

Central block 6 release criteria

 backlog •  iteration commit •  in progress •  qa/verification •  done

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Later release

- [\(Optimization\) Scope OData request to shown columns](#)
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Administration

✓ 3.02 See simple audit log list

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System Management

BackupsServer Audit Logs

Here you will find a log of significant actions performed on this server. Changes made to user, project, or form settings can be found here, as well as attempts to back up your data.

Filter by (Type) 2019/06/15

Time	Type	Initiator	Target	Details
Today 17:32	Project › Create	Janelle Monáe	Forest Management	
Today 12:11	Web User › Assign Role	Beyoncé	Janelle Monáe	{"roleId":1}
Today 02:00	Backup			{"success":true}

- As an administrator, I should see a table with the headings: **Time, Type, Initiator, Target, Details**
- In the table, I should see a row for each audit action.
 - But I should not see Form Submission actions
 - And I should not see Backups actions
 - I should see the most recent actions first
 - For type, I should see a human-readable term for the action
 - For initiator, I should see the display name of the user as a link, which if I click should take me to their profile
 - For target, I should see an appropriate name for each present value, which if I click should take me to its page
 - (* see table below for more details on type and target display. initiator data will always be actor information and displayed should always be displayName.)
 - For details, I should see a monospace display of the detail JSON.
 - I should never see it be excessively wide,
 - and I should be able to scroll it horizontally,
 - and when I click on it (but not when I drag on it) the whole text should automatically highlight for me.
 - I should not see any paging tools yet
- table:

type

display:

target

display:

user.create	User › Create	{ actor }	displayName
user.update	User › Update Details	{ actor }	displayName
assignment.create	User › Assign Role	{ actor }	displayName
assignment.delete	User › Revoke Role	{ actor }	displayName
user.delete	User › Retire	{ actor }	displayName
project.create	Project › Create	{ project }	name
project.update	Project › Update Details	{ project }	name
project.archive	Project › Archive	{ project }	name
project.delete	Project › Delete	{ project }	name
form.create	Form › Create	{ form }	name
form.update	Form › Update Details	{ form }	name
form.attachment.update	Form › Update Attachments	{ form }	name
form.delete	Form › Delete	{ form }	name

✓ 3.03 Filter audit log list

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Backups
Server Audit Logs

Here you will find a log of significant actions performed on this server. Changes made to user, project, or form settings can be found here, as well as attempts to back up your data.

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- As an administrator, I should see above the table a dropdown labeled **Type**.
 - I should see within the dropdown options overarching selectable category options representing broad action areas (eg Accounts or Backups), under which are selectable options representing specific actions.
 - I should see the following options:
 - (All Actions)

- **Web User Actions**
 - Create
 - Update Details
 - Assign Role
 - Revoke Role
 - Retire
- **Project Actions**
 - Create
 - Update Details
 - Delete
- **Form Actions**
 - Create
 - Update Details
 - Update Attachments
 - Delete
- When I change the value of Type, I should see the table thinking with a “loading” message, then I should only see actions of the Type I selected.
- I should also see a widget next to Type for Date.
 - I should see no visual difference between the Type and Date widgets at rest.
 - I should see the current date in the Date field when I arrive, and I should see that the table only shows entries from the current date.
 - When I click on the date widget, I should see a picker appear.
 - When I choose a new date range, I should see the table think and refresh with entries only from that date range, inclusive.
- If there are no audit log entries to show, I should see the message “There are no matching audit log entries.”

✓ 3.08 See backups history audit log

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BackupsServer Audit Logs

✖

Something is wrong!

The last backup that completed successfully was **more than three days ago**.

Below, you can see the most recent attempts. The most likely fixes are to **terminate** the connection and set it up again, or to restart the service. If you are having trouble, please try the [community forum](#).

✖ Terminate

Recent Backups

Time	Type	Initiator	Target	Details
Today 02:00	Backup			{"success":true}
Yesterday 02:00	Backup			{"success":true}
2019/06/15 02:00	Backup			{"success":true}

- As an administrator, when I navigate to the Backups configuration page
- And there have ever been backup attempts
- Then I should see at the bottom of the page a section “Recent Backups”
 - And in that section I should see a table identical to the Server Audit Log table
 - And it should have the most recent 10 Backup-related entries in it

Encryption

For background information about our thinking and planning on encryption, please see [this document](#).

