

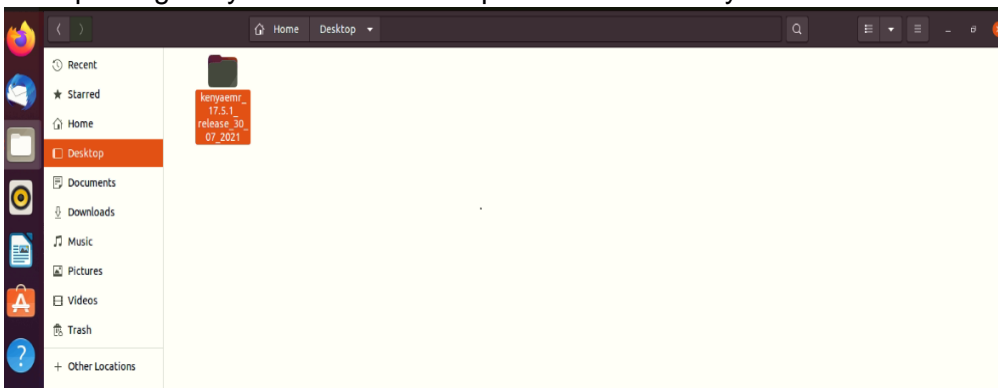
KenyaEMR Upgrade SOP

Last updated: July 2023

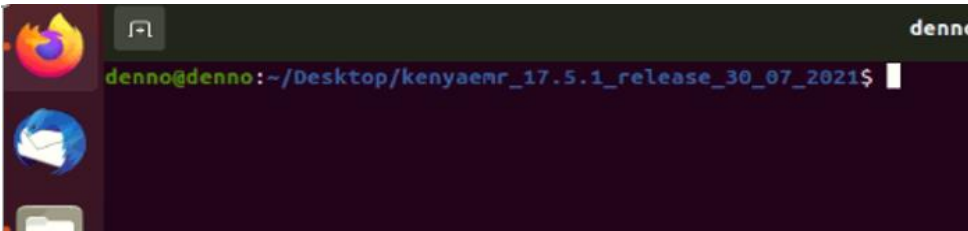
Objectives:	To maintain and keep the KenyaEMR implementation up to date
Task:	To successfully perform KenyaEMR upgrade at the facility level
Target Audience:	System Admins, HRIO, EMR Champions
Required Materials:	Reliable internet, External Drive, Upgrade Package

WARNING! Perform a database backup before starting this upgrade process.

1. Download the new upgrade package from GitHub repository. Copy the new upgrade package to your Ubuntu desktop or Home directory

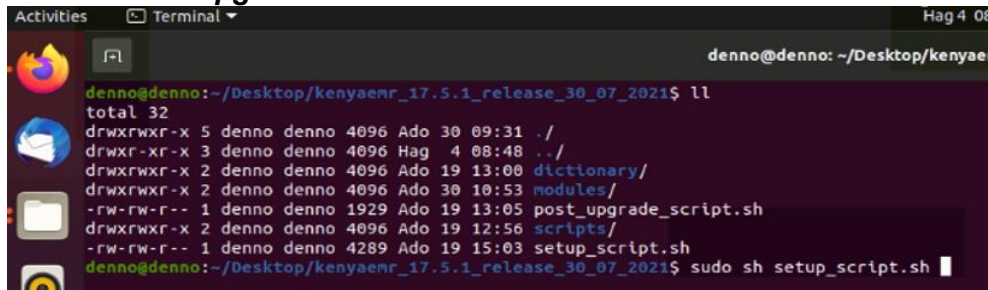


2. Open the terminal i.e. **Ctrl+Alt+t**
3. Navigate into the upgrade package folder i.e. **cd /Desktop/upgrade_package** and hit enter.



