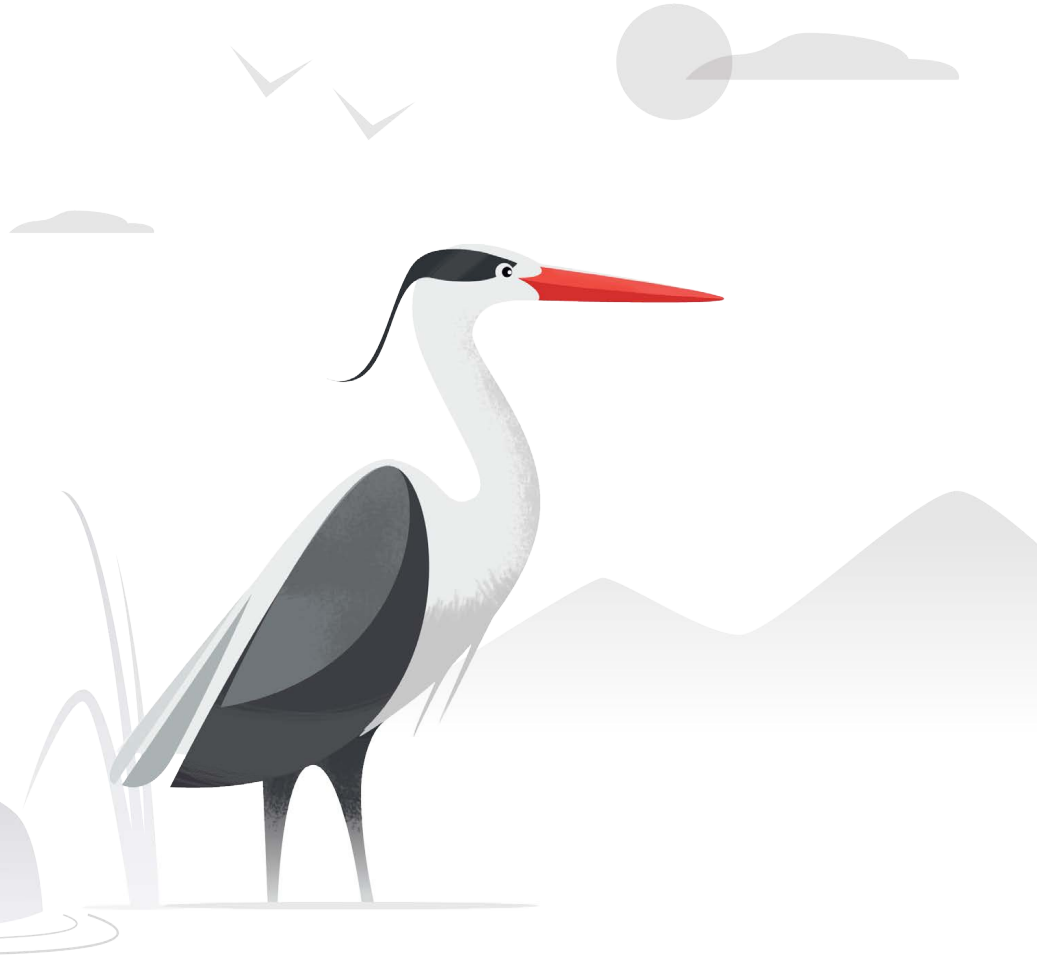


Saagie[®]



Data Fabric Release Note

— v. 1.6 —

What's new?

Capsules

- HDFS - version upgrade to 2.6.0
- Hive - version upgrade to 1.1.0
- Impala - version upgrade to 2.9.0
- Sentry - version upgrade to 1.5.1

Security

- Authentication - Unified authentication between Saagie and the Hadoop ecosystem
- User Management - Creating and managing users in Data Fabric
- User Management - Creating and managing user groups in Data Fabric
- User Management - Password setup and reset
- Authentication - Company name in the platform URL

HDFS

Feature	Description	Benefits	Live
Version upgrade to 2.6.0	Distributed file system designed to run on commodity hardware	<ul style="list-style-type: none"> - Improved security - Improved user experience 	December 2017

Hive

Feature	Description	Benefits	Live
Version upgrade to 1.1.0	Data warehouse software facilitating reading, writing, and managing large datasets residing in distributed storage using SQL	<ul style="list-style-type: none"> - Improved security - Improved user experience 	December 2017

Impala

Feature	Description	Benefits	Live
Version upgrade to 2.9.0	Open-source massively parallel processing SQL query engine for data stored in a computer cluster running Apache Hadoop	<ul style="list-style-type: none"> - Improved security - Improved user experience 	December 2017



Feature	Description	Benefits	Live
Version upgrade to 1.5.1	System for enforcing fine grained role-based authorization to data and metadata stored on a Hadoop cluster	<ul style="list-style-type: none">- Improved security- Improved user experience	December 2017

