



erwin Data Intelligence

Resource Management Guide

Release v12.0

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Managing Resources

This section walks you through managing resources in the Resource Manager.

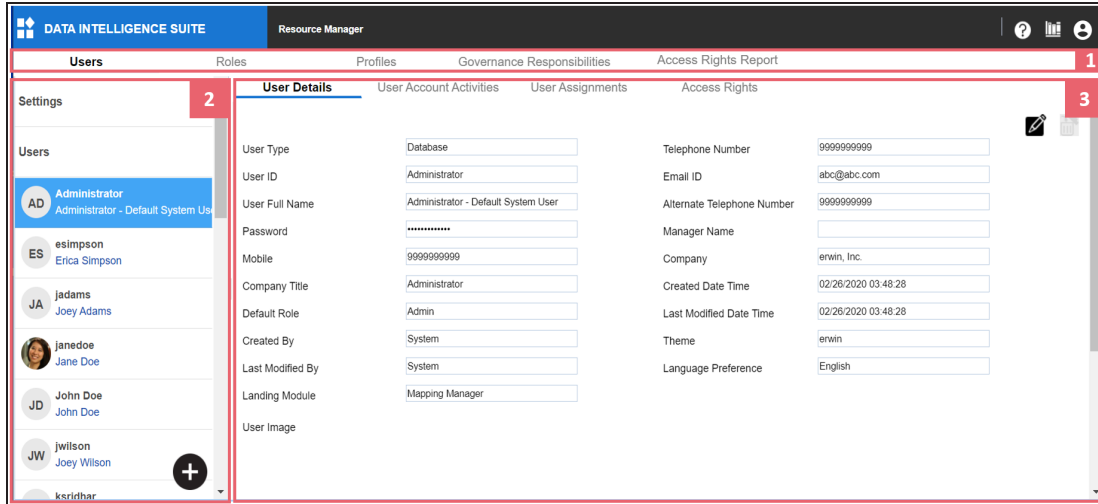
The Resource Manager is key to data governance where you do the following:

- Create roles and users
- Assign roles to users for the access level permissions
- Assign technical and business assets to users and roles in bulk
- View access rights
- Create roles group based on governance responsibilities
- View governance responsibilities report
- Create profiles to set up user-specific mapping grid views in the Mapping Manager and code value grid views in the Codeset Manager

The application has a default Administrator user, Administrator role, and a Default profile which you cannot edit or delete. For further information on accessing and using the Resource Manager, refer to the [Using Resource Manager](#) topic.

Using Resource Manager

To access the Resource Manager, go to **Application Menu > Data Catalog > Resource Manager**. The Resource Manager dashboard appears:



UI Section	Function
1-Utility Pane	Use this pane to navigate through Users, Roles, Profiles, Governance Responsibilities, and Access Rights Report.
2-Browser Pane	Based on your selection in the utility pane, use this pane to browse through users list, roles list, profiles, and roles group.
3-Right Pane	Use this pane to view or work on the data displayed based on your selection in the browser pane.

Managing resources involves the following:

- [Creating and managing roles](#)
- [Creating and managing users](#)
- [Creating and managing profiles](#)
- [Viewing access rights report](#)
- [Configuring governance responsibilities](#)

Creating Roles

Use roles to assign access-level permissions to users. While few roles are available by default in erwin DI, you can create custom roles.



The Administrator role is system-generated and you cannot edit or delete it.

To create roles, follow these steps:

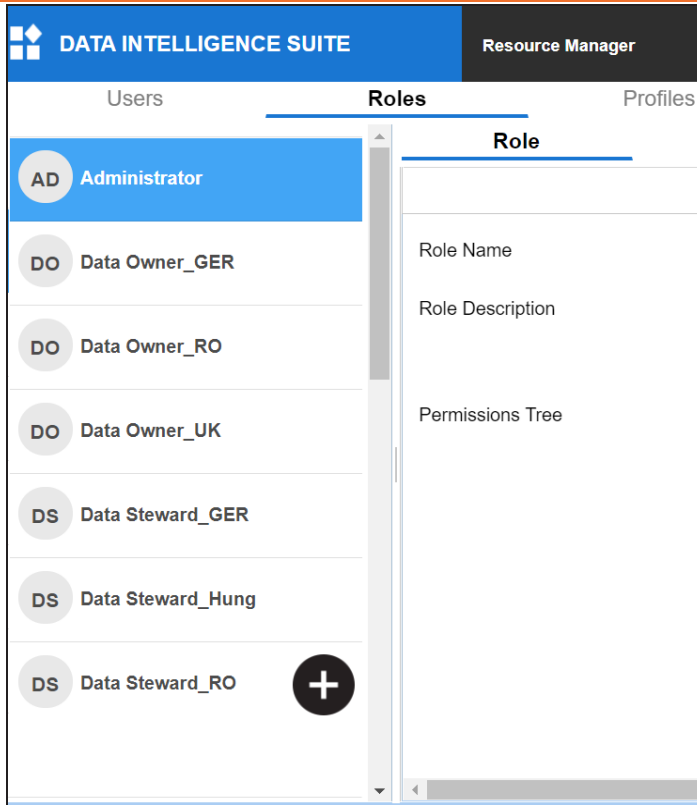
1. Go to **Application Menu > Data Catalog > Resource Manager**.

The Resource Manager page appears. By default the Users tab opens.

DATA INTELLIGENCE SUITE		Resource Manager		
Users	Roles	Profiles	Governance Responsibilities	Access Rights Report
Settings	User Details	User Account Activities	User Assignments	Access Rights
Users	User Type	<input type="text" value="Database"/>	Telephone Number	
AD Administrator Administrator - Default System User	User ID	<input type="text" value="Administrator"/>	Email ID	
ES esimpson Erica Simpson	User Full Name	<input type="text" value="Administrator - Default System User"/>	Alternate Telephone Number	
	Password	<input type="password" value="....."/>	Manager Name	
	Mobile	<input type="text" value="999999999"/>	Company	

2. Click the **Roles** tab.

Creating Roles



3. Click **+**.

The Role page appears.

Creating Roles

The screenshot shows a 'Role' configuration window. At the top right are 'Save' and 'Cancel' buttons. The form contains the following fields:

- Role Name***: A text input field with a red asterisk. Below it is a note: "Note: Role Name once created cannot be edited".
- Business Name**: A text input field.
- Role Type**: A dropdown menu currently showing 'DI'.
- Role Description**: A large text area.
- Permissions Tree**: A tree view showing a hierarchy of permissions:
 - Permissions (expanded)
 - Resource Manager
 - Metadata Manager
 - Mapping Manager
 - Codeset Manager
 - Release Manager
 - Reference Data Manager
 - Automation Framework
 - Test Manager

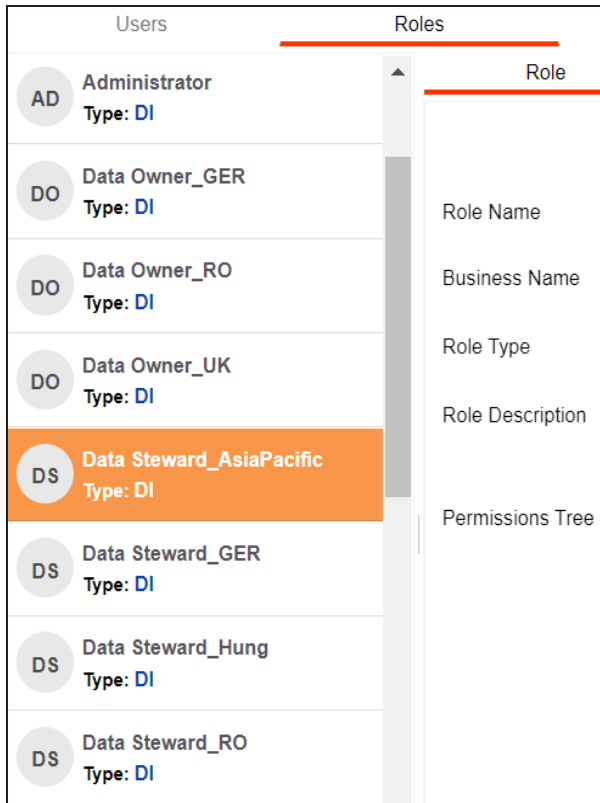
4. Enter appropriate values in the fields. Fields marked with a red asterisk are mandatory. Refer to the following table for field descriptions.

