MASTER_SLAVE ARCHITECTURE

1.Create a Master instance in AWS

2.Install Jenkins [refer installation of Jenkins.pdf] in master instance.

3.Enable the port 8080 in master instance.

4.Copy the public ip address of master instances and access the Jenkins.

5.Complete the Jenkins setup [set the path for JDK, GIT, MAVEN].

6.Go to nodes Open Built-in node, if it is offline and getting error [disk space low in /tmp].

7.Add the space in tmp directory [refer to solve disk space.pdf]-->Do in AWS instance.

8.Now come to Jenkins and check the built-in node, click on [bring this node back online].

9.Now create a slave[click on new node, give name for slave and select permanent Agent and provide the required information in configure page].

10.Create a instance for slave and install java[java version should be same in both master and slave instance] create a directory[workspace] for slave that mentioned in the Jenkins.

11.Copy the first command of slave in Jenkins and run on slave instance.

12.check the agent.jar is downloaded

13.Copy the second command and run on slave instance[copy the port no and enable it on master] and run the command once again.

14.Go and check in the Jenkins Agent is Connected or Not.

15.If slave is getting disk space low in tmp directory. [follow the steps to allocate the space].

16.Once again run the second command. Agent will get connected to the Slave.

17.Go to slave instance type Ctrl + C the agent will get disconnected.

18.Then run once again the second command by providing “&” at the end.