✓ 6.21 Set up managed form encryption on a project

The screenshot shows the 'Forest Management Project' settings page. At the top, there's a navigation bar with 'Open Data Kit', 'Users', and 'System'. The user 'Ryan Gosling' is logged in. Below the navigation bar, the page title 'Forest Management Project' is displayed, followed by tabs for 'Overview', 'Project Managers', 'App Users', and 'Settings'. The 'Settings' tab is active. The main content area is divided into two columns. The left column has a 'Basic details' section with a text input field containing 'Forest Management Project' and a 'Save settings' button. The right column has an 'Encryption' section with a message stating 'Submission data encryption is not enabled for this project. [Learn more.](#)' and an 'Enable Encryption' button. Below the 'Encryption' section is a 'Danger Zone' section with a red border and a red 'Archive this Project' button.

- As a project manager, when I navigate to the Settings tab of a project I should see an additional section **Encryption**.
 - When project managed encryption is disabled, the box should look as pictured.
 - I should also now see the Archive button left-aligned, to match.
- When I click on Enable Encryption, I should see a wizard modal appear.

Enable Encryption

If you enable encryption, the following things will happen:

- ✓ Finalized submission data will be encrypted on mobile devices.
- ✓ Submission data at rest will be encrypted on Central server.
- ☐ Forms configured with manual <submission> keys will continue to use those keys, and must be manually decrypted.
To use the automatic Central encryption process on these forms, remove the `base64RsaPublicKey` configuration.
- ✗ You will no longer be able to preview submission data online.
- ✗ You will no longer be able to connect to data over OData.

In addition, the following are true in this version of ODK Central:

- ☐ Existing submissions will remain unencrypted.
In a future version, you will have the option to encrypt existing data.
- ✗ Encryption cannot be turned off once enabled.
In a future version, you will be able to disable encryption, which will decrypt your data. This will be true even if you enable encryption now.

You can learn more about encryption [here](#). If this sounds like something you want, press Next to proceed.

Next [Never mind, cancel](#)

- For the first wizard step, I should just see a bunch of information warning me about what I'm about to do.

Enable Encryption

First, you will need to choose a passphrase. This passphrase will be required to decrypt your submissions. For your privacy, the server will not remember this passphrase: only people with the passphrase will be able to decrypt and read your submission data.

There are no length or content restrictions on the passphrase, but if you lose it there is **no** way to recover it or your data!

.....

