→ Hi, good morning I have been in this field for above seven years. I began my career as a build and release engineer and after moved to Devops engineer. My experience, mainly on continuous integration and continuous deployment. There members of a team integrates at least daily leading to multiple integrations is verified by an per day. Each integration is verified by an automated build to detect integration is errors as quickly as possible. And continuous deployment is a series of practices designed to ensure that the code can be rapidly and safely deployed to production by delivering every change to a production like environment and ensuring business application and services junction as expected through rigorous automated testing. In all of my projects Java is the background coming with the continuous integration. I have experienced with Jenkins, Hudson I have been using Jenkins for a while now. I would say you know, Jenkins is my play ground. For couple of my clients I actually have setup Jenkins from the scratch & you know configure the LDAPs, configure user accounts configure the projects & as well configured the automate deployments using Jenkins depending on requirement of the clients & depending on requirement of each of the teams so this was something what I have done in my past.

And I have experienced with Hudson actually Here is one more called teamcity it actually functions in the similar way like Jenkins it is also a CI tool. I have little bit of experience with teamcity but I would say I am not perfect in it. Because in

ISSUES

- Yes we had see several problems in different environments Dev/QA/UAT/Prod
- During that time we lookout logfiles/operational documents consult people in the application team by scheduling meeting
- In one instance we came across the issue that is application could not correct

- We went and look in logfiles it should showed the error security violation.
- I went and check the certificates. They installed incorrectly. I went and raise a ticket and updated the ticket and after that it worked fine.
- They didn't have journal deployment plan.
- In another instance that is also during production app was working fine but after 1 day it started faulting we went & check the logs. As we have multiple servers in the production so went & check all the server log files In one server we saw out of memory issue. We increased the maximum size of the perm Gen heam.

SOLVED ISSUE

- Have the developers run with sql scripts along with the build process once the build comp. Invoke the SQL scripts which have those scripts checked in the repository db or one Create drop.

- Used Groovy & perl for Scripting I maintained the Groovy scripts to automate the Build process
- In linux we used mass files. build the files for that I used ANT and MAVEN
- Windows - warfiles - web-xml

Tasks

→ Created a automated deployment process on Dev env for continuous deployment

- Setup Cent OS integration process for IT & UAT Env.

- Scripted deployment steps for production deployments

- Wrote scripts to do production deployments

→ rpm download manually basic rpm command rpm install moved all these steps by myself.

→ Everything goes to production is Critical

    prod balance   tail logs   tail -f
                    drives   mount goes offile

    Vagrant

Roles & Responsibilities:

→ Created virtual m/s to be used in the U deploy lab

→ Installed U deploy server & agents

→ Installed U deploy plugins

→ imported applications into the U deploy server.

→ Defined component process (scripts) for deploying (or)
managing the deploying of a component

→ Whether you're a system administrator, a developer who
needs to fix servers from time to time, or just someone
who's annoyed at how long it takes to setup a new
laptop, you'll have come across the kind of problems
that puppet is designed to solve.

A day in the life of a sysadmin.

→ Lets look at some of the tasks involved in preparing a
web server, which is something sysadmins do pretty often.
Assuming the machine has been physically put together,
racked, cabled & powered & the operating system is
installed, what do we have to do to make it usable as
a server for cat-pictures.com?

  * Add some user accounts & passwords.

  * Configure security settings & privileges.

  * install all the packages.

Production support responsibilities are builds

APP support responsibilities are builds

execute shell   — 8408 788-7781
         — 7195- 548-9981
         1866-845 -5617

INTRODUCTION

→ Have over 7+ years of experience in Build & release management extensively used build tools like ANT & MAVEN. Developed Shell, Ruby, XML to automatically compile, deploy & test different applications & also have good experience with version management tools like SVN, GIT, perforce & PVCs.

Good knowledge in Jenkins continuous Integration server. Installation, configuration, Design and integrating. Worked in UNIX, LINUX, WINDOWS, solaris platforms.

Developed puppet modules to automate deployment & implemented puppet modules to automate configuration.

→ Devops is really about getting cohesive collaboration inside an organization in order to deliver software for the benefit of the business. (the operational guys that have) historically developers & operations, they are at odds, and there is no real mechanisms in place for them to establish communication & establish shared learnings between those different groups.

