**Devops**

1.what are the steps invovled in continous deployment?

2.what are the cookbooks that you have written??

3.can u briefly explain how u configure chef in jenkins?

4.what is the use of test kitchen in chef?

--------------------------GIT----------------------------------------------

5.git submodule

6.diff between git reset and git revert?

---------------------------------------SVN-------------------------------

7.how to remove the branch directly in svn?

8.diff b/n svn admin dump and hotcopy? in which situtation we will use these?

9.diff b/n normal dumb and incremental dump?

----------------------------APACHE TOMCAT--------------------------

10.what is the port number that u r using in tomcat ?

11.how to start two tomcats in the same server?

12.cluster concept in tomcat?

-------------------------JENKINS----------------------------------

13.what version of jenkins ur wrking?

14.how to upgrade from 2.0 to 2.4 version of jenkin?

15. i want to remove the content of the file with out deleting the file.

16.how to copy the file from 1 server to another remote server?

17.how can you encrypt the password?

18.what is the use of profiles in maven?

19.what are the environments ur handling ?

20.what is the command to extract the war file?

21.diff between devops and BR engineer?

1.Can you share your day to day activities.or daily work approach?

2. What do you mean by "Synchronizing with Repository”? How is it different from "Update"?

3. I have a scenario where every developer works on his own branch,

 Every developers develops his application code with different versions of software patch for example., Developer 1 works on Hibernate,

 Developer 2 works on Spring, Developer 3 works on Struts. So as an SCM admin how do you maintain dependencies for these versions?

4. What according to you is a Release? And are you involved in Release process?

5. What branching strategy are you following? Explain?

6. After Release 1, and while Release 2 is in process I have come up with a P1 issue which should be fixed up right away.

What is the strategy that you follow up in resolving it?

7. What is Hotfix and Bugfix?

8.U have 2 releases scheduled today?one is in the QA phase and other is in the Production phase.

   The one in Production phase is getting errors and you cannot move further what will you do?

9.Can we create trunk within trunk and branch with in branch.?

10.What are various branching techniques?

11.What are various environments in ur company and what was your support?

detached head in git

migrate jenkins  job from one server to another server

scp comand

grep  find command difference

git tag, git branch, remote, copy only particular git remote barnch to local

git hooks, svn hooks(pre commit hook and post commit hook)

top,awk, head commands

prepare gradle, ant build compile

jenkins build structure(nightly build)

1.shell script

How to remove files from a particular directory in linux server which are more than 30 days old. what should we mention in a script? or

What is the command to remove or delete a file from linux which are mor than 30 days old and file more than 1 mb

2.What is the diff between ls and ls –ltr?

3.What is the diff between cat and view command?

4.What are the different ways to create a file in linux?

5.What are the diff kinds of loops we have in shell ??

6.How do u find 1st 500 or last 500 lines in a log file?

7.How do u declare a value variable in a shell ?

8.How do you keep comment in a script?

9.How do u perform arthimetic operation?wat are the diff kinds of Arithmetic operations?

10.What are the other linux commands u use daily?

11.What do u do in Jenkins?

12.What is under Jenkins\_home?

13.What is ur approach in migrating Jenkins from 1 server to other?

14.What are diff types of jobs that you can create in Jenkins?

15.What are diff types of plugins that you have to install?

16.Is there plugins for subversion??

17.What version of Jenkins that you are using ?

18.What are the default plugin that will come with enterprise version?

19.What  svn commit do?

20.What is the similar command in git u use?

21.Svn or git which one do you think is simple and easy??

22.Wat is the diff between git and svn?

23.How to move the folder structure which is present in local to github?

24.Why do you use chef & what does it do? what is the link between master and client here in chef?

25.Are you involved in writing the cookbooks?

26.What is the meaning of high availability?

27.How do you restrict a build to run on a particular environment?

28.What do you mean by parameters? What are other parameters?

29.Where do u store build.xml?

1.what do you mean by ssh??

2.with out password how do you connect to server a to sever b?

3.what do you mean by keygen?

4.what is authorized key?

5.what do you mean by crontab

6.rsync

7.what is the 1st line of shell script?

