



Placement Empowerment Program
Cloud Computing and DevOps Centre

100 Days of DevOps Challenge

Day 30 : Git hard reset

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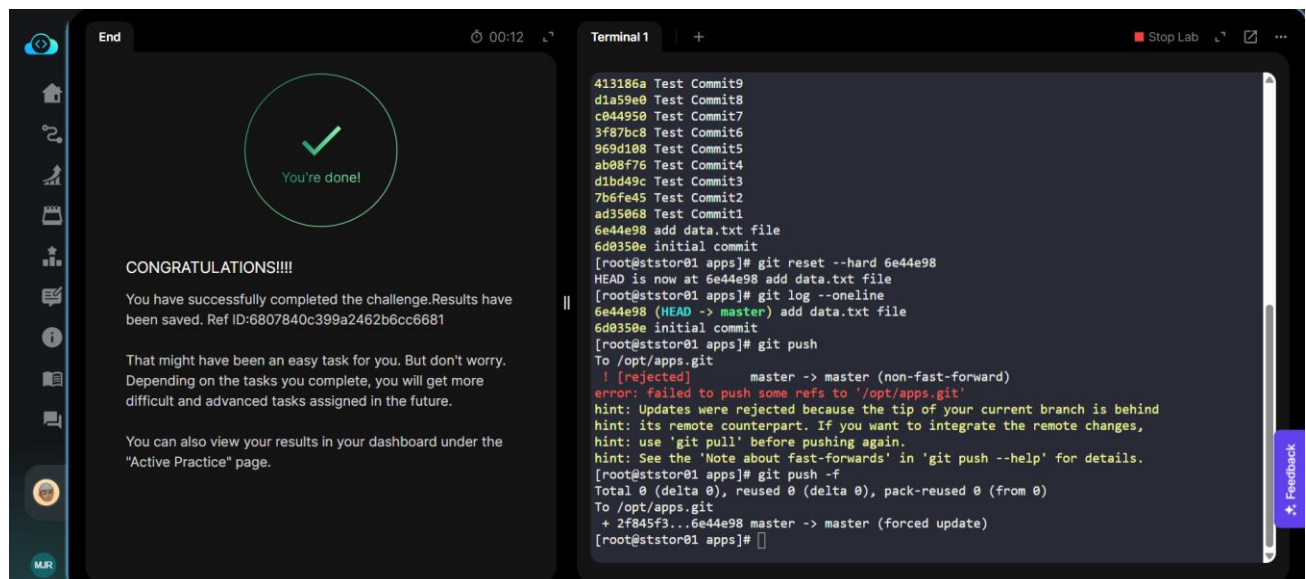
Git hard reset

Objective :


The objective is to reset a Git repository to a specific commit, effectively removing all subsequent commits from the history, and then push the changes to the remote repository.


Steps Performed :

- ❑ **Change to the repository directory:**
 - `cd /usr/src/kodekloudrepos/apps`
- ❑ **Find the commit hash for "add data.txt file":**
 - `git log -oneline`
- ❑ **Perform a hard reset to the target commit:**
 - `git reset -hard`
 - Replace <commit_hash> with the actual hash you found in the previous step.
- ❑ **Force push the changes to the remote repository:**
 - `git push --force`




```
413186a Test Commit9
d1a59e0 Test Commit8
c044950 Test Commit7
3f87bc8 Test Commit6
969d108 Test Commit5
ab08f76 Test Commit4
d1bd49c Test Commit3
7b6fe45 Test Commit2
ad35068 Test Commit1
6e44e98 add data.txt file
6d0350e initial commit
[root@ststor01 apps]# git reset --hard 6e44e98
HEAD is now at 6e44e98 add data.txt file
[root@ststor01 apps]# git log -oneline
6e44e98 (HEAD -> master) add data.txt file
6d0350e initial commit
[root@ststor01 apps]# git push
To /opt/apps.git
 ! [rejected]        master -> master (non-fast-forward)
error: failed to push some refs to '/opt/apps.git'
hint: Updates were rejected because the tip of your current branch is behind
hint: its remote counterpart. If you want to integrate the remote changes,
hint: use 'git pull' before pushing again.
hint: See the 'Note about fast-forwards' in 'git push --help' for details.
[root@ststor01 apps]# git push -f
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To /opt/apps.git
 + 2f845f3...6e44e98 master -> master (forced update)
[root@ststor01 apps]#
```







Congrats!


You have completed the task successfully.




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60

600

 Share your success card