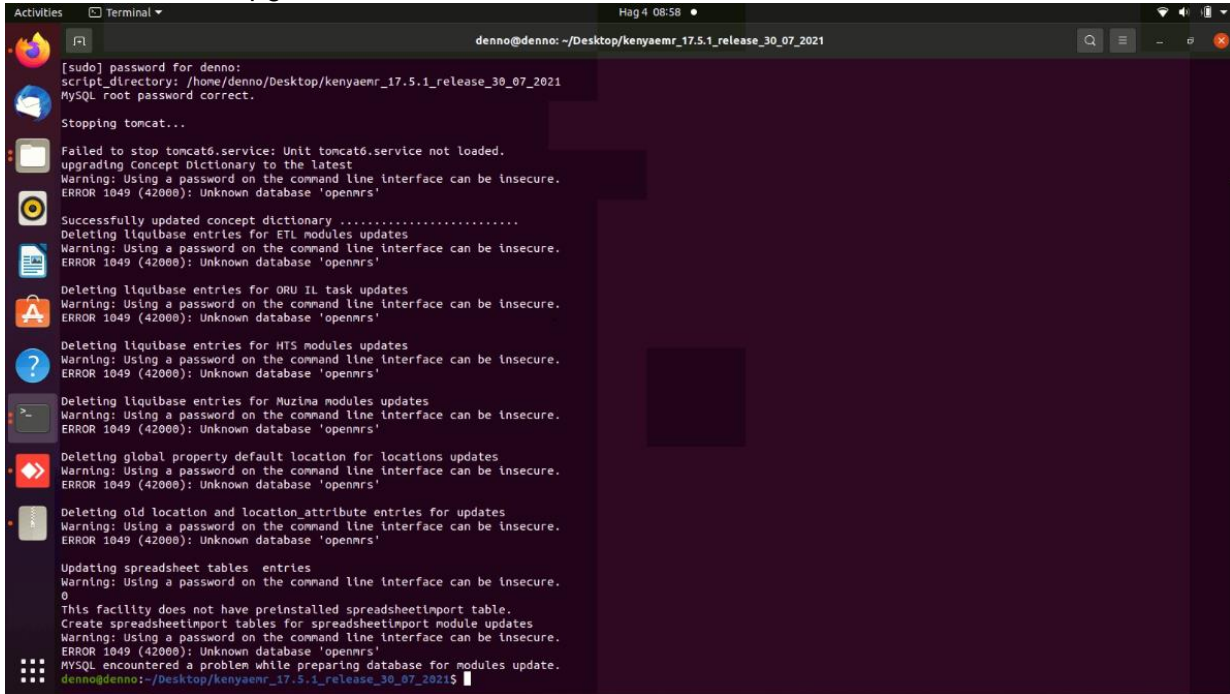
4. Run the Upgrade script as a super user i.e.

sudo sh upgrade.sh



(You will be required to supply your password and hit enter)