Tab	Description
Role Name	Specifies the user-defined role name. For example, Data Steward_AsiaPacific.
Business Name	Specifies the user-defined business name. For example, Data_Steward_Mapping.
Role Type	Specifies the role type <ul style="list-style-type: none"> ▪ DI: Indicates that the role is available only for a Data Intelligence (DI) user ▪ BU: Indicates that the role is available only for a Business User (BU)
Role Description	Specifies the role description. For example, This role has access to the Resource Manager and Mapping Manager.

Creating Roles

5. Under the **Permissions Tree** section, select the check box for the modules or the permission object to which you want to grant access to the role.
6. Click **Save**.

A role is created and added to the Roles list.



Once a role is created, you can:

- [Assign it to users](#)
- [Configure access rights](#)

You can also manage roles by using the options available on clicking the role. [Managing roles](#) involves:

- Editing roles
- Deleting roles
- Cloning roles

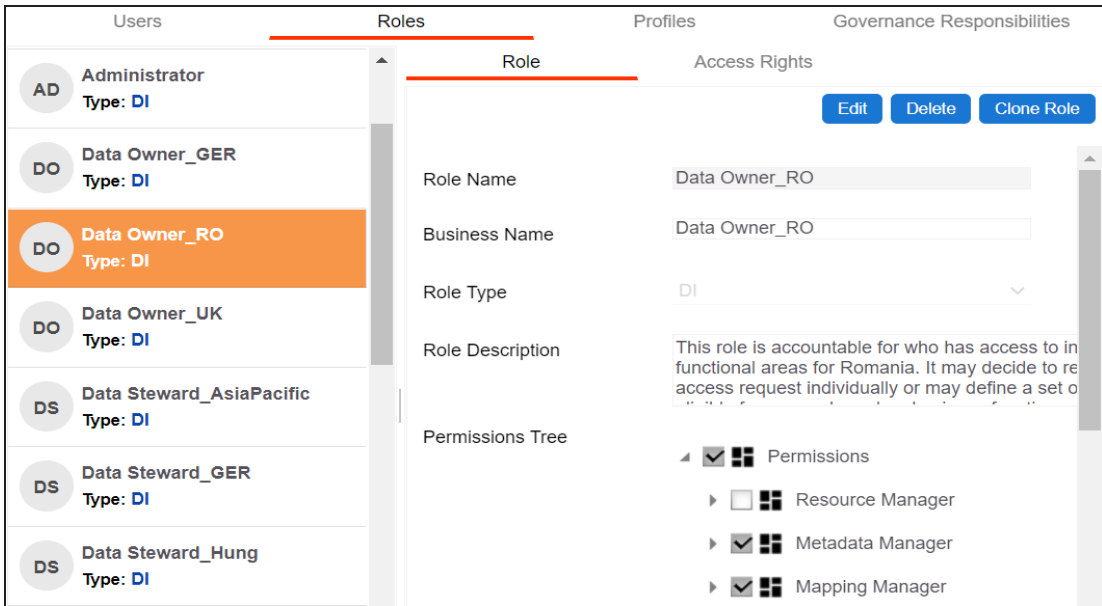
Configuring Access Rights

You can configure role access rights and assign assets to roles. Assets here refer to the environments in Metadata Manager, projects in Mapping Manager, and catalogs in Business Glossary Manager.

To configure access rights, follow these steps:

1. On the **Roles** tab, click a role.

By default, the Role tab opens.



2. Click the **Access Rights** tab.

By default, the Metadata pane appears. It displays the environments assigned to the role.

Configuring Access Rights

Category	Assigned	Total
Assigned Assets	10	
Assigned Users	2	
Metadata Environments	3	23
Mapping Projects	3	16
Business Terms Catalogs	1	9
Business Policies Catalogs	1	2

Assigned : 3 Unassigned : 20

3. Click the required pane and switch **Assigned Assets** to **All Assets**.

For example, if you switch to All Assets in the Metadata pane, all the environments appear.

Category	Assigned	Total
Assigned Assets	10	
Assigned Users	2	
Metadata Environments	3	23
Mapping Projects	3	16
Business Terms Catalogs	1	9
Business Policies Catalogs	1	2

Assigned : 3 Unassigned : 20

4. Select the required assets.

Configuring Access Rights

5. Click **Save**.

The selected assets are assigned to the role.

After, assigning assets to roles, you can view a summary of role assignments with the help of infographics.

Viewing Infographics

The Access Rights tab displays metrics that help you analyze and track role assignments. It presents this information using statistical boards, charts, or graphs.

Statistical Boards

The following statistical boards display metrics about role assignments:

10 Assigned Assets	2 Assigned Users	3/23 Metadata Environments
3/16 Mapping Projects	1/9 Business Terms Catalogs	1/2 Business Policies Catalogs
1/2 Business Rules Catalogs		

- **Assigned Assets:** It displays the total number of assigned assets to the role. This includes all the environments, projects, and catalogs assigned to the role.
- **Assigned Users:** It displays the number of user assigned to the role.
- **Metadata Environments:** It displays the number of environments in the Metadata Manager assigned to the role.
- **Mapping Projects:** It displays the number of projects in the Mapping Manager assigned to the role.
- **Business Terms Catalogs:** It displays the number of business terms catalogs in the Business Glossary Manager assigned to the role.

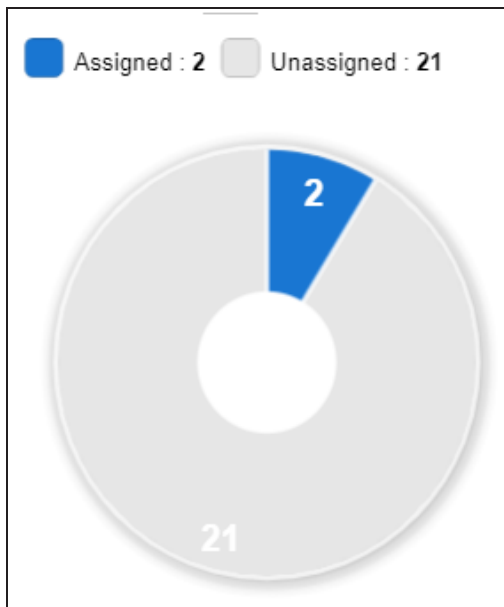
Configuring Access Rights

- **Business Policies Catalogs:** It displays the number of business policies catalogs in the Business Glossary Manager assigned to the role.
- **Business Rules Catalogs:** It displays the number of business rules catalogs in the Business Glossary Manager assigned to the role.

Metadata

In the Metadata pane, the pie-chart displays the number of assigned and unassigned environments to the role. The blue colored slice corresponds to the assigned environments.

For example, the following pie-chart displays two assigned environments and twenty-one unassigned environments.



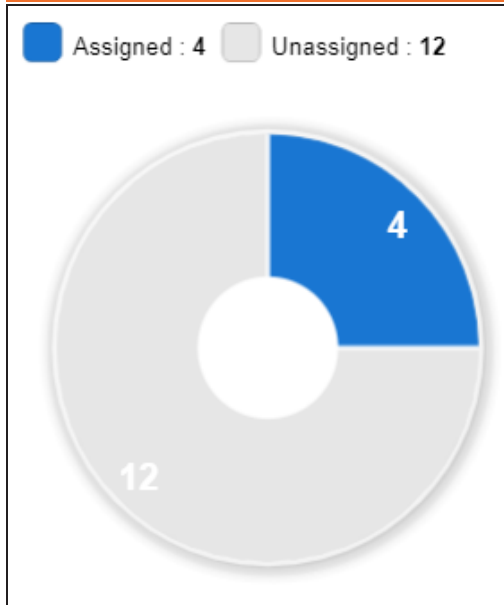
Mapping Projects

In the Mapping Projects pane, the pie-chart displays the number of assigned and unassigned projects to the role.

The blue colored slice corresponds to the assigned projects.

For example, the following chart displays four assigned projects and twelve unassigned projects.