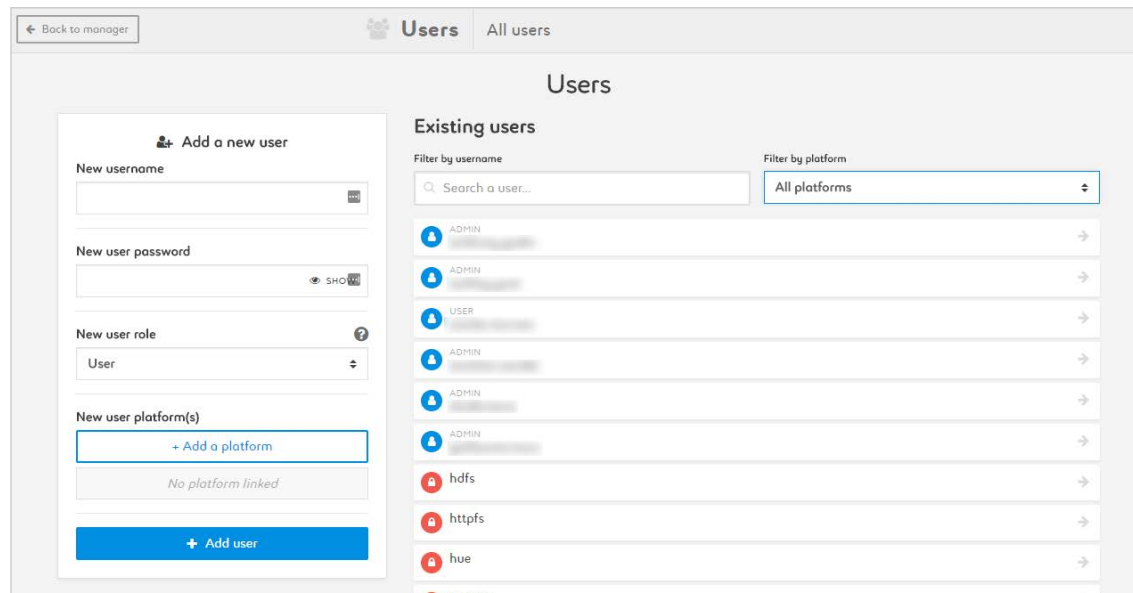


Authentication

Feature	Description	Context	Benefits	Live
Unified authentication between Saagie and the Hadoop ecosystem	Switching between the Data Fabric, Hive, Impala, Hue and HDFS user interfaces with the same username and password	Feature used by IT/Ops teams to quickly and securely switch between each tool when managing their company's data architecture with the Saagie platform	<ul style="list-style-type: none">- Same security context between different types of data, processes and tools- Improved consistency in user experience between services- Only one set of credentials to remember for all services	December 2017

User Management

Feature	Description	Context	Benefits	Live
Creating and managing users in Data Fabric	<p>Three distinct levels of user rights in Data Fabric:</p> <ol style="list-style-type: none"> 1. Reader: Read-only access to jobs and data pipelines. 2. User: Read & Write access to jobs, data pipelines, promotion of jobs, tagging of major job versions and to environment variables. 3. Admin: Same rights as User + Access to user management features. 	Feature used by IT/Ops managers to grant users access to different levels of features in Data Fabric	<ul style="list-style-type: none"> - Finer user management - Increased autonomy in user management - Improved security 	December 2017



← Back to manager

Users All users

Users

Add a new user

New username

New user password

New user role

New user platform(s)