8.what do u mean by $?

 git

1.what do you mean by reset ,revert.diff bw revert reset

2.git submodules.

3.what gitinit will do?

4.what do you mean by git bare init?

diff bwt git normal init and git bare init?

5.single local repository can  have multiple remote repositories?

6.while pushing i want to skip sone files or modules?

7 what is head,master,origin?

8.pull and fetch?

9.u r on master branch u have to move to developers branch how will u do it ?

1. what is Distributed builds in jenkins?

2. what is parameterized builds jenkins?

3. How will you download latest artifact from nexus rest API through which         command like WC or curl?

4. while downloading war file what are the parameters you can pass?

5. can you tell me how deployment script written?

6.  when will u use git cherry pick command?

7.  when will u use git cherry  command?

8. have you written cookbooks and recepies for automation scm toll chef?

9. Apart from chef , which tools u have the knowledge in devops?

10. After deploy artifact  into tomcat application server, do you have knowledge about continuous delivery?

11. did you migrate with history of svn to git? do you need any tool is required at the time of migration svn to git?

12. which tool is required at the time of migration perforce to git?

1.What is Shebang in shell script?

2.What is the diff between hudson and jenkins?

3.why did you migrate from jenkins to cloudbees in u r company?

4.In one slave how many jobs will you create?

5. How many jobs u have created till now?

6.explain migration of svn ro git?

7.I have branch in svn and i wants to migrate into git, How will u do that?

8.How many no of executors u can mention while creating node?

10.which scripting r u using?

11. How many slaves do u have?

Interview Questions Faced by ashok for Aricent which he cleared

How much rating u give in jenikins ?

Diff between ant and maven ?

why maven ? if ant used it will over control right ?

**answer**:

https://ssl.gstatic.com/ui/v1/icons/mail/images/cleardot.gif

1) IDE independents it's really good. This was proved on my own experience. First, our team used the Eclipse, then we decided to switch to NetBeans, the people who help us with the project using IDEA. And it does not matter because the project can be run even with the console:)

2)Well structured and clean project. I think Maven structure convention is very helpful, because tests and main code are separate.

3)Project management. Maven it is not only build tool, it give you ability to configure you environment, run unit tests, and create reports.

For me, it turned surprised when the experienced programming talk about the difficulties of Maven, when I saw Ant in some project Maven showed me a miracle. And all comments about the complexity of the transition from Ant are strange. This is two different logic, what do you expect?

There are some problems with documentation, this is really bad. But I think this situation will change for the better

sed command

sample shell script ? #!bin/bash important ? if we not give this will script executes or not ?

how do u install plugins ?

Branching Starategy ?

Diff . between (tag) SVN & GIT ? what tag will do ?

how do u install & configure jenkinss?

diff. b/w SVN nd GIT ?

GIT clone ,update,pull,push

svn update ? dDiff b/w svn update and Git update ?

svn backup

how do u upgrade ur jenkins ?

top command(Linux)

HOw do u check the space utilaized and empty in svn ?

default port no. of jenkins  ? if uwant to change port no. how u will do ?

hooks

Tell me about ur self ?

What is continuous management & continuous integration ? then what is VCS ??

What is Difference between BUild automation and continuous integration ?

Diff b/w ANT & MAVEN ?? SVN & GIT ?

HOw do u take Backup ?

Build.xml tasks (svn co ,compile,jar,war,backup,deploy it in tomcat ?

wht r the things we define in pom.xml /

find command

installation SVN ?

svn blame ?

Diff b/w SVN log and SVN blame ?

how do u deploy war file in application server ?

how do u install a war file in multiple instances ?

how do u find and rename the file using ant ?

war task ?

how jenkins works ?

Maven reposositories ?

Maven lifecycle ?what command first it will runs ?

how do u migrate svn repo ?

where local repository store in maven ? then wat about Global ?

which DB u r using ? orcle or mysql ?

how do u resolve conflicts ?

what about normal conflict ?

how do u search ur content & how do u replace it with some other content ?

Inheritance in Maven ?

