**5. Git-HOL**

**Hands-on in this document**

**Clean Up & Push to Remote Git – Hands-on Lab**

**Objectives**

* Learn to clean up the local repository.
* Push local changes to a remote Git repository.

**Estimated Time:** 10 minutes

**Prerequisites**

* Completed **Git-T03-HOL\_002** (Merge Conflict Resolution).
* Git is installed and configured.
* Remote Git repository (GitHub/GitLab) is linked to the local repo.
* **Do not use Cognizant credentials** for GitHub/GitLab.

**Step 1 – Verify Master is Clean**

git checkout master

git status

Ensure the output says: *nothing to commit, working tree clean*.

**Step 2 – List All Branches**

git branch -a

This shows all local and remote branches.  
Example:

\* master

remotes/origin/master

**Step 3 – Pull Latest Remote Changes**

git pull origin master

This ensures your local master branch is up-to-date with the remote repository.

**Step 4 – Push Pending Changes**

If **Git-T03-HOL\_002** created commits that were not pushed:

git push origin master

This sends your local commits to the remote repository.

**Step 5 – Verify on Remote**

* Go to your GitHub or GitLab repository page in the browser.
* Check if the commits from **Git-T03-HOL\_002** are now visible.
* Confirm that files match your latest local changes.