

5. GitLab-HOL

Objectives

- Explain how to clean up and push back to remote Git

In this hands-on lab, you will learn how to:

- Execute steps involving clean up and push back to remote Git.

Prerequisites

The following are the pre-requisites to complete this hands-on lab:

- Hands-on ID: “**Git-T03-HOL_002**”

Notes*:

Please follow the below steps for creating a free account in GitHub.
Do not use cognizant credentials to login to GitHub.

Estimated time to complete this lab: **10 minutes**.

Please follow the instructions to complete the hands-on. Each instruction expects a command for the Git Bash.

1. Verify if master is in clean state.

```
HP@VASUPPRADHA MINGW64 ~/GitEx (master)
$ git status
On branch master
Your branch is ahead of 'origin/master' by 11 commits.
  (use "git push" to publish your local commits)

nothing to commit, working tree clean
```

2. List out all the available branches.

```
HP@VASUPPRADHA MINGW64 ~/GitEx (master)
$ git branch
* master
```

3. Pull the remote git repository to the master

```
HP@VASUPPRADHA MINGW64 ~/GitEx (master)
$ git checkout master
Already on 'master'
Your branch is ahead of 'origin/master' by 11 commits.
(use "git push" to publish your local commits)

HP@VASUPPRADHA MINGW64 ~/GitEx (master)
$ git pull origin master
From https://gitlab.com/gitdemo-group/gitdemo
* branch      master      -> FETCH_HEAD
Already up to date.
```

4. Push the changes, which are pending from “Git-T03-HOL_002” to the remote repository.

```
HP@VASUPPRADHA MINGW64 ~/GitEx (master)
$ git push origin master
Enumerating objects: 36, done.
Counting objects: 100% (36/36), done.
Delta compression using up to 12 threads
Compressing objects: 100% (30/30), done.
Writing objects: 100% (34/34), 3.11 KiB | 795.00 KiB/s, done.
Total 34 (delta 12), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: To create a merge request for master, visit:
remote:   https://gitlab.com/gitdemo-group/gitdemo/-/merge_requests/new?merge_re
quest%5Bsource_branch%5D=master
remote:
To https://gitlab.com/gitdemo-group/gitdemo.git
b780c03..4ae71f8 master -> master
```

5. Observe if the changes are reflected in the remote repository.

