***Step-1***

User creation on target servers (webap, DB)

#useradd deploy01

#passwd deploy01

***Step-2***

Add deploy01 users to the sudoers file with no password authentication like below format on both the servers

#vi /etc/suoders

deploy01 ALL=(ALL) NOPASSWD: ALL

***Step-3***

Now on chef/Jenkins server

# su – jenkins

copy the id\_rsa.pub key to deploy01@webap

#ssh-copy-id deploy01@192.168.4.27

so you should now ssh the target server by usung the below commands

ssh -l deploy01@192.168.4.27

If its ok then connectivity is OK.

***Step-4***

SSH profile and tunneling creation on Jenkins server.

Add the following the entry on the /etc/ssh/ssh\_config

#cat /etc/ssh/ssh\_config

**Host db**

**HostName 192.168.4.28**

User deploy01

UserKnownHostsFile /dev/null

StrictHostKeyChecking no

ProxyCommand ssh -CW %h:%p webap

LogLevel FATAL

ControlMaster auto

ControlPath ~/.ssh/mux-%r@%h:%p

ControlPersist 30m

**Host webap**

**HostName 192.168.4.27**

User deploy01

ForwardAgent yes

ControlMaster auto

ControlPath ~/.ssh/mux-%r@%h:%p

ControlPersist 30m

So in order to connect 192.168.4.27 do the below

bash-4.1$ ssh webap

Last login: Tue Feb 16 10:14:38 2016 from 192.168.4.22

deploy01@webapp:~$

To connect our DB server via webap from Jenkins do the the below

bash-4.1$ ssh db

Welcome to Ubuntu 14.04.2 LTS (GNU/Linux 3.16.0-30-generic x86\_64)

deploy01@db:~$

***Step- 5***

Provison.sh script

#cat provisioning.sh

#/bin/bash

repository=/var/lib/jenkins/workspace/dashboard

cd ${repository}

knife solo prepare webap; knife solo cook webap; knife solo prepare db; knife solo cook db