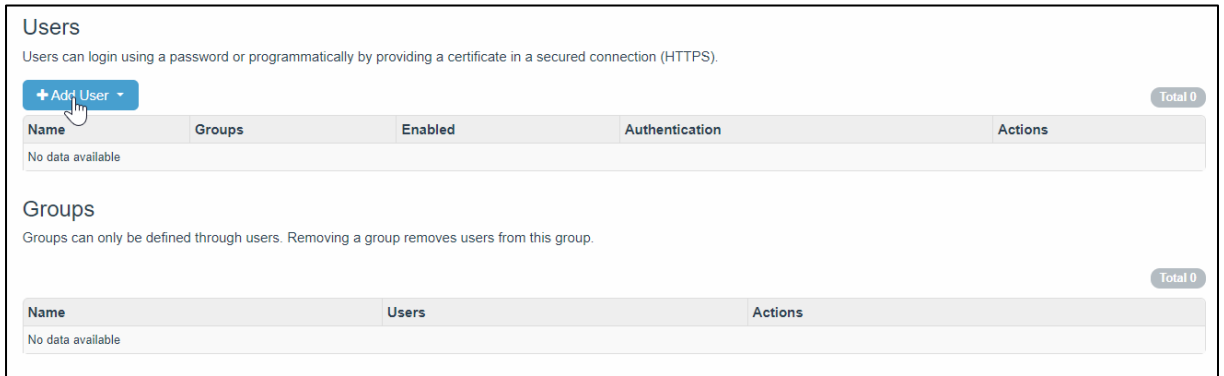


Creation of the analysis user

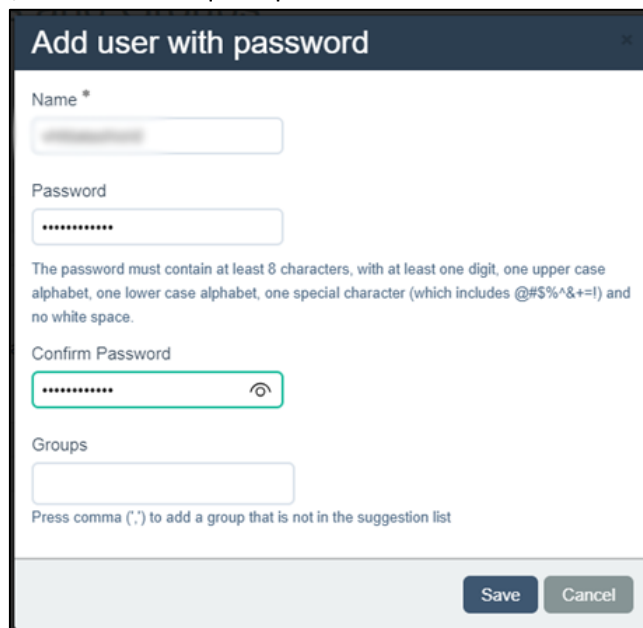
To create the analysis user please follow the following steps:

1. Logon to the DataSHIELD administration dialog, open “Users and Groups” and click on “Add User”.



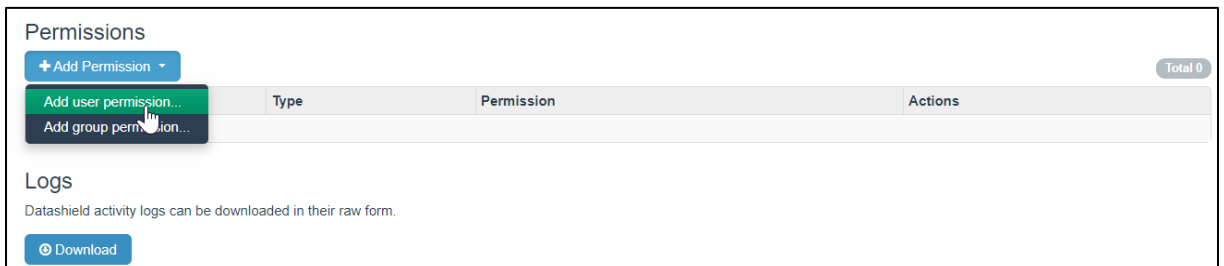
The screenshot shows the 'Users' section of the DataSHIELD administration dialog. It includes a table with columns: Name, Groups, Enabled, Authentication, and Actions. The table is currently empty, showing 'No data available'. Below the table is a 'Groups' section, which also includes a table with columns: Name, Users, and Actions. This table is also empty, showing 'No data available'. A blue button labeled '+ Add User' is visible in the top left of the Users section.

