# From GitHub to Staging Deployment

## 1 . Clone globalclassroom4\_claen from Github

In Staging Machine,

**Go to /var/www**

**In /var/www,**

**Remove or Rename globalclassroom4 and globalclassroom4\_clean, if they are present in /var/www.**

**sudo rm -rf globalclassroom4**

**Sudo password for timgolden: Global1!**

**sudo rm -rf globalclassroom4\_clean**

**Clone globalclassroom4\_clean from GitHub**

**sudo git clone** [**https://github.com/m17415/globalclassroom4\_clean**](https://github.com/m17415/globalclassroom4_clean)

**Once we run the above command, it will ask for GitHub username and password**

**Username for github :** [mohan@msvi.org](mailto:mohan@msvi.org)

**Password for github : mgit3xr5**

**Run ls and see if the globalclassroom4\_clean is listed out in /var/www**

**If globalclassroom4\_clean is listed in /var/www, run cd globalclassroom4\_clean and go to the below folder**

**In /var/www/globalclassroom4\_clean**

**Run the command, git branch and make sure it is pointing the branch Master**

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## 2 . Create a symbolic link (gc4update) and Run gc4update using the Symbolic link

Run the below command for creating symbolic link to /var/www/globalclassroom4\_clean/gcupate.

In /var/www/

**sudo ln –s /var/www/globalclassroom4\_clean/gc4update /usr/local/bin/gc4update**

**If the symbolic link exists, it will not be recreated , else it will be created in the below location**

**/usr/local/bin/**

**In /var/www**

**Run the Symbolic link gc4update by the following command**

**sudo /usr/local/bin/gc4update**

**Sudo password for Timgolden : Global1!**

**Username for “github.com” :** [**mohan@msvi.org**](mailto:mohan@msvi.org)

**Password for “github.com” : mgit3xr5**

**Run ls and see if the globalclassroom4 is created**

**ls –la**

## 3 . Run rsync for overwrites and nonoverwrites

**Go to globalclassroom4 and Run the rsync**

**cd globalclassroom4**

**In /var/www/globalclassroom4**

**Run rsync for overwrites and nonoverwrites**

**sudo rsync –r ./nonoverwrites/ .**

**sudo rsync –r ./overwrites/ .**

## 4 . Make DB changes and remove prod folder from Cache

**Go to /var/www**

**cd ..**

**In /var/www**

**Change permissions for globalclassroom4 and point www-data to globalclassroom4 by following commands**

**sudo chmod –R 777 globalclassroom4**

**sudo chown –R www-data:www-data globalclassroom4**

**Make the DB changes in the below 2 folders**

/var/www/globalclassroom4/databases.yml /var/www/globalclassroom4/lib/model/gcr\_model/gcr.class.php

For staging :

Database IP: 54.225.112.136

For DMC3:

Database IP:

**Remove prod folder in cache**

/var/www/globalclassroom4/cache/frontend/prod