**CONTINUES INTEGRATION :**

-->Create a CI job for new release [ nightly/hourly ]

-->Create a manual jobs for CI tool

-->Accounts for developers

-->backups

-->plugin installation

-->thirdparty tools integration

-->Monitor CI Jobs --------------> creating manual jobs

>>>>If something is going wrong it is your responsibility to report to your manager definitely they will get backup to you and resolve the issues.

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**My actual responsibilities is** ,

QA/Release Build :

Release manage/Delivery Manager/project manager ,

**Release calender :**

it means who needs to do what and when

-->Release manager specify

**QA BUILDS** -->nothing but you have to build and deploy into the code environments.

**PERFORMENCE BUILDS** --> nothing but you have to build and deploy into the performence environments

**UAT BUILDS** : --> nothing but you have to build and deploy into the UAT environments

this are the environment specific builds ,

In company you will be having n number of environment apart from the production environments,

environments like , Dev , QA , Perf, UAT , Staging , production

tipically staging and production environment will be taking care by production side guys.

>>Build and release engineer people will take till UAT environment

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QA builds : every monday and thursday we have to QA builds

Perf builds : every wednesday we have to performance build

UAT build : every month or 1.5 month we have to perform UAT builds.

**QA BUILDS :**

12 pm -- 3pm ---------> build timing period is 12pm to 3pm why they are giving time is from 4pm onwards QA tm will start testing

--> in between 12pm and 3pm what exactly we will do is ,

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**most of the people ask you the questio is when your performing the build and deployment what kind of challenges you will be facing in your day to day life ?**

-->first chanllenge is ,

i started build by 12 clock i will do some svn checkouts after that i will do ant or maven compilation around it will take 30 mintes time ,after that deployment phase

svn co ----------------------------------> 12

svn co -------------------------------------> 12:15

ant/mvn ------------------------------------> 12:15

deploy----> stopping the services ---------->1:15

backup ----------------------------------> 1:30

deployment ------------------------------>1:45

localisation ---------------------->2:15

start the services --------------------> 2:30

smoke testing ------------------------->:45

report ( email ) -------------------------> 3:00

**IF ANY ISSUES HAPPENS :**

IN SVN :

svn may be down / svn access issues -----> if i get like this issues another 15 minutes will take to resolve this issues

IN MAVEN :

compilation issues -----------> update to developers

stopping service ---------------> server is down -- >network

backup -------------------------> server 100% disk full -------> this is one issue

deploy -----------------------> 100% disk/read only/ permissions

localization --------------------. rarely we will get issues

start ---------------------> if service is started with root use you can not even stop it

smoke testing ----------------> everything completed we will do smoke testing

Report ---------------------> if everything is good you can report via email

But when we are reporting we have to mention there , reason for build delay ,like

1.compile failed, dev fixed

2.server unreachable, network

we have to mention all the issues which we have faced while doing the build so that they will not blame you.

if you mentions reasons here the blame will not comes on you

1:00 video