked?
- 9) are you used to maintain for zero high availability
- 10) how much size of your cluster.
- 11) where you in configure cluster setup.
- 12) which load balancer are you used in a cluster.
- 13) why using a ~~cluster~~ load balancer you decided.
- 14) How to install a software inside a docker.
- 15) what are the software install in docker or ethos?
- 16) what is private IP and public IP?
- 17) How can access the system with private IP.
- 18) How to connect the instance without IP and example and password?

- 19) what is spot Instance, on-demand Instance, reserved Instances
- 20) why are you looking for job change.
- 21) what is base image one used in docker file!

Widya
28-5-17

Telephonic

(13)

- 1) Have you worked on Docker?
- 2) tell me about your self.
- 3) what are the command one used in inside dockerfile?
- 4) what is diff add and copy
- 5) can you override the CMD value inside container
Running time?
should
- 6) How can i create the data files inside container?
- 7) Have you used ~~API~~ send for request to monitoring.
- 8) what are the software you installed inside docker.
- 9) which configuration management tool have you used?
- 10) what how to give the port to container
- 11) Have you used networking in docker.
- 12) are you working
- 13) Have you worked on docker swarm?
- 14) which version of kibana have you used?
- 15) are you used for private docker registry?

18-5-17

1st round

C/CO

14

manager round

- 1) tell about your self!
- 2) why are you looking job change?
- 3) How do you know C/CO?
- 4) are you good in Java programming? what are the Java technologies you know?
- 5) what are the current role and responsibilities in your current project?
- 6) where you are involved in this project
- 7) are you familiar with shell script and AWS?
- 8) How you maintain the cluster without go down time and error failure?
- 9) what's your current salary?

2nd round

technical

- 1) explain ~~about~~ about your self
- 2) what your day to day activities in current project
- 3) what are the steps you involved in CI/CD pipeline
- 4) can you please explain CI/CD pipeline have you used?
- 5) what are all components are you used in AWS?
- 6) what the different engine and AWS ELB?
- 7) what is HAProxy have you configured in a cluster
- 8) what the size of cluster you maintain.

- Q) write the ansible playbook for git the docum file and deploy aws
- (B)
- 10) which version of elastic search are you used?
- 11) which version of kibana are you used?
- 12) if i have 1.8 elastic search version can i integrate with kibana 5.3?
- 13) which port we are access elastic search?
- 14) how you create index in elastic search?
- 15) how you create own instances through configuration management tool
- 16) How to create own instances through configuration management tool
- 17) How do you scale up of ec2 instance
- 18) are you involved in development team? if yes what are you did in that
- 19) which database are you used?

ground version

18-5-17

- 1) tell about about your self and roles and responsibilities in your current project
- 2) How you check marathon Health Status? There are swap what are those
- 3) what are all configuration steps in marathon
- 4) How you maintain ~~the~~
- 4) what the cluster size are you worked on?

- 5) what is difference between nginx and apache?
- 6) are you involved in shell scripting?
- 7) what is awk and how you used?
- 8) what is SCP command and explain full command.
- 9) How to use for remote system.
- 10) have you worked on volumes in docker? if yes
How we can write.
- 11) What is container port, hostport, and service port in docker.
- 12) what is diff b/w cmd and entrypoint.
- 13) What is How you maintain ~~container~~ boring in docker
- 14) How you monitor docker container?
- 15) what are the monitor tools are you used?
- 16) How you copy the host system to container?
- 17) How you copy file without running container which path you are giving for copy file file.
- 18) How you confirm corn job in linux machine

16

- (16) How do you scalify the instance? (18)
- (17) if any node is not working what are all the possibilities are you check
- (18) what is context level cache ... in aws
- (19) what are the scripty language are you familiar?
- (20) How you know the size of the cluster want to upc for the requirement?
- 21) How to setup DNS?

28-5-17

f2f. Oracle 1st round

- 1) Tell me about yourself and tasks and responsibilities in your organization?
- 2) what type of Instances have you created in aws?
- 3) How you are created instances in aws what are all the steps?
- 4) Have you configured VPC? and how?
- 5) where you are storing data in aws?
- 6) what are the types of storage in S3?
- 7) what is chef what are the components are there
- 8) which language is used to write recipes.
- 9) what is cookbook?

- 10) what is the file used to execute the cookbook?
- 11) without chef solo how can i execute the cookbook?
what is the name of that command?
- 12) what is ansible how it will function?
- 13) what is diff b/w chef and ansible?
- 14) Have you used both chef and ansible?
- 15) what is docker? explain me about docker.
- 16) how to build the custom docker image?
- 17) Have you involved to write dockerfile?
- 18) if i want to write docker file for install mysql server how to write?
- 19) How do port mapping?
- 20) How to run container?
- 21) How to function appdynamics? what are the things need to configure in appdynamics?
- 22) which types of dashboard have you created in appdynamics?
- 23) which application performance monitoring have you used?
- 24) If I want to configure network log in splunk how I want to configure?
- 25) if anything change in between the log file how you troubleshoot?
- 26) How to filter the data in splunk have you write any query for this?

- 27) How many years of experience in Java? (20)
- 28) Have developed any microservices?
- 29) Which technology are you used in microservices?
- 30) How much you familiar in linux scripting?
- 31) How can i ~~program~~ get the first line and third line in csv file using linux command?
- 32) What is the use of top command?
- 33) What su command will do?
- 34) How to check CPU utilization using linux command?
- 35) When you execute git commands? → Git bash
oracle and sqlplus

- 1) Tell me about your self?
- 2) Draw the kibana architecture?
- 3) What is IaaS, SaaS, PaaS?
- 4) If I want to query the IP and timestamp data based on how to write the query in kibana?
- 5) Why are you looking for job change?
- 6) Have you configured agent in nagios?
- 7) Which have you used splunk, Appdynamics and nagios?
- 8) Have you faced any issues while installing agent in nagios.
- 9) Have you used JSON?
- 10) Which API are you used?