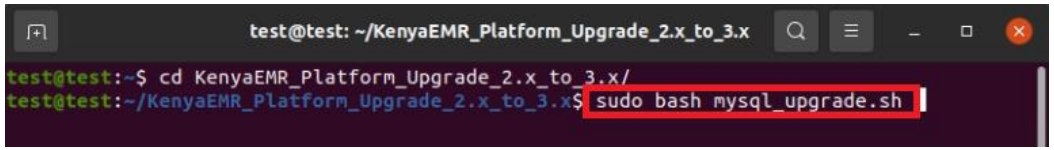
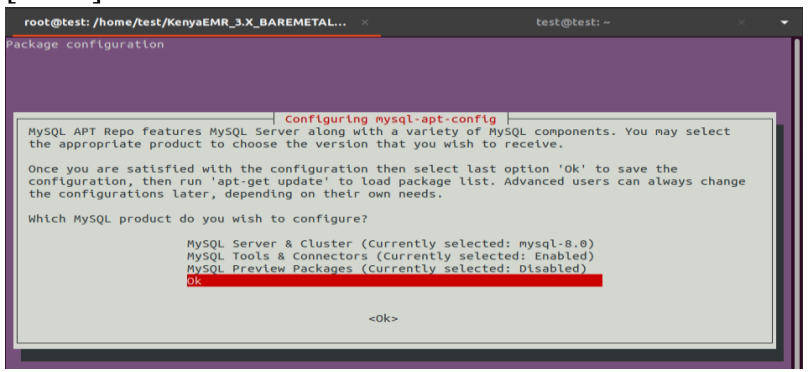
SOP: KenyaEMR2.x to 3.x Platform Upgrade Guide

(Last updated: Mar 2024)

Goal	To effectively upgrade KenyaEMR Platform from 2.x to 3.x
Who	HIS focal person, EMR Champion
Requirements	Functional KenyaEMR server running on 2.x , Internet, KenyaEMR_Platform_Upgrade_2.x_to_3.x package

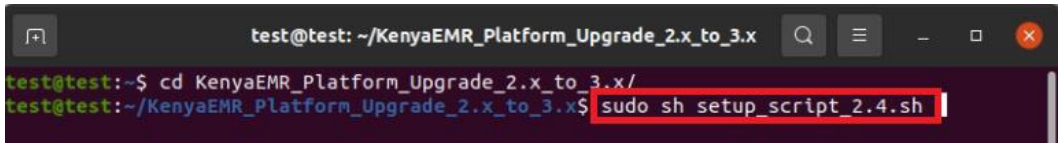
Setup Instructions

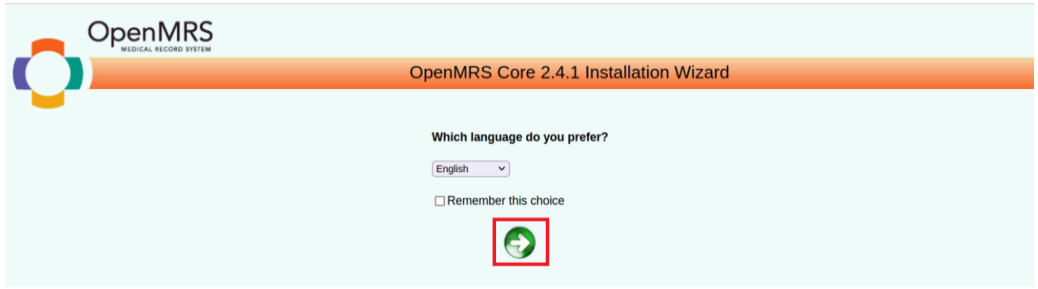
Step 1: Obtain the installation resources
After downloading the upgrade package, extract it to the 'Home directory'