Dev. ⟶ QA ⟶ UAT ⟶ Preprod ⟶ Prod

know basic manifests and modules like you know autom...
deployments from Jenkins to application servers. So that...
something what I have done in my past. But in this project...
is willing to learn but I haven't got any opportunity to learn...
because its all automated through Jenkins the way puppet
is working here is the Jenkins has the Jenkins node. I mean
our Jenkins has around 6 slaves so what happened was
the way it was configured was the slave each of the slaves
they have the puppet agent running over there & this guys
have some other teams let say IT team they are using
Apache tomcat for all the deployment activities ANT the
other teams ST teams they are actually using weblogics. So its
kind of mix. So the agent talk to each other so one of
the module builds good in Jenkins so that automatically
invoke puppet agent. This puppet agent talk to the agent
of app server & gets it deployed (invokes the manifest in
app server)

Its been completely automated even before I Join
I am still waiting on to work with Puppet. I did some ground
work on that I have some knowledge on Chef its all
theoretical not practical. Coming to my build tools experienced
I am exposed to ANT, MAVEN and MAKE are you familiar
with MAKE? You know right the MAKE has multiple targets.
These guys at App has 24 targets make AID. They want all
these targets in a sequence & then once these are done they
want these output to be deployed to CIFs i.e. common internet
file sharing. So, its actually mount they want these artifacts
to be deployed over mount. So, trust me I know you
wont believe me when I say this before I came in these
guys actually there is one guy he makes each of the targets

last project you know one of the teams actually not my team one of the other teams was using teamcity you know I just had a chance to look at it but haven't touched on it. That completes my CI experience. And then coming to vcs i.e. version control system I have experience with SVN, GIT and have experienced with mercurial. In my current project I am actually using SVN but one of the teams here use GIT. Sometimes I might not be primary part of that project but sometimes get to deal with GIT as well you know along with SVN that completes my version control experience and coming to configuration management Chef and Puppet I must say honestly I have been trying to work on Puppet for couple of years now but you know I never got a chance like I would say in one of my projects they were planning to have puppet. So our team was being CI/CD team we were team of like 6 we were required to setup puppet have a blue print but of puppet implementation. So what we did was we actually got some puppet manifests for couple of modules and actually we developed blue print but what happened was there was a huge budget issue the project was called off. I eventually ended up not implementing puppet completely that was my first exposure to puppet somewhere around one and half year back. But in my current project i.e. BCBS-TN what happened was this guys they do use puppet as I mentioned in my resume. It is a kind off automated through Jenkins actually in which case we didn't get a chance to write, develop puppet from the scratch I want to be honest with you. Its been more than a year I started exploring puppet and wrote some you

finally by one by one & then finally deploys to the mount you know it spends one day for one activity that was too hectic it took me a month to automate this through Jenkins by integrating the Jenkins & shell scripting. So what I did was I just wrote a script shell script. You know this parameterized build (extended choice parameterized plugin) there is a plugin in Jenkins in which I defined variable & lets say targets & then I wrote shell script in such a way the user just needs to click the targets which he want to make & the Jenkins using the shell script in it. It will make the target make 1, make 2 & how these guys wanted was if make A fails it do not go for make B. It sounds simple but the work was little bit complicated. So, finally it took a month to handover the work, they asked me automate. Now how it works is it gets goes in a sequence if A is good then it goes to B. B is good it goes to C if one of it fails it will stop and then at the end this shell script invokes another shell script which will grab these artifacts & you know put them on to the mount. So that was acceptable by everyone. So that is something done by me and got appraisals for my work. So that is something I mean little bit of experience. So for what I have done in these recent months (When can I expect next interview ~~around~~ round my manager asked me is ~~documented to do have all the things~~ what I have done by me is documented you know I have started documentation last week its almost completed. I should be available from coming Monday. My manager said that as soon as I complete my documentation & you know created a wiki, I am good to go. So its all in my hands. The sooner prepare my documentation. I should be good to move. Thanks for your time I appreciate it.

(→ Used Weblogic any deployment where I published the files & run the application on server. It has buttons like START, STOP, RESTART to do task.
If also used Debug on Server command to deploy application in debug mode.
— This starts the server & runs the application