

```
na@ststor01 kodekloudrepos]$ sudo chown -R natasha:natasha /usr/src/kodekloudrepos/cluster/
```

st you have received the usual lecture from the local System  
strator. It usually boils down to these three things:

- ) Respect the privacy of others.
- ) Think before you type.
- ) With great power comes great responsibility.

password for natasha:

```
na@ststor01 kodekloudrepos]$ ls -la /opt/cluster.git/
```

```
40
```

```
kr-x 7 root root 4096 Sep  7 08:54 .
kr-x 1 root root 4096 Sep  7 08:54 ..
-r-- 1 root root  23 Sep  7 08:54 HEAD
kr-x 2 root root 4096 Sep  7 08:54 branches
-r-- 1 root root  66 Sep  7 08:54 config
-r-- 1 root root  73 Sep  7 08:54 description
kr-x 2 root root 4096 Sep  7 08:54 hooks
kr-x 2 root root 4096 Sep  7 08:54 info
kr-x 8 root root 4096 Sep  7 08:54 objects
kr-x 4 root root 4096 Sep  7 08:54 refs
```

```
na@ststor01 kodekloudrepos]$ sudo chown -R natasha:natasha /opt/cluster.git/
```

```
na@ststor01 kodekloudrepos]$ pwd
```

```
/usr/src/kodekloudrepos
```

```
na@ststor01 kodekloudrepos]$ ls -la
```

```
12
```

```
kr-x 3 root root 4096 Sep  7 08:54 .
kr-x 1 root root 4096 Sep  7 08:54 ..
kr-x 3 natasha natasha 4096 Sep  7 08:54 cluster
```

```
na@ststor01 kodekloudrepos]$ cd cluster/
```

```
na@ststor01 cluster]$ pwd
```

```
/usr/src/kodekloudrepos/cluster
```

```
na@ststor01 cluster]$ ls -la
```

```
20
```

```
kr-x 3 natasha natasha 4096 Sep  7 08:54 .
kr-x 3 root root 4096 Sep  7 08:54 ..
kr-x 8 natasha natasha 4096 Sep  7 08:54 .git
-r-- 1 natasha natasha  34 Sep  7 08:54 info.txt
-r-- 1 natasha natasha  26 Sep  7 08:54 welcome.txt
```

1. Create a new branch `datacenter` in `/usr/src/kodekloudrepos/cluster` repo from `master` and copy the `/tmp/index.html` file (present on storage server itself) into the repo.
2. Further, add/commit this file in the new branch and merge back that branch into `master` branch.
3. Finally, push the changes to the origin for both of the branches.

```
[natasha@ststor01 cluster]$ git checkout -b datacenter
Switched to a new branch 'datacenter'
[natasha@ststor01 cluster]$ cp /tmp/index.html .
[natasha@ststor01 cluster]$ git add index.html
[natasha@ststor01 cluster]$ git commit -m "Add index.html file to datacenter branch"
Author identity unknown
```

\*\*\* Please tell me who you are.

Run

```
git config --global user.email "you@example.com"
git config --global user.name "Your Name"
```

to set your account's default identity.

Omit --global to set the identity only in this repository.

fatal: empty ident name (for <natasha@ststor01.stratos.xfusioncorp.com>) not allowed

```
[natasha@ststor01 cluster]$ git config --global user.name "natasha"
```

```
[natasha@ststor01 cluster]$ git commit -m "Add index.html file to datacenter branch"
```

```
[datacenter 2406caa] Add index.html file to datacenter branch
```

```
Committer: natasha <natasha@ststor01.stratos.xfusioncorp.com>
```

Your name and email address were configured automatically based  
on your username and hostname. Please check that they are accurate.

You can suppress this message by setting them explicitly:

```
git config --global user.name "Your Name"
git config --global user.email you@example.com
```

After doing this, you may fix the identity used for this commit with:

```
git commit --amend --reset-author
```

1 file changed, 1 insertion(+)

create mode 100644 index.html

```
[natasha@ststor01 cluster]$ git push origin datacenter
```

Enumerating objects: 4, done.

Counting objects: 100% (4/4), done.

Delta compression using up to 16 threads

Compressing objects: 100% (2/2), done.