Instruction	Illustration
Step 1: Download the latest KenyaEMR_Platform_Upgrade_2.x_to_3.x Package (Note: Internet connectivity is required). Extract the package to 'Home Directory' Use **Ctr+Alt+T** to open the Terminal window Navigate into the folder: `cd folder_name` [ENTER] Type the following command to initiate the upgrade process: `sudo bash mysql_upgrade.sh` [ENTER] The script will perform the following actions: ✓ Backup all databases in MySQL ✓ Remove MySQL 5.6 completely ✓ Install MySQL 8.0 and configure ✓ Create 'root' user and grant privileges ✓ Restore the backed up openmrs database **Step 2**: **Upgrade to Platform 2.4** `sudo sh setup_script_2.4.sh [Enter]` The script will perform the following actions:	 NB: Monitor the process and when prompted for password, enter MySQL password and press [Enter] When below window appears, select 'Ok' using down-arrow key then press [Enter] to continue 

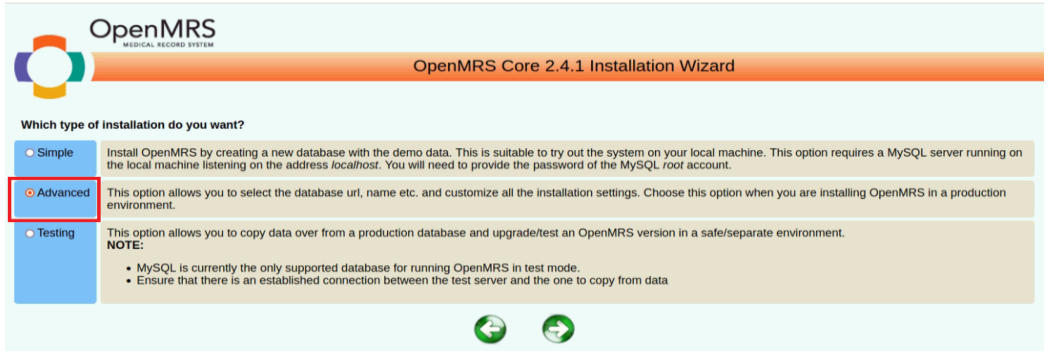
✓ Upgrade concept dictionary

This page will load when you refresh browser for a successful update, click on the arrow to continue with first time setup

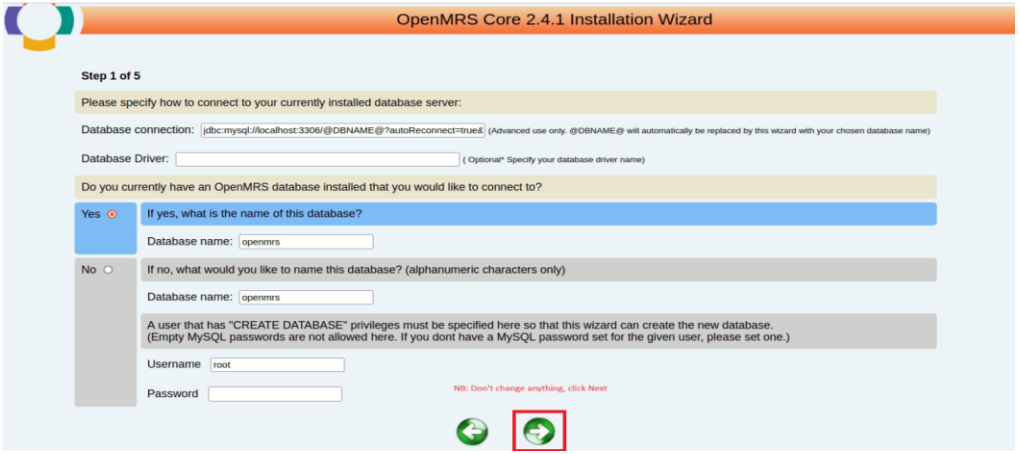
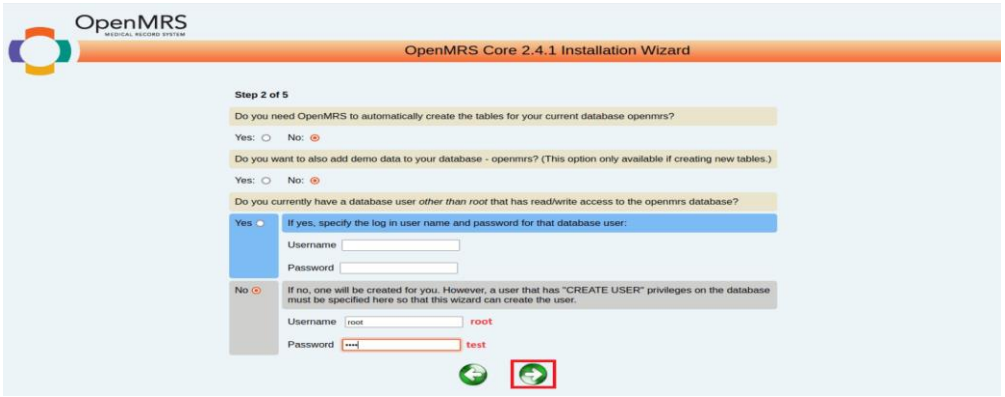