5. Wait for the upgrade to run to the end.



```
denno@denno: ~/Desktop/kenyaemr_17.5.1_release_30_07_2021
[sudo] password for denno:
script_directory: /home/denno/Desktop/kenyaemr_17.5.1_release_30_07_2021
MySQL root password correct.

Stopping tomcat...

Failed to stop tomcat6.service: Unit tomcat6.service not loaded.
upgrading concept Dictionary to the latest
Warning: Using a password on the command line interface can be insecure.
ERROR 1049 (42000): Unknown database 'openmrs'

Successfully updated concept dictionary .....
Deleting liquibase entries for ETL modules updates
Warning: Using a password on the command line interface can be insecure.
ERROR 1049 (42000): Unknown database 'openmrs'

Deleting liquibase entries for ORU IL task updates
Warning: Using a password on the command line interface can be insecure.
ERROR 1049 (42000): Unknown database 'openmrs'

Deleting liquibase entries for HTS modules updates
Warning: Using a password on the command line interface can be insecure.
ERROR 1049 (42000): Unknown database 'openmrs'

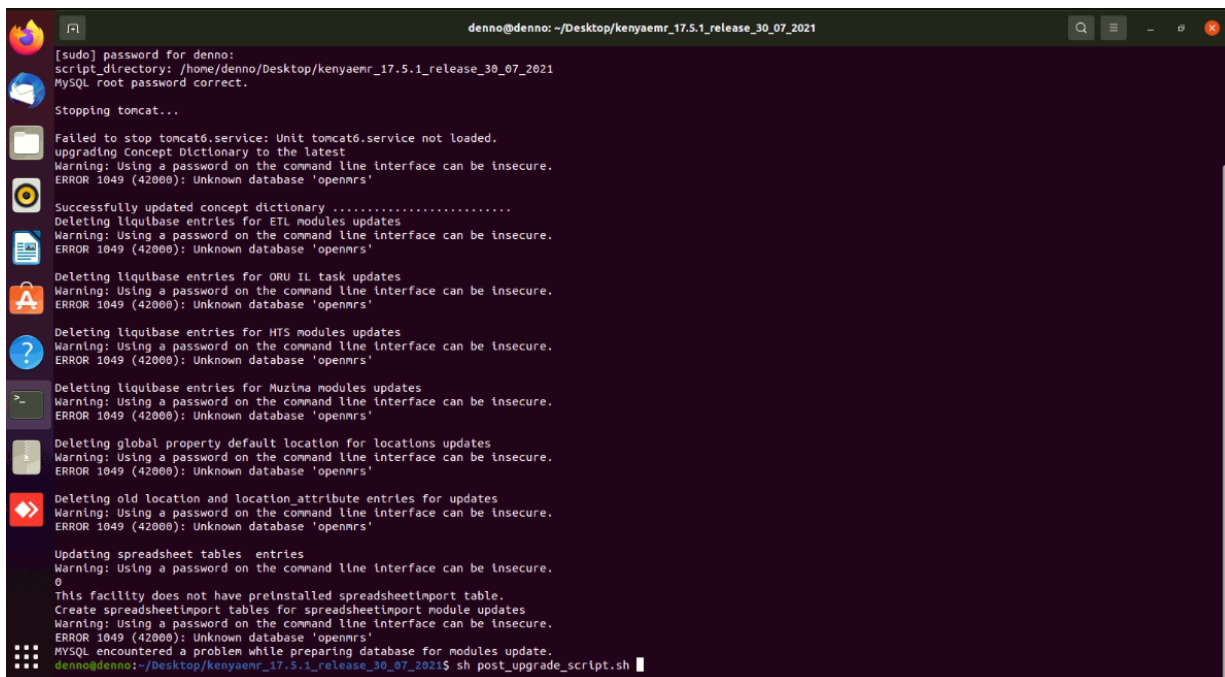
Deleting liquibase entries for Muzina modules updates
Warning: Using a password on the command line interface can be insecure.
ERROR 1049 (42000): Unknown database 'openmrs'

Deleting global property default location for locations updates
Warning: Using a password on the command line interface can be insecure.
ERROR 1049 (42000): Unknown database 'openmrs'

Deleting old location and location attribute entries for updates
Warning: Using a password on the command line interface can be insecure.
ERROR 1049 (42000): Unknown database 'openmrs'

Updating spreadsheet tables entries
Warning: Using a password on the command line interface can be insecure.
0
This facility does not have preinstalled spreadsheetimport table.
Create spreadsheetimport tables for spreadsheetimport module updates
Warning: Using a password on the command line interface can be insecure.
ERROR 1049 (42000): Unknown database 'openmrs'
MySQL encountered a problem while preparing database for modules update.
denno@denno:~/Desktop/kenyaemr_17.5.1_release_30_07_2021$
```