Configuring Access Rights



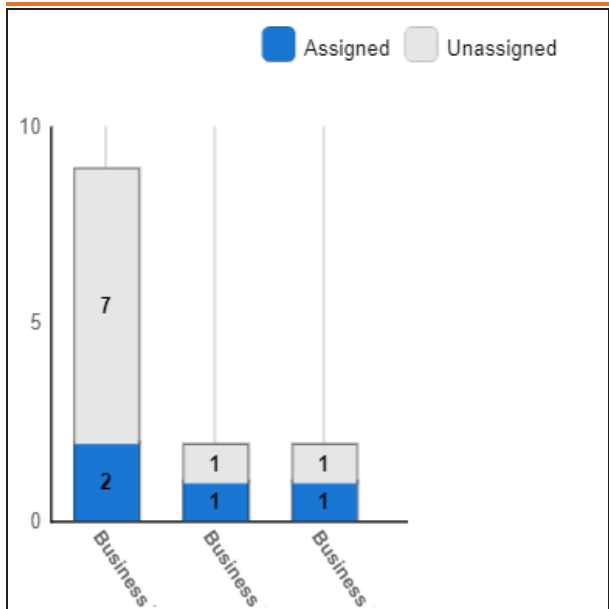
Business Glossary

In the Business Glossary pane, the bar graph displays the number of assigned and unassigned catalogs of each type.

The blue colored segment of the bar corresponds to assigned catalogs.

For example, the following bar graph displays two assigned business terms catalogs and seven unassigned business terms catalogs.

Configuring Access Rights



Managing Roles

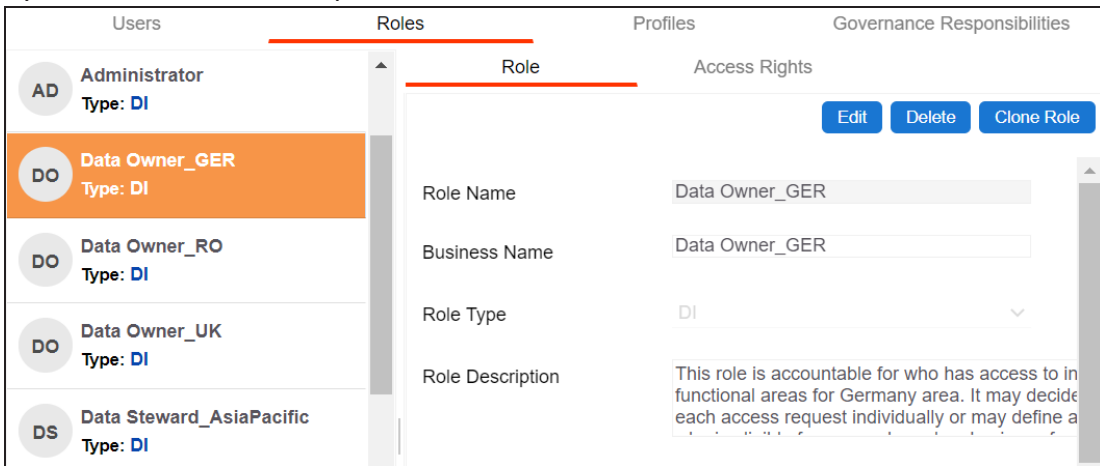
Managing Roles involves:

- Editing or deleting Roles
- Cloning Roles

To manage Roles, follow these steps:

1. On the **Roles** tab, click a role.

By default, the Role tab opens.



2. Use the following options on the Role tab:

Edit

Use this option to update roles. You can update the Permission Tree and Role Description.



You cannot edit the Role Name.

Delete

Use this option to delete a role that is no longer required.

Clone Role

Use this option to clone a role. The cloned role can have different role name and description.

Creating Users and Assigning Roles

Users are used to grant members of your team access to erwin DI and your projects. While a few users are available by default, you can create users for your organization using the Resource Manager. While you create users, you also assign them roles to define their access-level permissions.

When you upgrade from 11.5 or lower app version, the Business User Portal (BUP) users migrate to the latest erwin DI version as BU user type.



The Administrator user is available by default and you cannot edit or delete this user.

To create users, follow these steps:

1. Go to **Application Menu > Data Catalog > Resource Manager**.

By default, the Users tab opens.

The screenshot shows the 'Users' tab in the Resource Manager interface. On the left, there is a list of users under 'USERS (25)'. The 'Administrator' user is highlighted. The main area shows the 'User Details' form for the Administrator user, with fields for Login Type, User ID, User Full Name, Password, Mobile, Company Title, Default Role, Created By, Last Modified By, Landing Module, and User Image. The form is partially filled with default values.

Field	Value
Login Type	Database
User ID	Administrator
User Full Name	Administrator - Default System User
Password	XXXXXXXXXX
Mobile	9999999999
Company Title	Administrator
Default Role	Admin
Created By	System
Last Modified By	System
Landing Module	Mapping Manager
User Image	[User Image]
Telephone Number	9999999999
Email ID	abc@abc.com
Alternate Telephone Number	9999999999
Manager Name	
Company	erwin, Inc.
Created Date Time	02/26/2020 03:48:28
Last Modified Date Time	02/26/2020 03:48:28
Theme	erwin
Language Preference	English
User Type	DI

2. Click **+**.

The New User page appears.

Creating Users and Assigning Roles

3. Enter appropriate values in the fields. Refer to the following table for field descriptions.



The fields marked with an asterisk (*) is mandatory.

Field Name	Description
Login Type	<p>Specifies whether the user type is Database, LDAP (Lightweight Directory Access Protocol), SAML (Security Assertion Markup Language), or NON LOGIN.</p> <p>For example, Database.</p> <ul style="list-style-type: none"> ▪ Database: Select this option if the user authentication is through the credentials created in the Resource Manager. ▪ LDAP: Select this option if the user authentication is through a directory server, such as MS Active Directory, OpenLDAP or OpenDJ. ▪ SAML: Select this option if the user authentication is through SAML


Creating Users and Assigning Roles

Field Name	Description
	<p>attributes.</p> <ul style="list-style-type: none"> ▪ NON LOGIN: Select this option if the user is not required to log on to the application.
User ID*	<p>Specifies the user name of the user to log on to erwin DI. For example, lmicahal.</p>
User Full Name*	<p>Specifies the user's full name. For example, Luqman Michal.</p>
Password*	<p>Specifies the password to log on to erwin DI. For example, Luqman@1.</p> <p>The administrator provides a default password, which can be changed later. The administrator can also enforce a password policy. For more information on enforcing password policy, refer to the Configuring Settings topic.</p>
Mobile	<p>Specifies the user's valid mobile number. For example, +658374414288.</p>
Company Title	<p>Specifies the user's company title or designation. For example, Data Administrator.</p>
Default Role	<p>Specifies the default role of the user. For example, Data Steward_RO.</p>
Landing Module	<p>Specifies the landing module for the user. For example, Mapping Manager.</p> <p>The Landing Module is the first page displayed when a user logs in.</p>
User Roles*	<p>Select roles under Available Roles list-box and move them to Assigned Roles list-box using the arrows (→ or ⇨). Similarly, to change existing role assignment, select roles under Assigned Roles list-box and move them back to Available Roles list-box using the arrows (← or ⇦).</p> <p>For adding a new role under the Available Roles list-box, refer to the Creating Roles topic.</p>

Creating Users and Assigning Roles

Field Name	Description
	You can assign the Legacy Data Steward role to a user. This enables you to assign this user as a Data Steward in the Metadata Manager and Reference Data Manager.
Telephone Number	Specifies the valid telephone number of the user. For example, 1-800-783-7946.
Email ID*	Specifies the user's email address. For example, l.michal@mauris.edu
Alternate Telephone Number	Specifies the user's valid alternate telephone number. For example, 1-802-456-7946.
Manager Name	Specifies the name of the user's reporting manager. For example, John Doe.
Company	Specifies the name of the user's company. For example, ABC Consulting Services.
Send Email	Specifies whether to send email to the user's email ID. Select the Send Email check box to send an email notification to the user's email ID. For more information on configuring notifications, refer to the Configuring Notifications topic.
Theme	Specifies the theme for the user to set the appearance of erwin DI. By default, it is set to erwin (Web Blue).
Language Preference	Specifies the language preferred by the user. For example, English. For more information on language settings, refer to the Configuring Language Settings topic.
User Type	Specifies the user type. <ul style="list-style-type: none"> ▪ DI: Indicates the user type is Data Intelligence (DI), and the users have access to DI, and BU modules ▪ BU: Indicates that the user type is Business User (BU), and the users

Creating Users and Assigning Roles

Field Name	Description
	have access to BU module
User Image	Specifies the physical image file being attached to the user. Drag and drop a user's image file or click  to select and upload the image file.

4. Click .

A new user is created and added to the Users list.

Once a user is created, you can [configure its access rights](#) with respect to the assets in the Metadata Manager, Mapping Manager, and Business Glossary Manager. After assigning users to projects and mappings, you can view the user activity report and mapping assignments on the [User Assignments](#) tab.

