**Lab : Archiving/Backup**

***Pre-requisites:***

Install the following plugin:

**Backup plugin:** Backup or restore your Hudson configuration files

**Setting at Jenkins server end**

1. Ssh to Jenkins machine using following commands:

**ssh devops@<ip of your server>**

when prompted,Enter password **Dev0p$!!/**

1. Type command: sudo su
2. Type command: sudo chmod 777 /var/lib

***Steps at Jenkins Application end:***

1. Login Jenkins
2. Click on **Manage Jenkins**
3. Scroll down, Click on **Backup manager**
4. Click on **Setup**
5. Enter **Backup** directory as “/tmp”
6. Select **Format** as zip
7. Select **Configuration files (.xml) only** checkbox
8. Click **Save**
9. Click on[**Backup Hudson configuration**](http://54.88.34.215:8080/backup/launchBackup)

It should start taking backup and show that a backup file is created in zip format in /tmp folder.

Note: You can confirm if the zip file is created or not by doing ssh to the Jenkins master server and navigating to /tmp using commands

sudo su, cd /tmp, ls. It should show a zip file.

1. Click on back button of browser and come to Backup manager default page
2. Click on [**Restore Hudson configuration**](http://54.88.34.215:8080/backup/launchrestore)
3. Select the zip file radio button;
4. Click **Launch Restore**
5. It should start restoring the Jenkins
6. You can navigate back to any page while is processing.
7. It should create a Jenkins\_restore folder with all the jenkins configurations file at location /var/lib in Jenkins server.

***Steps at Jenkins Server end:***

You can confirm if the jenkins\_restore folder is created or not by doing ssh to the Jenkins master server and navigating to /var/lib using the following commands :-

17. Ssh to Jenkins server

18. Type **sudo su**

19. Type **cd /var/lib**

20. Type l**s**

It should display Jenkins\_restore folder

21. Type cd Jenkins\_restore

22. Type ls

It should display all jenkins configuration files under it.