Setup Git from scratch

Some new developers have joined xFusionCorp Industries and have been assigned Nautilus project. They are going to start development on a new application, and some pre-requisites have been shared with the DevOps team to proceed with. Please note that all tasks need to be performed on storage server in Stratos DC.

a. Install git, set up any values for user.email and user.name globally and create a bare repository /opt/ecommerce.git.

b. There is an update hook (to block direct pushes to master branch) under /tmp on storage server itself; use the same to block direct pushes to master branch in /opt/ecommerce.git repo.

c. Clone /opt/ecommerce.git repo in /usr/src/kodekloudrepos/ecommerce directory.

d. Create a new branch xfusioncorp\_ecommerce in repo that you cloned in /usr/src/kodekloudrepos.

e. There is a readme.md file in /tmp on storage server itself; copy that to repo, add/commit in the new branch you created, and finally push your branch to origin.

f. Also create master branch from your branch and remember you should not be able to push to master as per hook you have set up.

Solution

yum install git -y

git config –global –add user.name natasha

git config –global –add user.email [natasha@stratos.xfusioncorp.com](mailto:natasha@stratos.xfusioncorp.com)

git init –bare /opt/ecommerce.git

cp /tmp/update /opt/ecommerce.git/hooks

cd /usr/src/kodekloudrepos

git clone /opt/ecommerce.git

cd ecommerce

git checkout -b xfusioncorp\_ecommerce

cp /tmp/reademe.md .

git status

git add readme.md

git status

git commit -m “readme file”

git push origin xfusioncorp\_ecommerce

git status

git checkout -b master

git branch

git push origin master