Simple guide on DQA Data extraction process from KenyaEMR

Last Updated on 9th Dec 2022
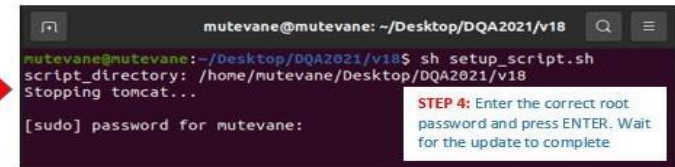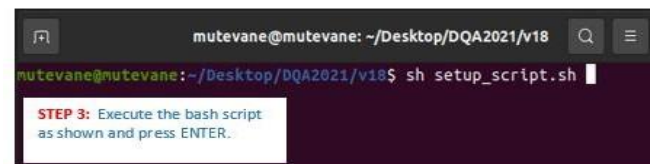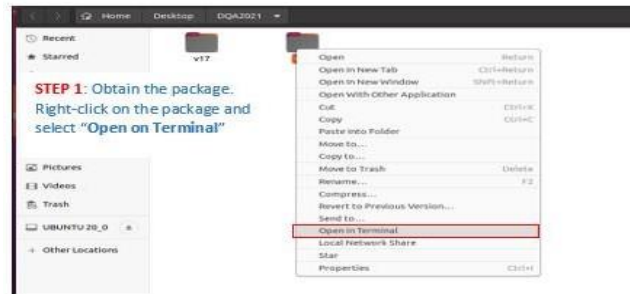
KenyaEMR has been enhances to include a report extract for use in the National DQA exercise. The extract is randomized based on the sample size that has been set by NASCOP. The following simple steps illustrate how to generate DQA data from KenyaEMR at the facility during the DQA exercise.

**Step 1:** Perform the module update on KenyaEMR

NOTE!!!!!

Please check if the DQA 2022 Report is already existing before performing this module update. If exist, skip the upgrade, and proceed with DQA process as outlined.

Also that whereas the upgrade package name may be different from the provided illustrations, the upgrade process remains the same.
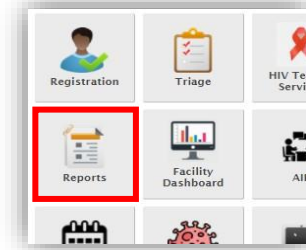

STEP 1: Obtain the package. Right-click on the package and select "Open on Terminal"

STEP 2: The file path will open on Terminal.

STEP 3: Execute the bash script as shown and press ENTER.

STEP 4: Enter the correct root password and press ENTER. Wait for the update to complete

STEP 5: The process is completed when tomcat has restarted, and the prompt is back.
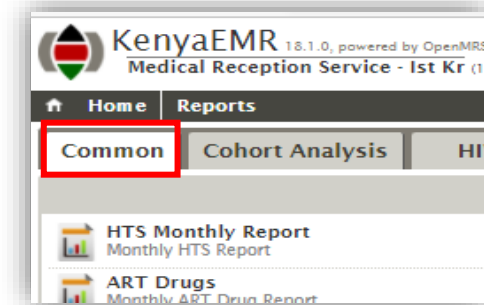
Proceed with the DQA as outlined in the next section
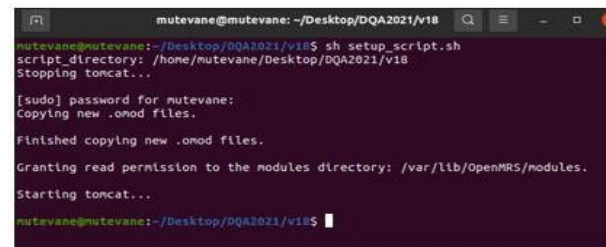
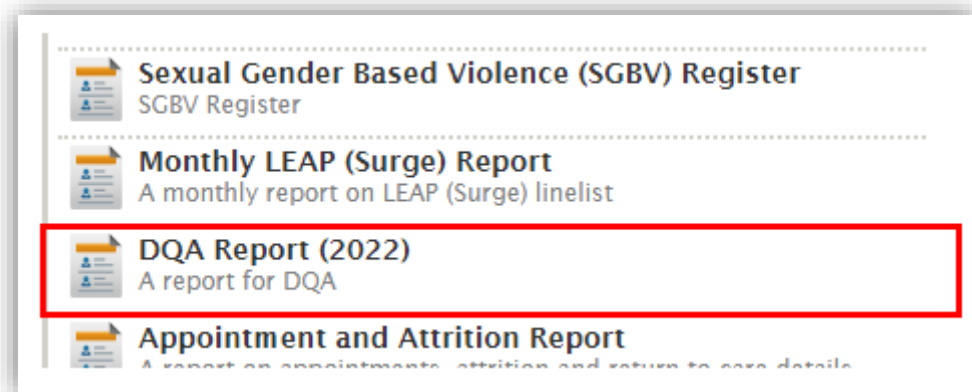| **Step 2:** Log into KenyaEMR system. You will need to log into KenyaEMR, then click "Home". On the "Home" icons, click "Report" as shown below. Follow the rest of the steps as illustrated.	
Step 3: On the reporting panel select the "**Common**" Tab	
Step 4: Navigate the list of available reports and open the "DQA Report (2022)"	

