



cQube

Release Notes

Release Version 1.2

20 August 2020

Release Version 1.2.1

26 August 2020

Document Release Version

Project	Release Date	Release Version
cQube	20 August 2020	V 1.2
cQube	26 August 2020	V 1.2.1

1. Objectives of the cQube release 1.2 and release 1.2.1

cQube release version 1.2 and version 1.2.1, as an upgrade to the cQube release 1.1 updated with a new reporting feature using diksha data, telemetry visualization, semester exception and Process configurations, Two factor authentication.

2. Scope

cQube product release features and issues are described in this version 1.2 and version 1.2.1 of the document. This document describes the functionality of below reports

- Diksha textbook linked content plays, Diksha course linked content plays and Diksha overall content plays
- Telemetry implementation for student attendance and Telemetry map report.
- Semester exception map report
- New user creation from the admin console user interface.

3. Summary of the Product Features

This document contains information on the following new features and enhancements to the existing features of the cQube product:

Release 1.2

1. Diksha data content play visualization
2. Telemetry implementation and telemetry visualization
3. Enhancement of the process scheduler
4. cQube Configurations
 - a. Enable/ Disable the process groups at installation
 - b. Infrastructure configuration
 - c. Configurable two factor authentication
 - d. Process configuration

5. Keycloak integration automation
6. User management through admin screens

Release 1.2.1

Release 1.2.1 is for the following pending tasks in diksha visualization from the release 1.2:

- Overall usage count for textbooks, courses in Diksha charts, Metrics for diksha usage count, Diksha report in summary statistics
- crc report metric issue

Description of the Product Features

1. Diksha data content play visualization

[CQB-431](#), [CQB-455](#), [CQB-456](#), [CQB-457](#), [CQB-458](#)

Sl No.	Feature	Description	Roles Impacted
1	Stacked bar chart report	Diksha report based on district selection and time range selection.	Admin, Report viewers
2	Diksha table report	Diksha table report based on district selection and time range selection	Admin, Report viewers

2. Telemetry implementation and telemetry visualization

[CQB-186](#), [CQB-452](#), [CQB-445](#)

No.	Feature	Description	Roles Impacted
1	Map based report	User interaction & impression - location wise (District, Block, cluster and School level) along with the lat long details.	Admin and report creator
2	Map based report	The number of views by location will be shown on the Map report.	Admin and report creator
3	Tooltip on map report	- Number of users that have accessed student attendance reports	Admin and report creator

		- Number of views for student attendance reports	
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3. Enhancement of the process scheduler

[CQB-400](#), [CQB-410](#)

No.	Feature	Description	Roles Impacted
1	Nifi process scheduler	Scheduler for the start and stop of Nifi processor groups	Admin user
2	Nifi process Modification/ configuration	Modification/ configuration of nifi process by admin during installation	Admin user

4. cQube Configurations

[CQB-410](#), [CQB-444](#), [CQB-374](#)

No.	Feature	Description	Roles Impacted
1	Process group configuration	Enable/ Disable the process groups at installation	Admin
2	Infrastructure configuration	Infrastructure configuration	Admin
3	Two factor authentication	Two factor authentication for all users is provided as an option and can be configurable by admin	Admin

5. Keycloak integration automation

[CQB-453](#), [CQB-454](#)

No.	Feature	Description	Roles Impacted
1	Keycloak integration automation	Keycloak integration automation for realm creation, role creation and client creation	Admin

6. User management through admin screens

[CQB-460](#), [CQB-461](#), [CQB-224](#), [CQB-462](#), [CQB-463](#)

No.	Feature	Description	Roles Impacted
1	User management through admin screens	User management was through keycloak in the release 1.1. User management is done with cQube screens in this release.	Admin, Report viewer

7. Release version 1.2.1

[CQB-532](#)

No.	Feature	Description	Roles Impacted
1	Diksha Visualization updates	Overall usage count for textbooks, courses in Diksha charts, Metrics for diksha usage count, Diksha report in summary statistics crc report metric issue	Admin, Report viewer

4. Known Issues:

This is a section that describes all the known issues/ bugs that are present in the cQube product and they have been reported as being a part of this release.

SI No	Issues
1	Continuous refresh in incognito window for admin screens CQB-480 .
2	RAM size issue - During installation, the RAM size validation is allowing upto 100% of the system RAM size. It should ideally allow only 70% of the RAM to be used. CQB-527
3	Diksha report has not been added to the summary statistics CQB-528
4	Semester report - The semester report gets overwritten when the calendar year changes. CQB-529
5	Admin is redirecting to the login page again when they click on the admin console. Once after login again all the functionalities are working. CQB-530