1.how to manage security in git(like giving only permisssion to specific developers to download,create barnches)

2.fast forward merge

3.upstream in git

4.where commit messages will be stored in git

5.git objects(blobs,sha hash)

6.branching strategy

7.rebase/merge

8.when to use merge/rebase

9.why git is fast

10.branching work flow

11.bare repository

12.how git uses without internet for dowloading repo

https://ssl.gstatic.com/ui/v1/icons/mail/images/cleardot.gif

**GIT:**  
  1. GIT tagging  
 2. To find GIT tag difference  
 3. To configure GIT.  
 4.  Cherry picking for previous tags.  
 5. Resolving the merge conflicts in GIT.  
 6. How to get the details of all the previous status of the GIT tasks performed?  
 7. GIT commands - starting with initialization and pushing the source code to repository  
 8. How do you revert the changes to original and also for few changes in the local repository?  
 9. How to find the list of files that has changed in a particular commit?  
10. How to make a single commit if there are multiple commits.  
11. What is GIT object?  
12. Have you used any GIT wrapper?  
13. What is the command used from where the work is left after other person has used?  
  
**Linux:**  
1. Grep and Find for various probabilities  
2. Linux configuration wrt to my previous project.  
3. Which Partition Linux is installed?  
4. What is the command to check all the open ports of your machine?  
  
GIT & Gerrit configuration, explain the steps taken for configuration.  
Build commands for building AOSP builds.  
  
**Jenkins:**  
To configure GIT in Jenkins.  
What are the plug-ins available in the Jenkins.   
Where are the builds available/stored once the build is made in the Jenkins.  
What is the difference between the timely build and builds for each commits.  
  
**Python:**  
About scripting  
What is the scripting you have done and explain it?  
  
**General questions:**  
1. Any challenging issues triaged and resolved?  
2. What are the steps taken to resolve?  
3. What type of Testing is performed after the build is completed?  
4. How do you take care of the bugs/errors found during the, 1. compilation and testing?  
5. Have you led the CM team in your earlier project?  
6. What are you strengths and weaknesses?

1.Jira Life cycle( todo--accept--inprogress--done)

2.Git and jenkins in one word

3. Toughest task handled till now

4.make file commands where it will store

mvn clean ---

5.types of conflicts git ---trivail and non trivial

6.why git distributed and svn centralized

7.sdlc life cycle interms of SCM engineer

8. if cleint gives any changes while moving to production will you accept if yes

convince

9.

conflicts trivial and non trivial expIain

10. git checkout  (update the working tree)

9. .git deleted manually,how to get back ,restore

10.jira bug life cycle

11. jenkins plugins

12.toughest situation u have ever faced regarding work and how u handled( out of box)

https://ssl.gstatic.com/ui/v1/icons/mail/images/cleardot.gif

1) On a scale 0f 10 how much do you rate yourself in git?

2) what are your day to day activities in git?

3) what are the steps that you take for the migration of projects from perforce and svn to git?

4) How big is perforce branches if u tell?

5) how do you circulate the size of a  branch in perforce while you are migrating it to git, the size of a current working copy should not be > 1 gb or the complete repository should not be > 1gb ?

6) what is bare repository?

7) what is the difference between git and perforce?

8) if i have 2 files, how will i store the 2 files?

9)how can u say git is fast in corporate environment and distributed version control system (git) and perforce is a centralised control system? what are the core differences between the two versioning systems?

10) As an admin what you see in a background not to store out duplicate data?

11) What are the basic objects that git have and how the data is saved in background?

12) what is the importance of each in git objects( git blob,tree,commit and tag) to store and how are they linked to each other to store the data?

13) Which database is used to store the metadata in git?

14) what is the difference between git merge and git rebase?

15) how many types of merges are there in git?

16) which merge you suggest for a developer who is new to git?

17) what is the workflow you suggest for a developer who is new to git?

18) what is staging?

19) what will git pull --rebase do than the simple git rebase?

20) what is the difference between git pull and git fetch?

21) where it will be stored after getting from the git fetch?

22) what is git stash?

23) where it will be stored when u stash ur current working directory?

24) how good are u in shell scripting?

25) which shell you used in shell scripting for writing the deployment?

26) scenario based question?

27) questions on the uptime?