

Simple guide on DQA Data extraction process from KenyaEMR

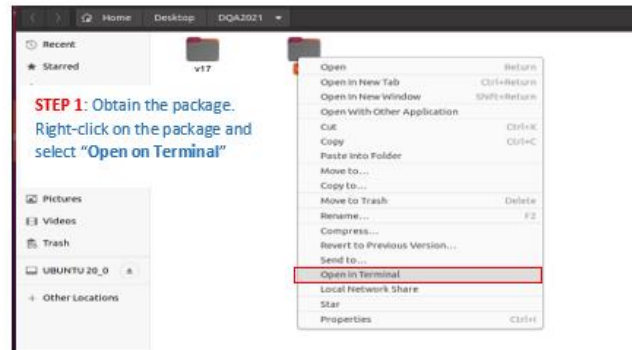
Last Updated on 19th Nov 2021

KenyaEMR has been enhanced 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!!!!

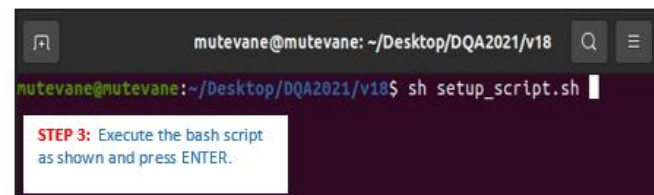
Please check if the DQA Report is already existing before performing this module update. If exist, skip the upgrade, and proceed with DQA process as outlined.



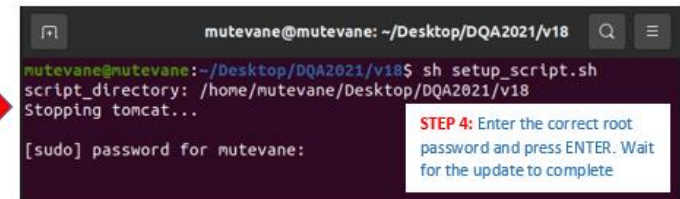
STEP 1: Obtain the package. Right-click on the package and select "Open on Terminal"



STEP 2: The file path will open on Terminal.



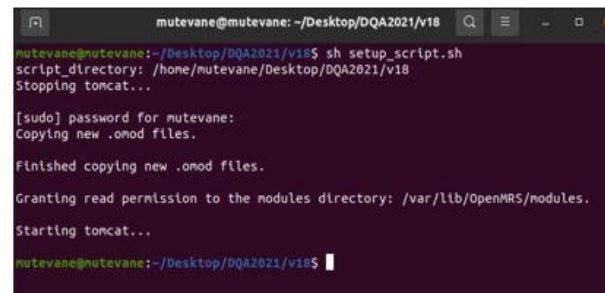
STEP 3: Execute the bash script as shown and press ENTER.



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

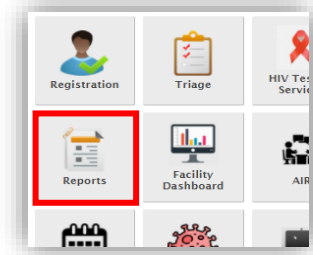
STEP 5: The process is completed when tomcat has restarted, and the prompt is back.

Proceed with the DQA as outlined in the next section



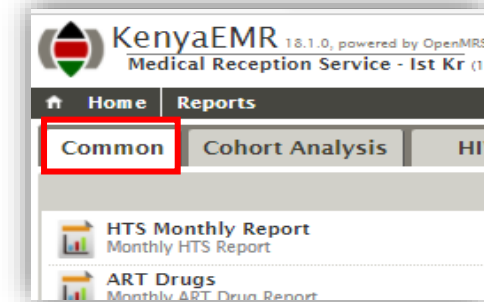
Step 2:

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.



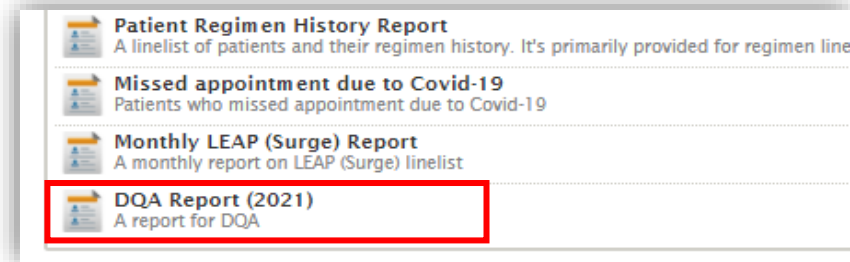
Step 3:

On the reporting panel select the "Common" Tab

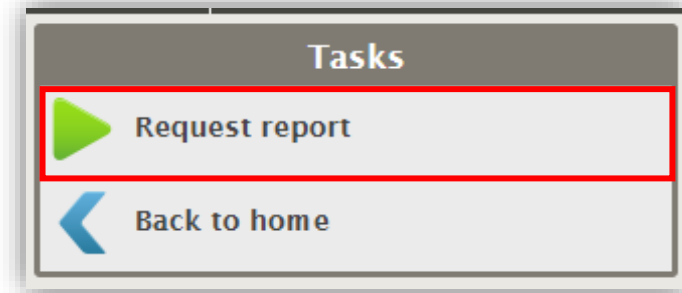


Step 4:

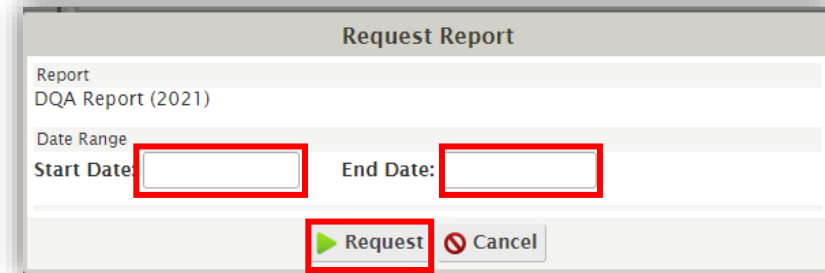
Navigate the list of available reports and open the "DQA Report (2021)"



Step 5:
On the Task menu, click “Request Report”



Step 6:
Specify the reporting period of your interest and click “Request”. Wait for the report



Step 7:
Under the Finished report section, choose any of the available visualization formats. For best visualization, open the report in Excel

The screenshot shows a 'Summary' section with the following details: Name: DQA Report (2021), Description: A report for DQA. Below this is a 'Queue' section with a table that is currently empty (None). At the bottom is a 'Finished' section with a table of completed reports.

Requested	By	Report file name	Status	Time taken	
None					

Requested	By	Report file name	Status	Time taken	
16-Nov-2021 07:45	WAMUSORO, WAMUSORO WAMUSORO	DQA Report (2021)_Jan-2020	COMPLETED	00:00:00	View CSV Excel
16-Nov-2021 07:32	WAMUSORO, WAMUSORO WAMUSORO	DQA Report (2021)_Aug-2021	COMPLETED	00:00:01	View CSV Excel
16-Nov-2021 04:45	WAMUSORO, WAMUSORO WAMUSORO	DQA Report (2021)_Apr-2021	COMPLETED	00:00:00	View CSV Excel

Step 8:
This is how the extract looks like when opened in excel under Active Patient Sheet.

CCC Number (Unique patient ID)	Sex	Date of Birth	Weight	Height	Current ART Regimen	Drug dosage given (Duration)	TPT/IPT initiated	Nutrition Assessment done	DSD Model	Latest VL result documented	Date of last appointment	Category
53455	M	15/06/1961	70	181	TDF/3TC/DTG	191	No	Normal	Fast Track		2021-03-27	Adult above 14
54817.0	F	15/06/1964	88	160	TDF/3TC/DTG	182	No	Overweight/Obese	Fast Track		2021-03-01	Adult above 14
54817	M	15/06/1968	72	175	TDF/3TC/DTG	175	No	Normal	Fast Track	2021-01-04	2021-01-04	Adult above 14
42491.0	F	15/06/1971	83	164	TDF/3TC/DTG	182	No	Overweight/Obese	Standard Care		2021-03-01	Adult above 14
61501.0	F	15/06/1969	65	165	TDF/3TC/DTG	365	No	Normal	Standard Care		2020-09-07	Adult above 14
60904	M	15/06/1969	90	170	TDF/3TC/ATV/r	182	No	Overweight/Obese			2021-03-29	Adult above 14
62995	M	15/06/1969	84	169	TDF/3TC/DTG	106	No	Overweight/Obese	Standard Care		2021-03-28	Adult above 14
60904.0	F	15/06/1972	74	158	TDF/3TC/DTG	189	No	Overweight/Obese	Fast Track	2020-11-02	2021-04-26	Adult above 14
57425	M	15/06/1970	93	168	TDF/3TC/DTG	105	No	Overweight/Obese		2020-09-28	2021-03-29	Adult above 14
1516601500	F	15/06/1989	60	162	TDF/3TC/DTG	29	No	Normal			2021-06-16	Adult above 14

Step 9:
This is how the extract looks like when opened in excel under Active Patient DQA Sheet

CCC Number (Unique patient ID)	Sex	Date of Birth	Weight	Height	Current ART Regimen	Drug dosage given (Duration)	TPT/IPT initiated	Nutrition Assessment done	DSD Model	Latest VL result documented	Date of last appointment	Category
No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		Yes	Adult above 14
No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		Yes	Adult above 14
No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2021-01-04	Yes	Adult above 14
No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		Yes	Adult above 14
No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		Yes	Adult above 14
No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No		Yes	Adult above 14
No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		Yes	Adult above 14
No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	2020-11-02	Yes	Adult above 14
No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	2020-09-28	Yes	Adult above 14
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No		Yes	Adult above 14

HERE IS THE SAMPLING CRITERIA

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.

Step 10:

Refer to the sampling criteria. This sampling is performed automatically by the data extraction algorithm.

THE END