Writing objects: 100% (3/3), 365 bytes | 365.00 KiB/s, done.

Total 3 (delta 0), reused 0 (delta 0), pushed 3 (delta 0)

```
[natasha@ststor01 cluster]$ git checkout master  
Switched to branch 'master'  
Your branch is up to date with 'origin/master'.  
[natasha@ststor01 cluster]$ git merge datacenter  
Updating ded3096..2406caa  
Fast-forward  
 index.html | 1 +  
 1 file changed, 1 insertion(+)  
 create mode 100644 index.html  
[natasha@ststor01 cluster]$ git push origin master  
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)  
To /opt/cluster.git  
 ded3096..2406caa master -> master  
[natasha@ststor01 cluster]$ git remote -v  
origin /opt/cluster.git (fetch)  
origin /opt/cluster.git (push)  
[natasha@ststor01 cluster]$ git ls-remote origin  
2406caa8844acf9be5dc98bc7f25c841ba90ff54 HEAD  
2406caa8844acf9be5dc98bc7f25c841ba90ff54 refs/heads/datacenter  
2406caa8844acf9be5dc98bc7f25c841ba90ff54 refs/heads/master  
[natasha@ststor01 cluster]$ git log --oneline -n 5  
2406caa (HEAD -> master, origin/master, origin/datacenter, datacenter) Add index.html file to datacenter branch  
ded3096 initial commit  
[natasha@ststor01 cluster]$ git history
```

End00:36

Oops!

No worries!!

Uh oh! Looks like the task was not completed successfully. But it's Ok. You can try again next time this task is assigned to you.

✖

- new git branch 'datacenter' is not created under '/usr/src/kodekloudrepos/cluster/' repo on Storage server

You may check your work again to see what went wrong. The environment expires in 5 minutes.

If you think you did your work correctly and is marked failed, you may request for a review from your task dashboard. Or alternatively please submit outputs/screenshot(s) of your work and post to [community.kodekloud.com](https://community.kodekloud.com)

You can also view your results in your dashboard under the "Active Practice" page.

Terminal 1+

Warning: This lab will terminate in 1 minute.

2406caa8844acf9be5dc98bc7f25c841ba90ff54HEAD  
2406caa8844acf9be5dc98bc7f25c841ba90ff54refs/heads/datacenter  
2406caa8844acf9be5dc98bc7f25c841ba90ff54refs/heads/master  
[natasha@ststor01 cluster]\$ git log --oneline -n 5  
2406caa (HEAD -> master, origin/master, origin/datacenter, datacenter) Add index.html file to datacenter branch  
ded3096 initial commit  
[natasha@ststor01 cluster]\$ history  
1 cd /usr/src/kodekloudrepos  
2 ls -la  
3 sudo chown -R natasha:natasha /usr/src/kodekloudrepos/cluster/  
4 ls -la /opt/cluster.git/  
5 sudo chown -R natasha:natasha /opt/cluster.git/  
6 pwd  
7 ls -la  
8 cd cluster/  
9 pwd  
10 ls -la  
11 git checkout -b datacenter  
12 cp /tmp/index.html .  
13 git add index.html  
14 git commit -m "Add index.html file to datacenter branch"  
15 git config --global user.name "natasha"  
16 git commit -m "Add index.html file to datacenter branch"  
17 git push origin datacenter  
18 git checkout master  
19 git merge datacenter  
20 git push origin master  
21 git remote -v  
22 git ls-remote origin  
23 git log --oneline -n 5  
24 history  
[natasha@ststor01 cluster]\$ pwd  
/usr/src/kodekloudrepos/cluster  
[natasha@ststor01 cluster]\$ git branch  
datacenter  
\* master  
[natasha@ststor01 cluster]\$ git checkout datacenter && ls -la index.html  
Switched to branch 'datacenter'  
-rw-r--r-- 1 natasha natasha 27 Sep 7 09:05 index.html  
[natasha@ststor01 cluster]\$ git log --oneline --graph --all  
\* 2406caa (HEAD -> datacenter, origin/master, origin/datacenter, master) Add index.html file to datacenter branch  
\* ded3096 initial commit  
[natasha@ststor01 cluster]\$