6. Run any other post upgrade script (if any). Otherwise, the process ends at this point.
Run the Post Upgrade script as a super user i.e. ***sudo sh post_upgrade.sh***



```
denno@denno: ~/Desktop/kenyaemr_17.5.1_release_30_07_2021
[sudo] password for denno:
script_directory: /home/denno/Desktop/kenyaemr_17.5.1_release_30_07_2021
MySQL root password correct.

Stopping tomcat...

Failed to stop tomcat6.service: Unit tomcat6.service not loaded.
upgrading concept Dictionary to the latest
Warning: Using a password on the command line interface can be insecure.
ERROR 1049 (42000): Unknown database 'openmrs'

Successfully updated concept dictionary .....
Deleting liquibase entries for ETL modules updates
Warning: Using a password on the command line interface can be insecure.
ERROR 1049 (42000): Unknown database 'openmrs'

Deleting liquibase entries for ORU IL task updates
Warning: Using a password on the command line interface can be insecure.
ERROR 1049 (42000): Unknown database 'openmrs'

Deleting liquibase entries for HTS modules updates
Warning: Using a password on the command line interface can be insecure.
ERROR 1049 (42000): Unknown database 'openmrs'

Deleting liquibase entries for Muzina modules updates
Warning: Using a password on the command line interface can be insecure.
ERROR 1049 (42000): Unknown database 'openmrs'

Deleting global property default location for locations updates
Warning: Using a password on the command line interface can be insecure.
ERROR 1049 (42000): Unknown database 'openmrs'

Deleting old location and location attribute entries for updates
Warning: Using a password on the command line interface can be insecure.
ERROR 1049 (42000): Unknown database 'openmrs'

Updating spreadsheet tables entries
Warning: Using a password on the command line interface can be insecure.
0
This facility does not have preinstalled spreadsheetimport table.
Create spreadsheetimport tables for spreadsheetimport module updates
Warning: Using a password on the command line interface can be insecure.
ERROR 1049 (42000): Unknown database 'openmrs'
MySQL encountered a problem while preparing database for modules update.
denno@denno:~/Desktop/kenyaemr_17.5.1_release_30_07_2021$ sh post_upgrade_script.sh
```

7. Wait for the upgrade to run to the end. You will have successfully upgraded KenyaEMR to the latest version

```
denno@denno: ~/Desktop/kenyaemr_17.5.1_release_30_07_2021
Deleting global property default location for locations updates
Warning: Using a password on the command line interface can be insecure.
ERROR 1049 (42000): Unknown database 'openmrs'

Deleting old location and location attribute entries for updates
Warning: Using a password on the command line interface can be insecure.
ERROR 1049 (42000): Unknown database 'openmrs'

Updating spreadsheet tables entries
Warning: Using a password on the command line interface can be insecure.
0
This facility does not have preinstalled spreadsheetimport table.
Create spreadsheetimport tables for spreadsheetimport module updates
Warning: Using a password on the command line interface can be insecure.
ERROR 1049 (42000): Unknown database 'openmrs'
MYSQL encountered a problem while preparing database for modules update.
denno@denno:~/Desktop/kenyaemr_17.5.1_release_30_07_2021$ sh post_upgrade_script.sh
MYSQL root password correct.

Stopping tomcat...
Failed to stop tomcat6.service: Unit tomcat6.service not loaded.
Updating location_id in visit entries
Warning: Using a password on the command line interface can be insecure.
ERROR 1049 (42000): Unknown database 'openmrs'

Updating location_id in encounter entries
Warning: Using a password on the command line interface can be insecure.
ERROR 1049 (42000): Unknown database 'openmrs'

Updating location_id in obs entries
Warning: Using a password on the command line interface can be insecure.
ERROR 1049 (42000): Unknown database 'openmrs'

Updating location_id in patient_identifier entries
Warning: Using a password on the command line interface can be insecure.
ERROR 1049 (42000): Unknown database 'openmrs'

Successfully completed post upgrade tasks .....

Starting tomcat...
Failed to start tomcat6.service: Unit tomcat6.service not found.
denno@denno:~/Desktop/kenyaemr_17.5.1_release_30_07_2021$
```

Close the terminal.

END