You can also manage a user by using the options available on clicking the user. [Managing users](#) involves:

- Editing
- Deleting
- Viewing user account activities
- Viewing users activity history


Configuring Access Rights

You can configure user access rights and assign assets to users. Assets here refer to the environments in Metadata Manager, projects in Mapping Manager, and catalogs in Business Glossary Manager.

To configure access rights, follow these steps:

1. On the **Users** tab, click a user.

By default, the User Details tab opens.

User Details	User Account Activities	User Assignments	Access Rights
User Type	<input type="text" value="Database"/>	Telephone Number	<input type="text"/>
User ID	<input type="text" value="janedoe"/>	Email ID	<input type="text" value="jane.doe@edufirm.com"/>
User Full Name	<input type="text" value="Jane Doe"/>	Alternate Telephone Number	<input type="text"/>
Password	<input type="password" value="***"/>	Manager Name	<input type="text" value="K.Sridhar"/>
Mobile	<input type="text"/>	Company	<input type="text"/>
Company Title	<input type="text"/>	Created Date Time	<input type="text" value="08/07/2020 07:27:45"/>
Default Role	<input type="text" value="Mapping Designer"/>	Last Modified Date Time	<input type="text" value="09/29/2020 10:08:56"/>
Created By	<input type="text" value="Administrator"/>	Theme	<input type="text" value="erwin"/>
Last Modified By	<input type="text" value="Administrator"/>	Language Preference	<input type="text" value="English"/>
Landing Module	<input type="text" value="Mapping Manager"/>		
User Image			
User Roles			
Role Name	Role Description		

2. Click the **Access Rights** tab.

By default, the Metadata pane appears. It displays the environment assigned to the role.

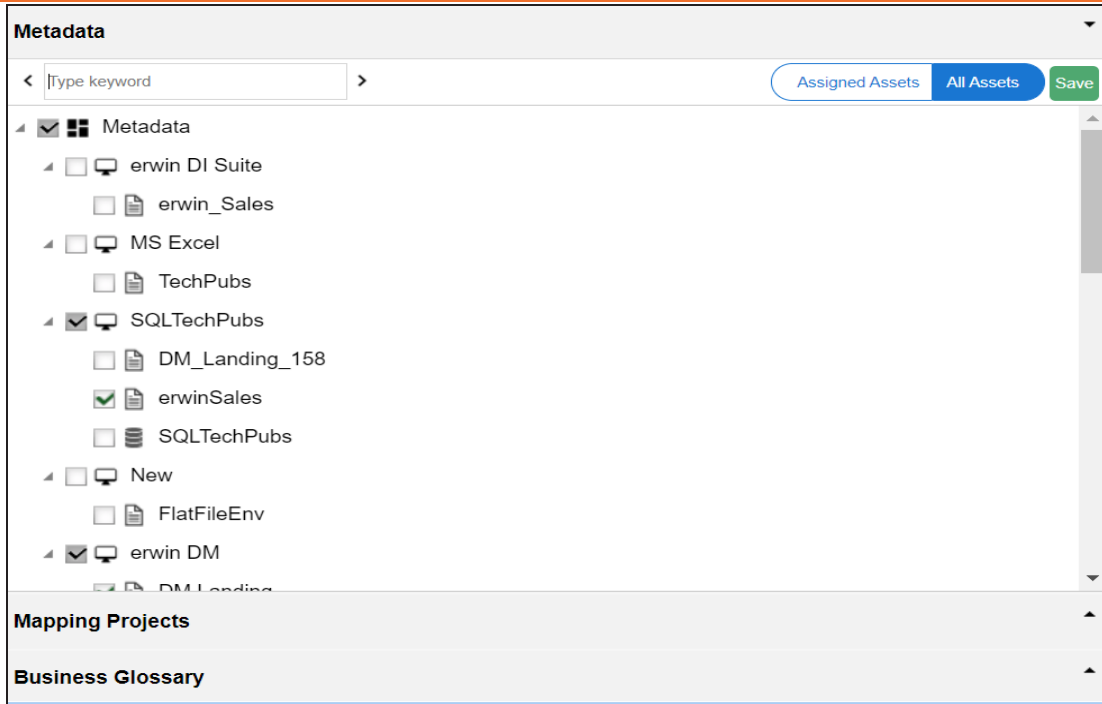
Configuring Access Rights

The screenshot displays the 'Access Rights Report' interface. At the top, there are navigation tabs: Roles, Profiles, Governance Responsibilities, and Access Rights Report. Under 'Access Rights Report', there are sub-tabs: User Details, User Account Activities, User Assignments, and Access Rights. The 'Access Rights' sub-tab is active. The main content area is divided into two panes: 'Metadata' and 'Business Glossary'. The 'Metadata' pane has a search bar with the text 'Type keyword' and two buttons: 'Assigned Assets' (highlighted in blue) and 'All Assets'. Below the search bar is a tree view of metadata items: erwin DI Suite (with sub-items erwin_Sales and SQLTechPubs), erwinSales, New (with sub-item FlatFileEnv), Mapping Projects, and Business Glossary. The 'Business Glossary' pane is currently collapsed. To the right of the panes is a summary dashboard with six blue boxes containing counts: 7 Assigned Assets, 1 Assigned Roles, 3/23 Metadata Environments, 3/16 Mapping Projects, 1/9 Business Terms Catalogs, and 0/2 Business Policies Catalogs. Below the dashboard is a legend for a donut chart: 'Assigned : 3' (blue square) and 'Unassigned : 20' (grey square). The donut chart shows a blue slice representing 3 assigned assets and a grey slice representing 20 unassigned assets.

3. Click the required pane and switch **Assigned Assets** **All Assets** to **All Assets**.

For example, if you switch to All Assets in the Metadata pane, all the environments appear.

Configuring Access Rights



4. Select the required assets.
5. Click **Save**.

The selected assets are assigned to the user.

After, assigning assets to roles, you can view a summary of user assignments with the help of infographics.

Viewing Infographics

The Access Rights tab displays metrics that help you analyze and track user assignments. It presents this information using statistical boards, charts, or graphs.

Statistical Boards

The following statistical boards display metrics about user assignments:

Configuring Access Rights

10 Assigned Assets	1 Assigned Roles
2/23 Metadata Environments	4/16 Mapping Projects
2/9 Business Terms Catalogs	1/2 Business Policies Catalogs
1/2 Business Rules Catalogs	0/0 DM NSM Files Catalogs

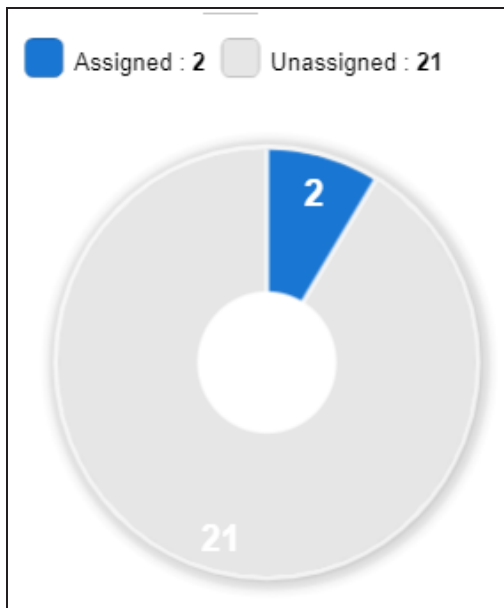
- **Assigned Assets:** It displays the total number of assigned assets. This includes all the environments, projects, and catalogs assigned to the user.
- **Assigned Roles:** It displays the number of roles assigned to the user.
- **Metadata Environments:** It displays the number of environments in the Metadata Manager assigned to the user.
- **Mapping Projects:** It displays the number of projects in the Mapping Manager assigned to the user.
- **Business Terms Catalogs:** It displays the number of business terms catalogs in the Business Glossary Manager assigned to the user.
- **Business Policies Catalogs:** It displays the number of business policies catalogs in the Business Glossary Manager assigned to the user.
- **Business Rules Catalogs:** It displays the number of business rules catalogs in the Business Glossary Manager assigned to the user.

Metadata

In the Metadata pane, the pie-chart displays the number of assigned and unassigned environments to the user. The blue colored slice corresponds to the assigned environments.

Configuring Access Rights

For example, the following pie-chart displays two assigned environments and twenty-one unassigned environments.