2. Enter the username, choose an adequate password and click on save.



The screenshot shows the 'Add user with password' dialog box. It contains fields for 'Name *', 'Password', and 'Confirm Password'. The 'Password' field is masked with dots. Below the password fields is a 'Groups' field. A message states: 'The password must contain at least 8 characters, with at least one digit, one upper case alphabet, one lower case alphabet, one special character (which includes @\$%^&+=!) and no white space.' At the bottom right are 'Save' and 'Cancel' buttons.

3. Return to the main administration dialog, open “DataSHIELD”, click on “Add Permissions” and then on “Add user permission”.



The screenshot shows the 'Permissions' section of the DataSHIELD administration dialog. It includes a table with columns: Type, Permission, and Actions. The table is currently empty, showing 'No data available'. Below the table is a 'Logs' section, which includes a 'Download' button. A blue button labeled '+ Add Permission' is visible in the top left of the Permissions section.

4. Enter the username you just created, choose “Use” and click on “Save”.

Add User Permission

Name *

☒ Use
Use DataSHIELD services: can push accessible data to R and can execute limited R commands on them.

☐ Administrate
Administrate DataSHIELD settings.

- Switch to the “Projects” dialog and open the relevant project.

Projects

A project is a repository of data and dictionaries. In a project, data can be imported, exported, analysed and transformed. Projects also offer access controls to the dictionaries, the summaries and the individual data. Projects can be grouped by tag.

All

Total 1

Name	Title	Description	Last updated	Status
		Project 1000: access to the 1000 Projects	5 months ago	●

- Open the “Administration” dialog.

Projects / 1000

Project 1000: access to the 1000 Projects

Dashboard

● Ready

Number of tables

Number of variables

Number of resources

- Click on “Add permission” and then on “Add user permission”.

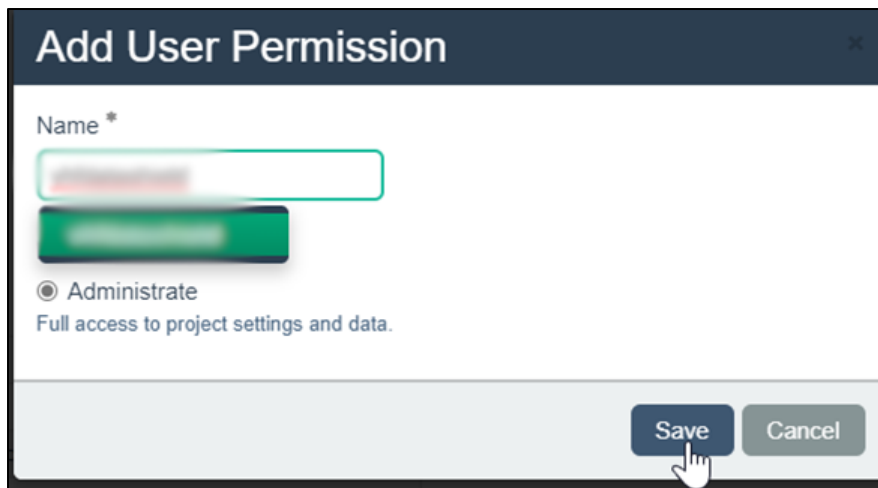
Permissions

Type	Permission	Actions
User	Administrate	<input type="button" value="Remove"/>

Database

Reloading a project database makes its data temporarily inaccessible (no table listing, no import or export) while the connection to the database is being re-initialised. The time taken by this operation depends on the database type and schema.

- Enter the user you created and click on save.



Add User Permission

Name *

☒ Administrate
Full access to project settings and data.

9. The setup is complete. Please test it now by adapting the configuration in `data-analysis\set-login-data.R` to your server and execute the script `data-analysis\test-connection.R`. An example of the configuration is provided in the screenshot below.

```
##### Specify the login data

# Don't use self signed certificates (for the OPAL server) - it doesn't work properly
project.name <- "myProject"
user.name <- "myUser"
opal.driver <- "OpalDriver"
options <- "list(ssl_verifyhost=0, ssl_verifypeer=0)"

# Test for own server
builder$append(server = project.name,
               url = "http://datashield.myorg.org",
               user = user.name,
               password = "MyPassword",
               driver = opal.driver,
               options = options)
```