Step 5: On the Task menu, click "Request Report"	**Tasks** ▶ Request report ◀ Back to home
Step 6: Specify the reporting period of your interest and click "**Request**". Wait for the report	**Request Report** Report DQA Report (2022) Date Range **Start Date:** 01-Jul-2022 **End Date:** 30-Nov-2022 ▶ Request ⊘ Cancel
Step 7: Under the Finished report section, choose any of the available visualization formats. For best visualization, open the report in **Excel**	**Summary** Name: **DQA Report (2022)** Description: **A report for DQA** **Queue** Requested By Report file name Status Time taken *None* **Finished** Requested By Report file name Status Time taken 09-Dec-2022 14:18 ngoyo, ngoyo ngoyo DQA Report (2022)_Jul-2022 COMPLETED 00:00:37 🔍 View CSV Excel 09-Dec-2022 12:56 ngoyo, ngoyo ngoyo DQA Report (2022)_Jul-2022 COMPLETED 00:00:44 🔍 View CSV Excel
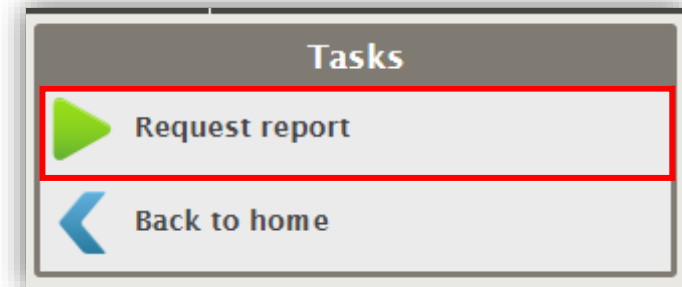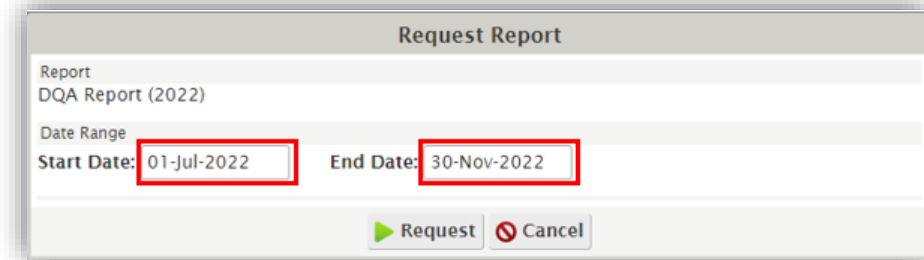
Step 8:
This is how the extract looks like when opened in excel under Active Patient Sheet.

Step 9: Review the entire sheet to ensure all the figures as consistent. Once satisfied, proceed and upload the file to the NASCOP DQA tool.	

Sample Calculations
Refer to the sampling criteria. This sampling is performed automatically by the data extraction algorithm.
 	
Categories are as follows:
   - Adults
   - Children
   - PMTCT Mothers
	Using TX_CURR for Specified Month:
	
	• If TX_CURR is less than 200 then sample 10 clients for each category.
	
	• If TX_CURR is between 200-1000 then sample 30 clients for each category.
	
	• If TX_CURR is above 1000 then sample 50 clients for each category.

THE END