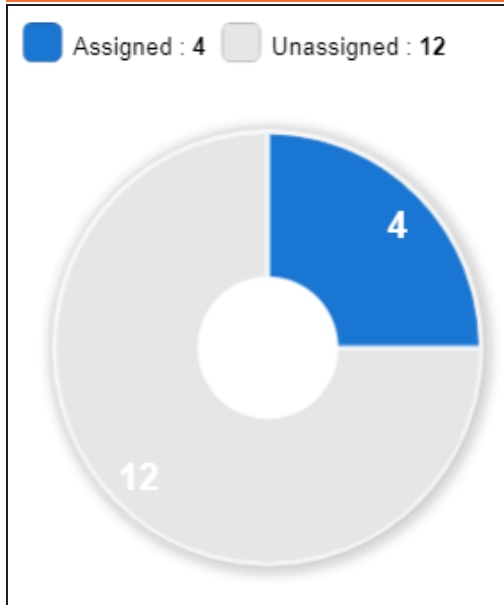
Mapping Projects

In the Mapping Projects pane, the pie-chart displays the number of assigned and unassigned projects to the user.

The blue colored slice corresponds to the assigned projects.

For example, the following chart displays four assigned projects and twelve unassigned projects.

Configuring Access Rights



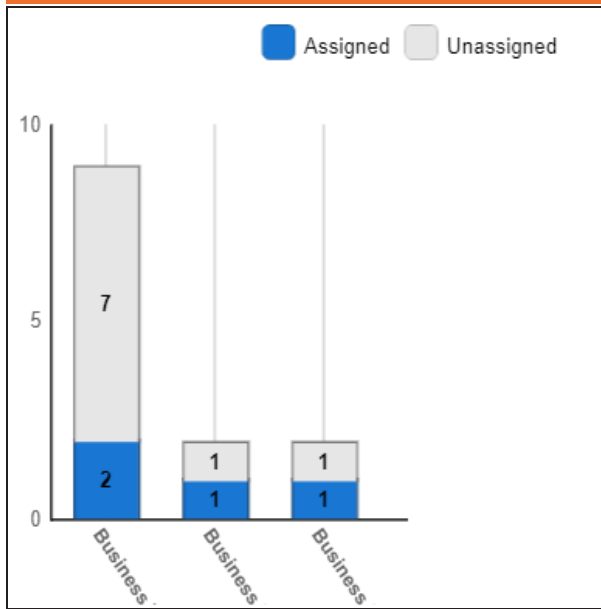
Business Glossary

In the Business Glossary pane, the bar graph displays the number of assigned and unassigned catalogs of each type.

The blue colored segment of the bar corresponds to assigned catalogs.

For example, the following bar graph displays two assigned business terms catalogs and seven unassigned business terms catalogs.

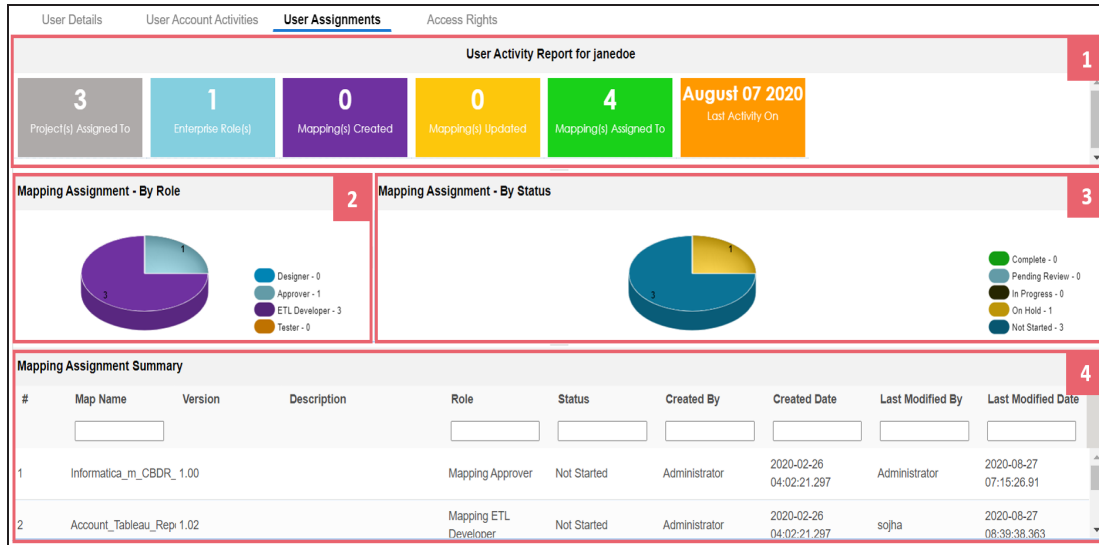
Configuring Access Rights



Viewing User Assignments

The User Assignments tab displays metrics that help you analyze and track user assignments with respect to the Mapping Manager. It presents this information using statistical boards, charts, and grid.

To view user assignments, on the **Users** tab, click the **User Assignments** tab.

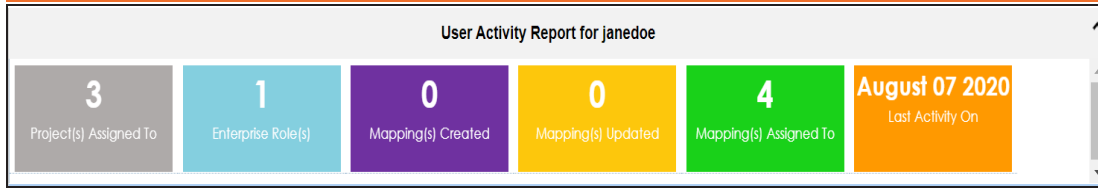


UI Section	Function
1- User Activity Report	It displays a snapshot of statistics related to the user activities.
2- Mapping Assignment - By Role	It displays information about the mapping assignment based on their statuses.
3- Mapping Assignment - By Status	
4- Mapping Assignment Summary	It displays a list of maps assigned to the user.

User Activity Report

The User Activity Report pane displays the following statistical boards:

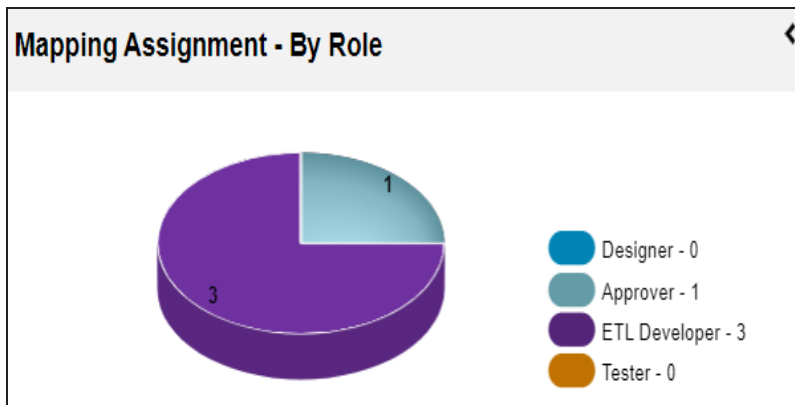
Viewing User Assignments



- **Project(s) Assigned To:** It displays the number of mapping projects assigned to the user.
- **Enterprise Roles:** It displays the number of roles assigned to the user.
- **Mappings Created:** It displays the number of maps created by the user.
- **Mappings Updated:** It displays the number of maps updated by the user.
- **Mapping(s) Assigned To:** It displays the number of mappings assigned to the user
- **Last Activity On:** It displays the date and time of last activity of the user.

Mapping Assignment - By Role

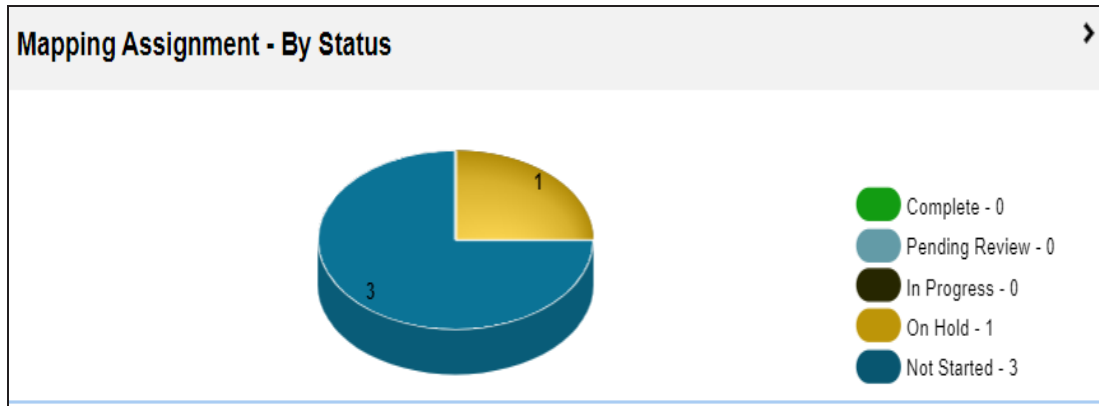
The Mapping Assignment - By Role pane displays the number of mappings based on the user's role in a pie-chart.



