

RBAC Permissions

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Permission levels for role-based access

Cloudera Data Visualization uses Role-Based Access Control (RBAC) permissions to regulate access to different components and functionalities of the system. Administrators configure these permissions when setting up roles, which are then assigned to relevant users or user groups.

System-level permissions

Create workspaces

Allows users to create and share workspaces among users and user groups.

View roles and users

Enables users to view users, user groups, and roles.

Manage roles and users

Grants users the ability to create users, user groups, and roles.

By default, this includes managing Filter Associations on the dataset management interface. Alternatively, you can configure Filter Associations as part of dataset management during individual dataset permission configuration. For more information on how to manage filter association configuration for a dataset, see the *Manage dataset* permission below.

Manage settings

Grants users the ability to manage global site settings.

Manage custom styles

Authorizes users to create new styles for dashboards and visuals.



Important: The Manage custom styles system-level permission allows users to upload external files, including custom styles, JavaScript, HTML, and rich text visuals. This access carries significant security risks, such as introducing malicious code, unverified scripts, or harmful content. To mitigate these risks, restrict this permission to trusted users, such as those with the default System Administrator role or designated admin users. Ensure proper validation and sanitization measures are in place before permitting uploads.

Manage jobs, email templates

Grants users the ability to handle scheduled jobs and create email templates.

View activity logs

Allows users to monitor Cloudera Data Visualization' usage statistics and performance.

Manage data connections

Grants users the ability to create and manage connections to various data sources.

Additional system privilege

Enables users to perform the following actions:

- Set a default homepage for all users. For more information, see *Setting a default homepage for all users*.
- Clone, delete, or edit dashboards in another user's private workspace.
- Perform administrative restart/stop work operations.
- Use Trusted Auth Get Ticket to request a ticket from the Cloudera Data Visualization Server. For more information, see *Embedding apps with trusted authentication*.

Role-level permissions

Grant manage dataset

Enables users to assign Manage dataset privileges to specific roles, provided the user has Manage dataset permission for that dataset.

Grant manage dashboards

Enables users to assign Manage dashboard privileges to specific roles, provided the user has Manage dataset permission for that dataset.

Grant view dashboards

Enables users to assign View dashboard privileges to specific roles, provided the user has Manage dataset permission for that dataset.

Connection-level permissions

Manage AVs/Extracts

Enables users to create and manage analytical views.

Import data

Allows users to import supplemental data into an existing connection.

Create datasets, explore tables

Allows users to create new datasets from existing tables, view sample data, and explore statistical reports on the data tables.

Dataset-level permissions

Manage dataset

Allows users to modify dataset properties, create datasets from joined tables, modify the fields of the dataset, and more.

To enable Filter Association (FA) configuration based on Manage dataset permission, add the the following line under Site Settings Advanced Settings Advanced Site Settings :

```
MANAGE_DS_FA = True
```

If you get the Manage filter associations permission using the MANAGE_DS_FA flag, you at least have to have View roles and users permission to be able to work with filter associations.

Manage dashboards

Enables users to create and modify visuals and dashboards.

View dashboards

Limits users to view-only privileges for visuals and dashboards, without edit privileges.