**GIT COMMANDS**

1. Take the code from remote to local repo

git clone <http://username@public-IP/gerrit/ExampleProject>

1. Add the file to staging area.

Git add <filename> git add \*

1. Commit the changes to staging area

Git commit -m “commit msg”

1. Pushing changes to remote master / particular remote server

Git push origin master git remote add origin <server>

Git push

1. Creating branches & switching over to branches

Git checkout -b branch\_name

Git checkout master -> switches back to master

1. Delete a branch

Git branch -d branch\_name

1. Pushing branch to remote

Git push origin branch\_name

**To staging env:**

git push --set-upstream origin develop

1. To pull from remote / update the local repository

Git pull

1. To merge another branch with master

Git merge branch\_name

1. Branch difference

Git diff source\_branch target\_branch

1. Logs

Git log

Git log –author=author\_name

Git log –pretty=oneline (compress log in 1 line)

Git log –name –status (displays files that has changes)

Git log –graph –oneline –decorate –all (displays tags & branches in tree format)

1. Tagging

Git tag tag\_no commit\_id (10 digits)

Checkout -> makes the local copy up-to-date

Fetch -> makes the staging env up-to-date

**git pull = git fetch + git merge**



1. Status

Git status

1. List of branches

Git branch -> displays the list of branches in that particular path