Each slice of the pie-chart corresponds to a role. To view detailed information about mapping assignment, click a slice. The Mapping Assignment Summary pane displays the map names based on the role.

Mapping Assignment - By Status

The Mapping Assignment - By Status pane displays number of mappings based on the status in a pie-chart.



Each slice corresponds to a status. To view detailed information about the mapping assignment, click a slice. The Mapping Assignment Summary pane displays the map names based on the status.

Mapping Assignment Summary

By default, the Mapping Assignment Summary pane displays all the maps assigned to the user in the grid format.

Mapping Assignment Summary									
#	Map Name	Version	Description	Role	Status	Created By	Created Date	Last Modified By	Last Modified Date
	<input type="text"/>			<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
1	Informatica_m_CBI	1.00		Mapping Approver	Not Started	Administrator	2020-02-26 04:02:21.297	Administrator	2020-08-27 07:15:26.91
2	Account_Tableau_I	1.02		Mapping ETL Developer	Not Started	Administrator	2020-02-26 04:02:21.297	sojha	2020-08-27 08:39:38.363
3	TechPubs	1.00		Mapping ETL Developer	On Hold	Administrator	2020-05-23 18:51:12.91	Administrator	2020-08-27 06:50:59.303

You can click a slice in the above pie-charts to view the mapping assignment in the grid. It includes map name, roles of the user, and status of the maps.

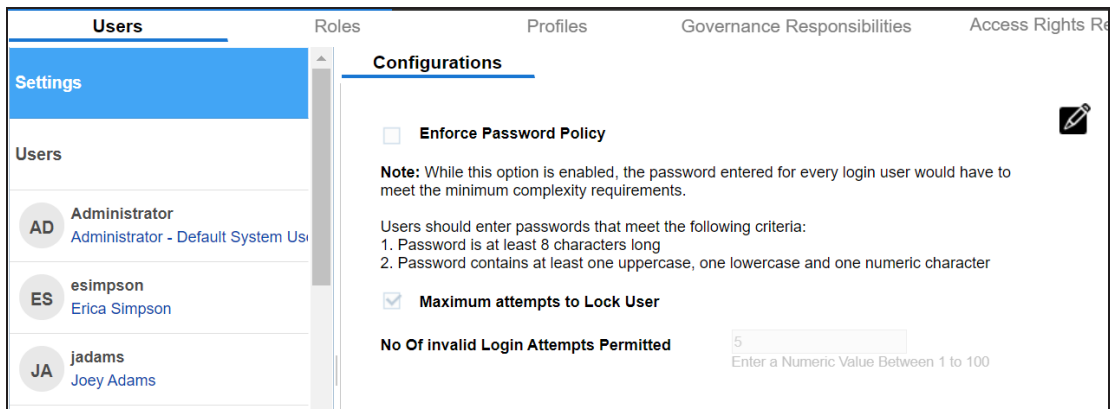
Configuring Password Settings


You can configure password settings to enforce a password policy that sets the minimum complexity requirements for user passwords. The set of rules in the password policy makes the passwords strong. You can also set maximum number of invalid logs in attempts to lock users.

To configure password settings, follow these steps:

1. On the **Users** tab, click the **Settings** section.

By default, the Configurations tab opens.



2. Click .
3. Use the following options:

Enforce Password Policy

Use this option to enforce the password policy.

Maximum attempts to Lock User

Use this option to turn on the **No Of invalid Login Attempts Permitted** field.

No of invalid Login Attempts Permitted: Use this option to set the maximum number of invalid logs in attempts. For example, if you set it to 5, the user gets locked after attempting 5 number of invalid logs in attempts. You can enable the locked user by using the options available under the Users section.

For more information on enabling users, refer to the [Managing Users](#) topic.

Managing Users

Managing users involves:

- Editing or deleting users
- Monitoring user account activities
- Viewing users activity history

Editing or Deleting

To edit or delete users, follow these steps:

1. On the **Users** tab, click a user.

By default, the User Details tab opens.

Roles	Profiles	Governance Responsibilities	Access Rights
User Details	User Account Activities	User Assignments	Access Rights
User Type	<input type="text" value="Database"/>	Telephone Number	<input type="text"/>
User ID	<input type="text" value="esimpson"/>	Email ID	<input type="text" value="e.simpson@xyz.com"/>
User Full Name	<input type="text" value="Erica Simpson"/>	Alternate Telephone Number	<input type="text"/>
Password	<input type="password" value="....."/>	Manager Name	<input type="text"/>

2. Use the following options:

Edit User (✎)

Use this option to update user details and assign new roles to the user.



You cannot edit the User Type, User ID and the Default Role.

Delete User (🗑)

Use this option to delete a user that is no longer required.

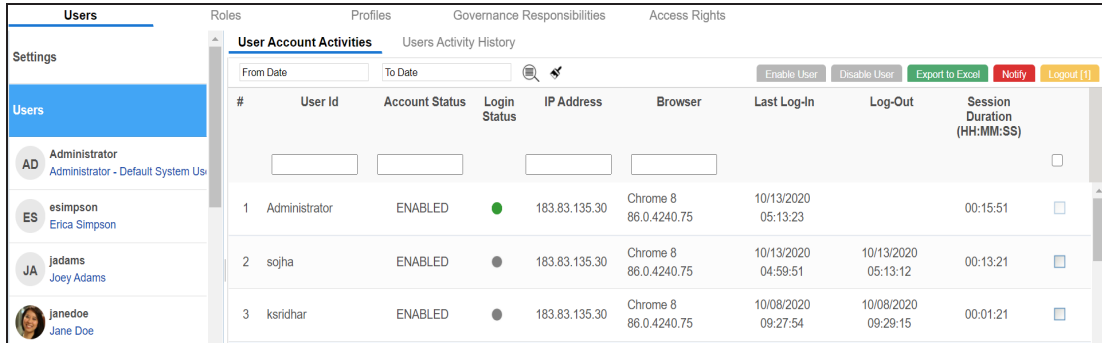
Monitoring User Account Activities

To monitor user account activities, follow these steps:

Managing Users

1. In the browser pane, click the **Users** section.

By default, the User Account Activities tab opens. It displays the account activities of all the users.



The screenshot shows the 'User Account Activities' tab in a web application. The interface includes a left sidebar with 'Users' selected, a top navigation bar with tabs for 'Roles', 'Profiles', 'Governance Responsibilities', and 'Access Rights', and a main content area with a table of user activities. The table has columns for '#', 'User Id', 'Account Status', 'Login Status', 'IP Address', 'Browser', 'Last Log-In', 'Log-Out', and 'Session Duration (HH:MM:SS)'. There are also buttons for 'Enable User', 'Disable User', 'Export to Excel', 'Notify', and 'Logout [1]'.

#	User Id	Account Status	Login Status	IP Address	Browser	Last Log-In	Log-Out	Session Duration (HH:MM:SS)
1	Administrator	ENABLED	●	183.83.135.30	Chrome 8 86.0.4240.75	10/13/2020 05:13:23		00:15:51
2	sojha	ENABLED	●	183.83.135.30	Chrome 8 86.0.4240.75	10/13/2020 04:59:51	10/13/2020 05:13:12	00:13:21
3	ksridhar	ENABLED	●	183.83.135.30	Chrome 8 86.0.4240.75	10/08/2020 09:27:54	10/08/2020 09:29:15	00:01:21

2. Use the following options:

Enable User

Use this option to enable locked and disabled users. To enable users, select the required rows in the grid and click **Enable User**.

Disable User

Use this option to disable users. To disable users, select the required rows in the grid and click **Disable User**.

Export to Excel

Use this option to download the user's account activities in the XLS format.

Notify


Use this option to send email notifications to users.

Logout


Use this option to log out the user.