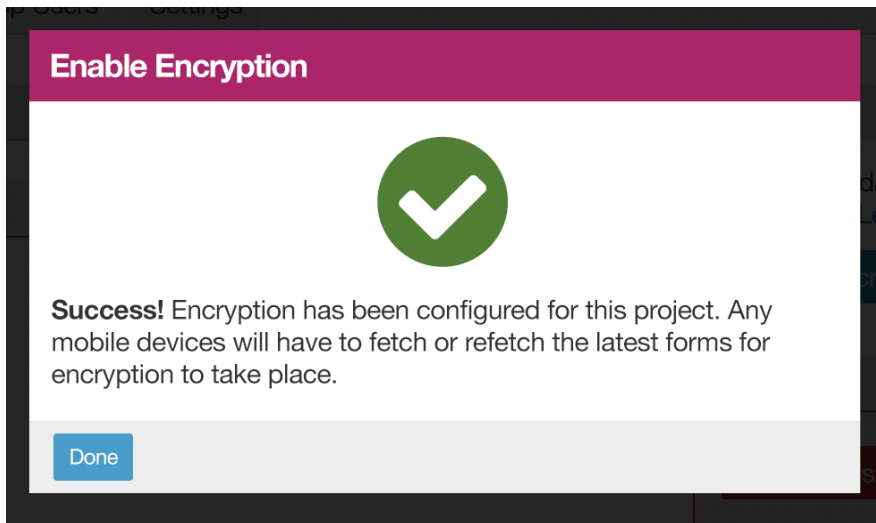
Passphrase *

check with rebecca

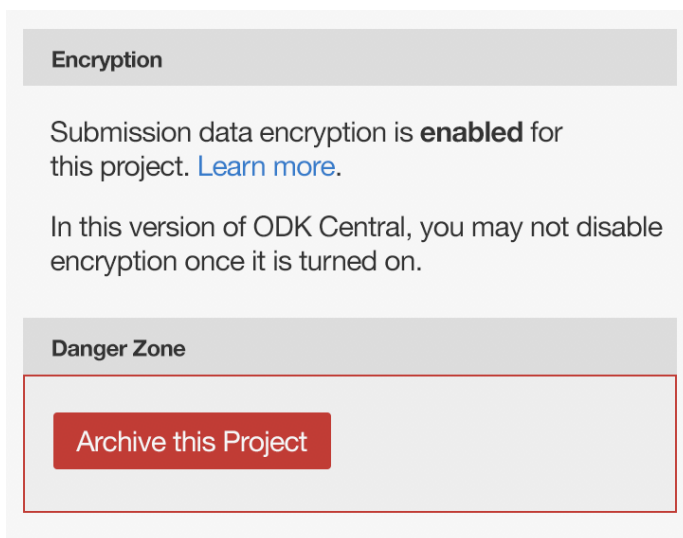
Passphrase hint (optional)

Next [Never mind, cancel](#)

- Once I click Next, I should see a required password field **Passphrase** accepting an encryption passphrase, an optional **Hint** field accepting any text, and some introductory text for it.



- When I fill out the password field and click Next again, I should see a spinner on the button, then I should see a success box as pictured above.



- When I clear out of the modal, and when I visit the Settings page in the future, I should see “Submission data encryption is enabled for this project. Learn more.” in the Encryption box.
- When I now download forms from Central, I should see a public key in a <submission> block with the project public key.
 - Unless the form already has a manual public key.

✓ 5.31 Submit an encrypted submission from Collect

- Whether manual or managed encryption, when I submit any encrypted submission from Collect, it should be happily accepted by Central.

✓ 5.41 View encrypted submissions in table

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Forest Management Protocol [Back to Project Overview](#)

Intake Form

OverviewMedia FilesSubmissionsSettings

Filter by

Review status

Submitted By

Submitted At

Download 1,417 matching records

Analyze via OData

	Submitted By	Submitted At	Reviewed	first_name	last_name	age	date	Instance ID
1417	Beyoncé	Today 11:03	Needs review	Data preview is not available due to encryption.				39e34c4f
1416	Beyoncé	Today 11:02	Needs review					0234b1ef
1415	Beyoncé	Today 11:00	Needs review					9f978f0e-
1414	Ryan Gosling	Tuesday 12:40	Needs review	Elsie	Hughes			5dcb325;
1413	Ryan Gosling	Tuesday 12:39	Approved	Hector	Escaton		2017/12/31 21:14:08	9fd61c90

- When I am looking at a form that has one or more encrypted submissions, the Analyze via OData button should be greyed out.
 - When I hover over it, I should get a tooltip that “OData access is unavailable due to form encryption”
- When I am looking at the table itself, for any encrypted submission I should still see the metadata, but I should see a padlock icon in place of the actual data.
 - For the first encrypted row, I should see an explanatory message as shown.
 - For all subsequent rows, I should see a box (or boxes) covering the data area.
 - For all rows, I should still see the Instance ID field.

✓ 5.42 Download encrypted submissions

- When I try to download submissions for a form that has one or more *managed-encryption* submissions,
 - I should see a modal appear titled Decrypt and Download:

- I should see explanatory text as shown, and a required password field **Passphrase**.
- If a passphrase hint was given, I should see it after “Hint:” below the field.
- When I type the passphrase and press Download, I should see the button think, and then:
 - If I got the passphrase wrong, I should see an unhappy error saying so, and asking me to try again.
 - ~~If I got it right, the modal should close when my browser begins the file download.~~
- When I download an archive that contains manual-keypair-encrypted submissions, they should be encoded however it is Briefcase encodes them, alongside decrypted submissions.

