## **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\*:

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| 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.
2. List out all the available branches.
3. Pull the remote git repository to the master
4. Push the changes, which are pending from **“Git-T03-HOL\_002”** to the remote repository.
5. Observe if the changes are reflected in the remote repository.

**Solution :**

**1. Verify if master is in clean state**

git checkout master

git status

**2. List out all the available branches**

git branch -a

**3. Pull the remote git repository to the master**

git pull origin master

**4. Push the changes from Git-T03-HOL\_002 to remote**

git checkout Git-T03-HOL\_002

git push origin Git-T03-HOL\_002

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

(Just open your **GitLab/GitHub** repo in the browser and check if the branch and commits are updated.)  
You can also verify from terminal:

git log origin/Git-T03-HOL\_002 --oneline