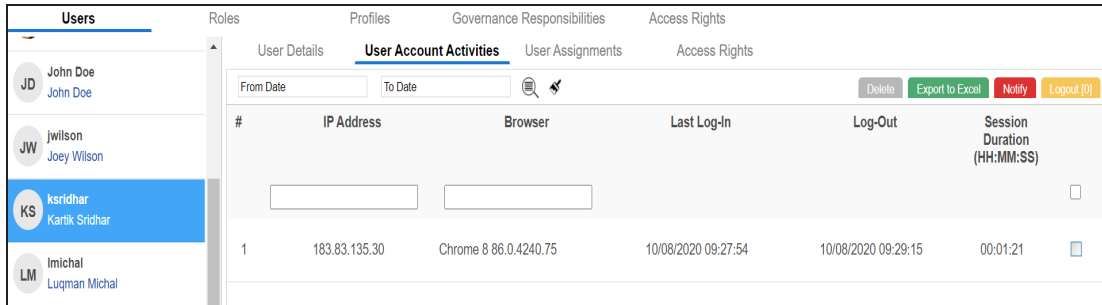
If the selected user is logged in then the Logout button appears like Logout[1].

You can filter the content in the grid based on the From Date and To Date. To filter the content, set dates in the **From Date** and **To Date** and then click .

Managing Users

To clear the search results, click .

You can monitor account activities of an individual user. To monitor account activities of users individually, on the **Users** tab, click a user and then click the **User Account Activities** tab. Refer to the above descriptions for the available options on the User Account Activities tab.



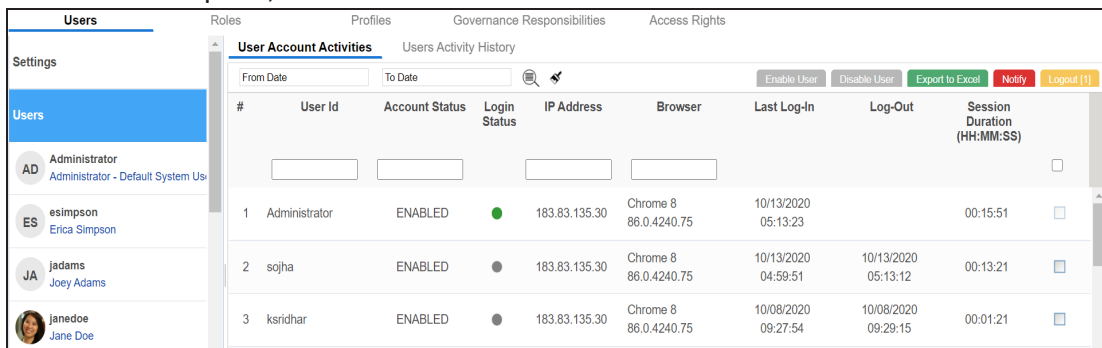
The screenshot shows the 'User Account Activities' tab for user 'ksridhar'. The table displays the following data:

#	IP Address	Browser	Last Log-In	Log-Out	Session Duration (HH:MM:SS)
1	183.83.135.30	Chrome 8 86.0.4240.75	10/08/2020 09:27:54	10/08/2020 09:29:15	00:01:21

Viewing Users Activity History

To view users activity history, follow these steps:

1. In the browser pane, click the **Users** section.



The screenshot shows the 'Users Activity History' tab. The table displays the following data:

#	User Id	Account Status	Login Status	IP Address	Browser	Last Log-In	Log-Out	Session Duration (HH:MM:SS)
1	Administrator	ENABLED	●	183.83.135.30	Chrome 8 86.0.4240.75	10/13/2020 05:13:23		00:15:51
2	sojha	ENABLED	●	183.83.135.30	Chrome 8 86.0.4240.75	10/13/2020 04:59:51	10/13/2020 05:13:12	00:13:21
3	ksridhar	ENABLED	●	183.83.135.30	Chrome 8 86.0.4240.75	10/08/2020 09:27:54	10/08/2020 09:29:15	00:01:21



2. Click the **Users Activity History** tab.

It displays the complete history of users activity.


Managing Users


Profiles Governance Responsibilities Access Rights

User Account Activities **Users Activity History**

From Date To Date   Export to Excel

#	User Id	Full Name	Role(s)	Action Type	IP Address	Browser	Action By	Action Date
1	lmichal	Luqman Michal	ETL Developer	ACCOUNT ENABLED	183.83.135.30	Chrome 8(86.0.4240.75)	Administrator	10/13/2020 05:42:48
2	ksridhar	Kartik Sridhar	Data Owner_RO	ACCOUNT ENABLED	183.83.135.30	Chrome 8(86.0.4240.75)	Administrator	10/13/2020 05:42:48
3	sojha	Saras Ojha	Mapping Admin	ACCOUNT ENABLED	183.83.135.30	Chrome 8(86.0.4240.75)	Administrator	10/13/2020 05:42:48

You can filter the content in the grid based on the From Date and To Date. To filter the content, set dates in the **From Date** and **To Date** and then click .

To clear the search results, click .

Creating Profiles

Profiles help users to personalize:

- Mapping Specification grid in the Mapping Manager.
- Code Value Grid in the Codeset Manager.

You can create two types of profiles:

- **Site Profiles:** You can create a profile for other users by creating a site profile. Ensure that you specify the users who can access the site profile.



The Default profile is available by default as a site profile for all the users. You cannot edit or delete this profile.

- **User Profiles:** You can create a profile for yourself. A user profile created by you cannot be accessed by other users.

To create profiles, follow these steps:

1. Go to **Application Menu > Data Catalog > Resource Manager**.

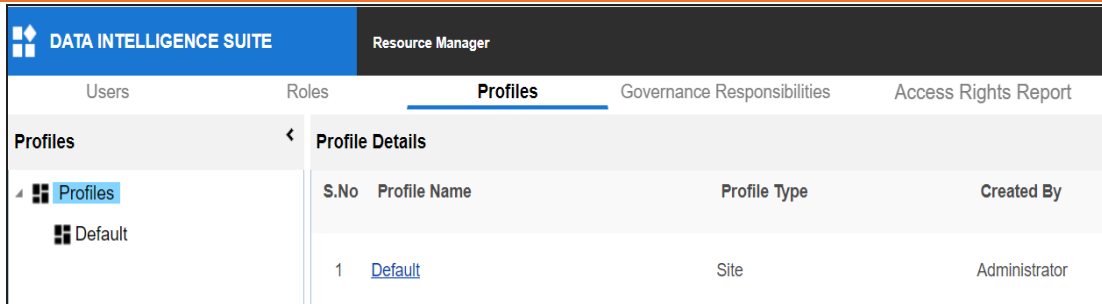
By default, the Users tab opens.

The screenshot shows the 'Resource Manager' interface in the 'DATA INTELLIGENCE SUITE'. The 'Users' tab is selected, displaying a list of users on the left and a 'User Details' form on the right. The user list includes 'Administrator' (AD) and 'esimpson' (ES). The 'User Details' form for the selected user has the following fields:

User Type	<input type="text" value="Database"/>	Telephone Number
User ID	<input type="text" value="Administrator"/>	Email ID
User Full Name	<input type="text" value="Administrator - Default System User"/>	Alternate Telephone Number
Password	<input type="password" value="....."/>	Manager Name
Mobile	<input type="text" value="999999999"/>	Company

2. Click the **Profiles** tab.

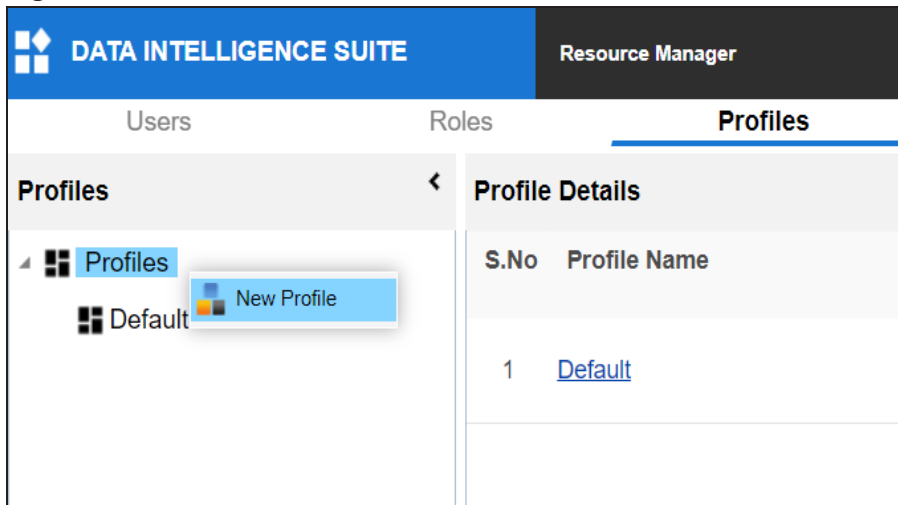
Creating Profiles



The screenshot shows the 'DATA INTELLIGENCE SUITE' interface with 'Resource Manager' selected. The navigation tabs are 'Users', 'Roles', 'Profiles', 'Governance Responsibilities', and 'Access Rights Report'. The 'Profiles' tab is active. In the left sidebar, the 'Profiles' node is expanded, showing a 'Default' profile. The main area displays the 'Profile Details' table with the following data:

S.No	Profile Name	Profile Type	Created By
1	Default	Site	Administrator

3. Right-click the **Profiles** node.



The screenshot shows the 'DATA INTELLIGENCE SUITE' interface with 'Resource Manager' selected. The navigation tabs are 'Users', 'Roles', and 'Profiles'. The 'Profiles' tab is active. In the left sidebar, the 'Profiles' node is expanded, showing a 'Default' profile. A context menu is open over the 'Profiles' node, with the 'New Profile' option highlighted.