Form Management

✓ 4.21 Download Form XML from web interface

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Forest Management Protocol [Back to Project Overview](#)

Intake Form

Overview Media Files Submissions Settings

Checklist

- ✓ **Create and upload Form**
Great work! Your Form design has been loaded successfully. It is ready to accept Submissions. You will have to start over with a new Form if you wish to make changes to the Form questions. [Click here to find out more.](#)
- ✓ **Upload Form media files**
Your Form design references files that we need in order to present your Form. You can upload these for distribution under the [Media Files tab](#). If you change your mind or make a mistake, you can always replace the files. [Click here to find out more.](#)
- ✗ **Download Form on survey clients and submit data**
Nobody has submitted any data to this Form yet. App Users will be able to see this Form on their mobile device to download and fill out. Right now, this Project has **7 App Users**, but you can always add more. [Click here to find out more.](#)
- ✗ **Evaluate and analyze submitted data**
Once there is data for this Form, you can export or synchronize it to monitor and analyze the data for quality and results. You can do this with the Download and Analyze buttons on the [Submissions tab](#). [Click here to find out more.](#)
- ✗ **Manage Form retirement**
As you come to the end of your data collection, you can use the Form Lifecycle controls on [this Form's Settings tab](#) to control whether, for example, App Users will be able to see or create new Submissions to this Form. [Click here to find out more.](#)

Right Now

 **201905021920** [View XML](#)
Current version of this form.

 **1,842** >
Submissions have been saved for this form.

- When I look at the Form Overview page, I should now see the checklist occupy only the left half of the screen.
 - And I should no longer see the lines between the checklist entries.
- And I should now see a Right Now box on the right side.
 - I should see a first entry showing the current version of the form.
 - To the right of the version, I should see a View XML button.
 - When I click on the button, I should get the form XML in a new tab.
 - If the version is too long, I should see it truncate with ... before the View XML button wraps.
 - But if I hover over it, I should get the full version name.
 - If the version string is blank, I should see the text (blank) in plain font
 - Below the version, I should see caption text as shown.

- I should also see a second entry, with the number of submissions that have been saved.
 - When I click on this stat entry, I should be taken to the Submissions tab.
 - Below the number, I should see a caption as shown.

Other

- ☒ **Rework frontend build pipeline**
- ☒ **Update Backend dependencies flagged by `npm audit` and GitHub**
- ☒ **Update Frontend dependencies flagged by `npm audit` and GitHub**

Bugs Fixed + Small Wins

- ☒ **b#199 OData: sanitize instance names with illegal chars**
- ☒ **b#206 OData: empty fields still need a field header**
- ☒ **b#213 OData: add accuracy to OData GeoJSON output**
- ☒ **b#221: `search()` appearance attachment detection**
- ☒ **c#72 OData: Add R/ruODK to OData dialog**
 - When I open the OData dialog, I should see a tab labelled “R”
 - When I select the R tab, I should see the same URL that I see when I select the Other tab.
 - And, below the URL I should see text that reads:
 - To access Central data from the free and popular [R statistics and analysis tool](#), we recommend you use [ruODK](#). A guide for getting started with it can be found [here](#).
 - Just like ODK itself, ruODK is developed and supported by community members. If you wish to help improve it, you can find information [here](#).
- ☒ **c#75 OData: Link to Apiary documentation from OData dialog**
 - When I select the Other tab in the OData dialog, I should see a message below the URL that reads:

- For a full description of our OData support, please see [this article](#).

-  **Make the project name a link on form pages**
-  **Remove the “What happened to my Forms?” link**
-  **Improve the message shown when the user attempts to upload a form with a duplicate form ID**
-  **Turn off autocompletion for user email inputs**

Release notes

- **API changes:**
 - Form and Submission extended metadata requests no longer return XML.

Later release

These items were considered during planning but pushed back to some later release. They are left here for future reference and copy+paste.

(Optimization) Scope OData request to shown columns

- Add a \$select clause to requests from the response table.
- The backend would need to add support for \$select (limited to direct column references; no expressions supported).

5.02e Add columns to the response table

- Dropdown menu on the ragged edge/ellipsis to add more columns.
- Might need to make the column list searchable.
- Probably doesn't make it into this release either.
- Real criteria to come.

6.?? Viewer role?

- If I were to imagine one more thing to fit into this release it would be a View-only role of some kind to complement the Manager role.
- But I don't think it's urgent.
- Depends on how much work we think the rest of this stuff is.

User analytics

- Frontend analytics on—page load events? Other things?

- Opt-in/out?

5.?? See submission attachment upload status in submission table

- Basically at minimum none/some/all attachments uploaded or something.