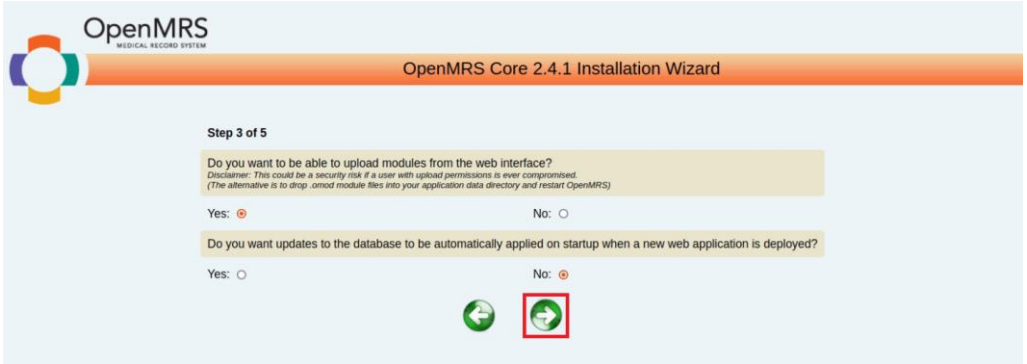
Select Advanced option as shown and click next (Right Arrow) to continue



Leave default options and click next as shown

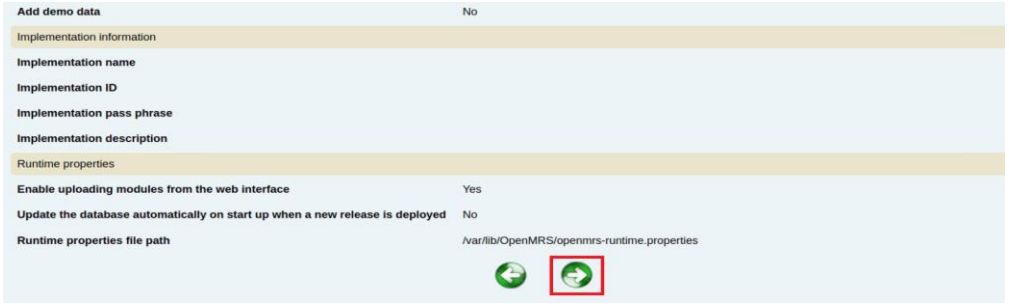
Select ‘No’ and enter appropriate MySQL username and password (**root** and **test** respectively) then click next to continue	
Leave default options and click next as shown	
Leave default options and click next as shown	

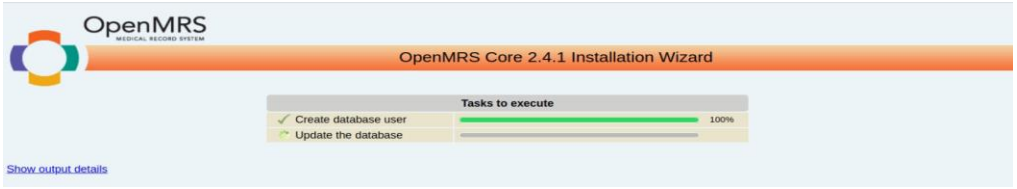
Scroll down and click next as shown to continue