No platform linked

+ Add user

Existing users

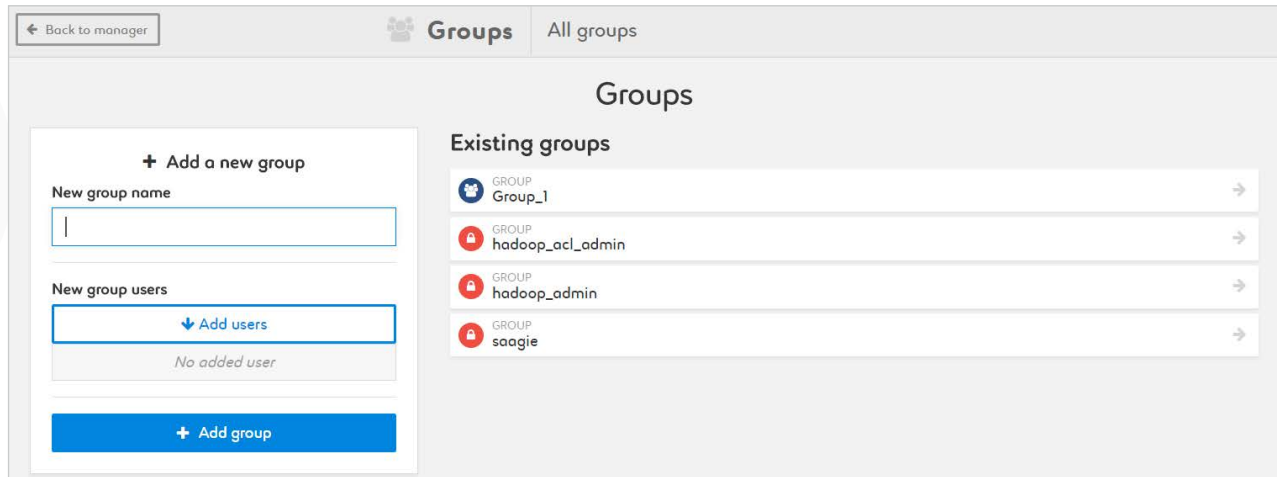
Filter by username

Filter by platform

- ADMIN
- ADMIN
- USER
- ADMIN
- ADMIN
- ADMIN
- ADMIN
- hdfs
- httpfs
- hue

User Management

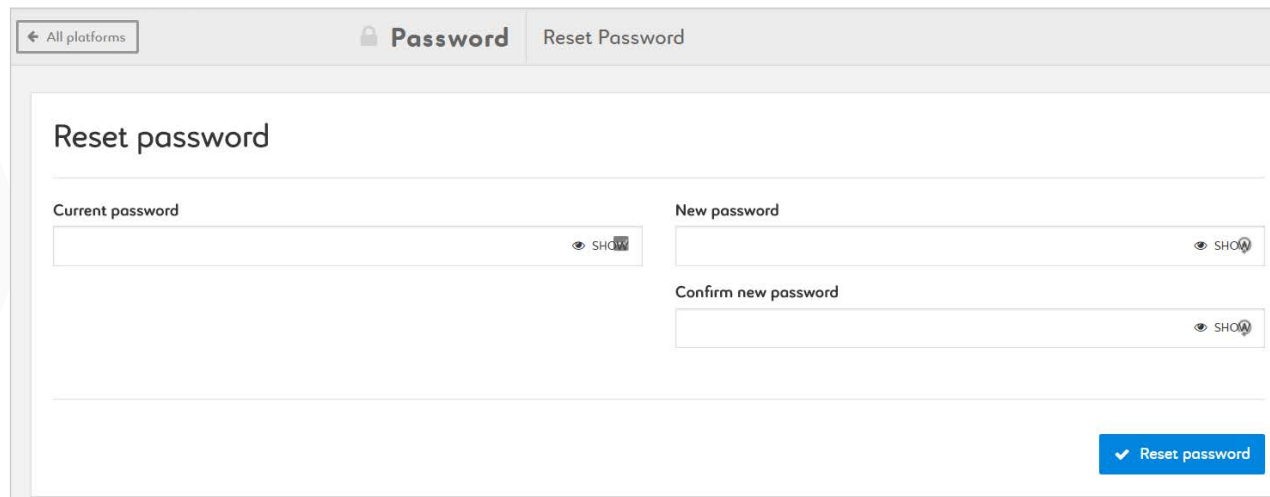
Feature	Description	Context	Benefits	Live
Creating and managing user groups in Data Fabric	Admins can create Hadoop user groups directly through the Data Fabric UI	Feature used by IT/Ops managers to configure user data access in the Hadoop ecosystem by assigning users to specific groups, which are now created and managed directly in Data Fabric	<ul style="list-style-type: none"> - Improved user experience through a dedicated and integrated UI - Increased efficiency in user management - Improved security 	December 2017



The screenshot shows the 'Groups' management page in the Saagie UI. At the top, there is a navigation bar with a 'Back to manager' button and the title 'Groups' with a sub-tab 'All groups'. The main content area is titled 'Groups' and is split into two panels. The left panel, titled '+ Add a new group', contains a form with a 'New group name' input field, a 'New group users' section with an 'Add users' button and 'No added user' text, and a large blue '+ Add group' button at the bottom. The right panel, titled 'Existing groups', displays a list of four groups: 'Group_1', 'hadoop_acl_admin', 'hadoop_admin', and 'saagie'. Each group entry includes a small icon, the group name, and a right-pointing arrow.

User Management

Feature	Description	Context	Benefits	Live
Password setup and reset	Users must set up their password upon their first connection to Data Fabric. Users can then change their own password at any time.	Feature used by users to strengthen the security of their user account by regularly changing passwords (strongly recommended)	<ul style="list-style-type: none"> - Improved security - Increased autonomy in user management 	December 2017



← All platforms Password Reset Password

Reset password

Current password SHOW

New password SHOW

Confirm new password SHOW

Authentication

Feature	Context	Benefits	Live
Company name in the platform URL	Features used by all users accessing their Saagie platform through a web browser	<ul style="list-style-type: none">- Improved security- Improved service quality	December 2017