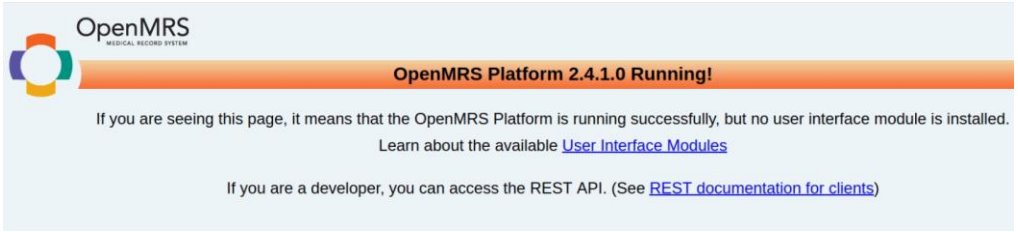


Wait until the process is complete

When completed successfully, this page will be loaded on the browser




OpenMRS
MEDICAL RECORD SYSTEM
OpenMRS Core 2.4.1 Installation Wizard
Tasks to execute
Create database user
100%
Update the database
Show output details

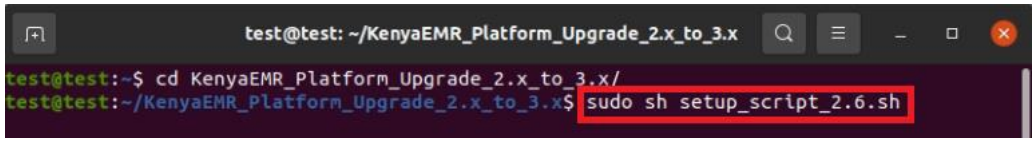

OpenMRS
MEDICAL RECORD SYSTEM
OpenMRS Platform 2.4.1.0 Running!
If you are seeing this page, it means that the OpenMRS Platform is running successfully, but no user interface module is installed.
Learn about the available User Interface Modules
If you are a developer, you can access the REST API. (See REST documentation for clients)

Step 2: **Upgrade to Platform 2.6**

`sudo sh setup_script_2.6.sh [Enter]`

The script will perform the following actions:

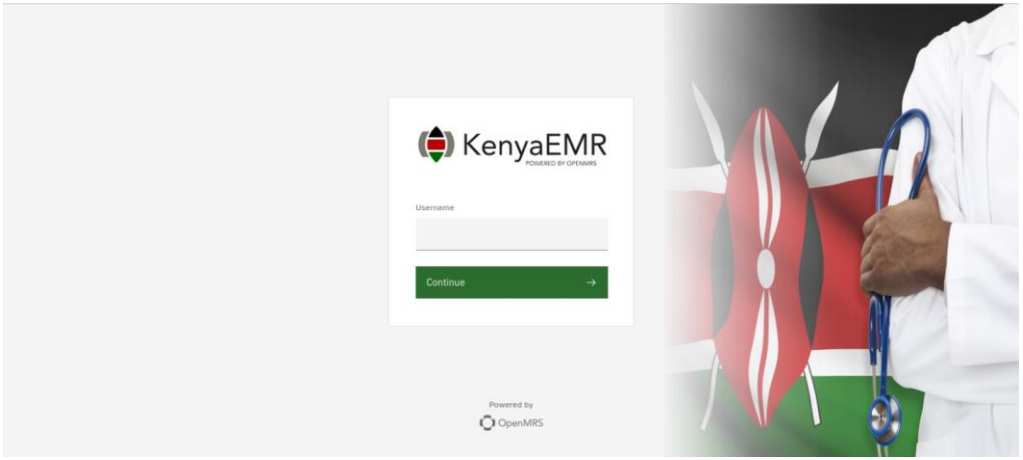
- ✓ Upgrade concept dictionary
- ✓ Update modules
- ✓ Resolve CSRF token issues
- ✓ Update Address template hierarchy



When the process is complete, refresh browser and provide login credentials (admin and Admin123) then click next to continue

Scroll down and click next to continue

Wait until the upgrade is completed successfully. Confirm by refreshing browser to load KenyaEMR 3.x login page as shown

Note: Run the `post_upgrade.sh` script after recreating ETL tables. Congratulations! You have successfully upgraded KenyaEMR platform from 2.x to 3.x	

- For further support, contact KenyaHMIS service desk through the toll-free number **0800722440.**

THE END