4. Click **New Profile**

The New Profile page appears.

Creating Profiles

The screenshot shows a 'New Profile' dialog box with the following elements:

- Profile Name ***: A text input field.
- Description**: A text area with a rich text editor toolbar (bold, italic, underline, list, etc.).
- Profile Type**: Two radio buttons, 'User' and 'Site'.
- Override User List**: A dropdown menu with a scrollable list of user names: None, All Users, Administrator, esimpson, jadams, janedoe, John Doe, jwilson, ksnidhar, Imichal.

5. Enter appropriate values in the fields. Fields marked with a red asterisk are mandatory. Refer to the following table for field descriptions.

Field Name	Description
Profile Name	Specifies the unique name of the profile. For example, Mapping_Admin_Profile.
Description	Specifies the description about the profile. For example: This is a site profile for mapping administrators.
Profile Type	Specifies type of the profile. <ul style="list-style-type: none"> ▪ To create the profile for yourself, select User. ▪ To create profile for other users, select Site and select appropriate users from the Override User List.

6. Click .

A profile is created and added to the Profiles tree.

Creating Profiles

Users	Roles	Profiles
Profiles	<	Profile Details
Profiles		S.No Profile Name
Default		1 Default
Mapping_Admin_Profile		2 Mapping_Admin_Profile
Mapping_Designer_Profile		3 Mapping_Designer_Profile

Once the profile is created, you can set the following for the profile:

- [Mapping Specification grid in the Mapping Manager](#)
- [Code Value Grid in the Codeset Manager](#)

You can also manage profiles. It involves editing or deleting profiles. For more information on managing profiles, refer to the [Managing Profiles](#) topic.

Setting Mapping Specification Grids

You can set the Mapping Specification grid for a profile with respect to:

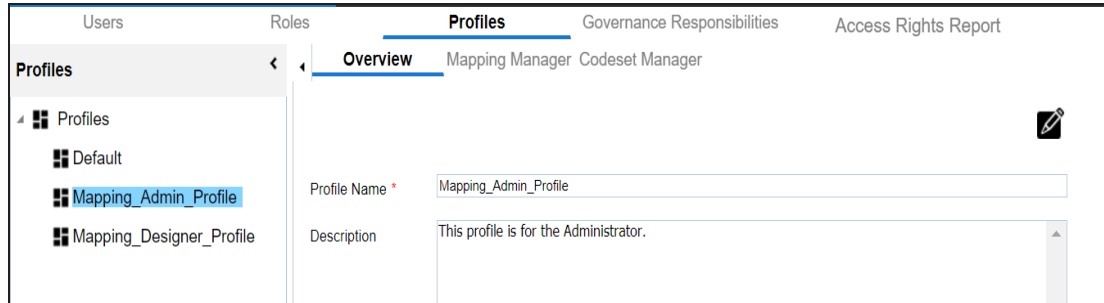
- Column order
- Column visibility
- Header Menu

You can also define the project scope of the profile.

To set Mapping Specification grids, follow these steps:

1. In the **Profiles** pane, click a profile.

By default, the Overview tab opens.



2. Click the **Mapping Manager** tab.

Setting Mapping Specification Grids

The screenshot shows the Mapping Manager interface. At the top, there are tabs for 'Profiles', 'Governance Responsibilities', and 'Access Rights Report'. Below these, there are sub-tabs for 'Overview', 'Mapping Manager', and 'Codeset Manager'. The 'Mapping Manager' tab is active. On the left, there is a 'Project Scope' dropdown menu with options: 'None', 'All Projects', 'ABC', 'dgid', 'DigitalAdoption', 'erwinDIS', 'Lineage Demo', 'Project', 'project 1', and 'Project Tech Pubs'. Below the dropdown is a 'Mapping Grid' section with a table. The table has columns: '#', 'Target System Name', 'Target Environment Name', 'Target Table Name', 'Target Column Name', 'Target Column Data Type', 'Target Column Length', 'Target Column Precision', 'Target Column Scale', 'Target Column Nullable Flag', and 'Target Column ETL Default Value'. Below the table, there are two sections: 'All Mapping Tabs' and 'Move to Top'. 'All Mapping Tabs' includes 'Map Spec Overview', 'Source Extract SQL', 'Target Update Strategy', 'Testing Notes', and 'Map Documents'. 'Move to Top' includes 'Mapping Specification', 'Graphical Designer', 'Test Specification', and 'Workflow Log'.

3. Click .

4. Use the following options:

Project Scope

Use this option to specify the projects to which the profile can be used. For example, if the project scope is **All Projects** then the profile can be used to view all the projects in the Mapping Manager. To select multiple projects, use the Ctrl key.

Mapping Grid

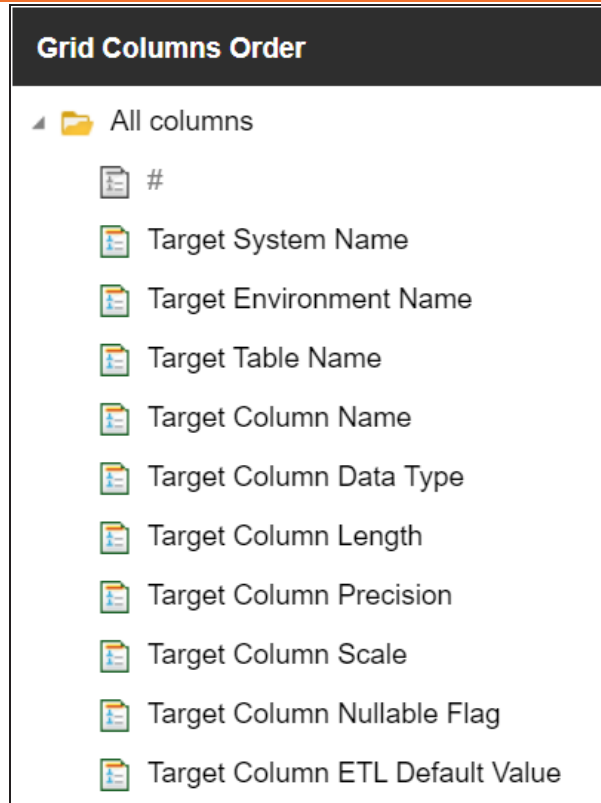
Use the following options under this section to set the columns and header menu:

Change Column Order (⇅)

Use this option to set the columns order.

To change the column order, click ⇅. The Grid Columns Order page appears.

Setting Mapping Specification Grids

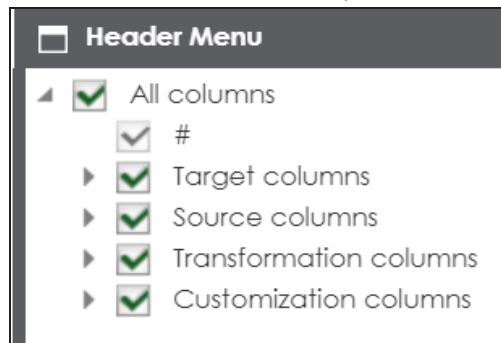


Drag and drop the columns in the required order.

Header Menu (☰)

Use this option to set the columns visible in the header menu.

To set the columns visible, click ☰ and select the required columns.



Reset Column Ordering (🔄)

Setting Mapping Specification Grids

Use this option to reset the column order.

Reset Column Visibility ()

Use this option to reset the column visibility.

Move to Top

The mapping tabs present in **Move to Top** box appears on top of the mapping grid.

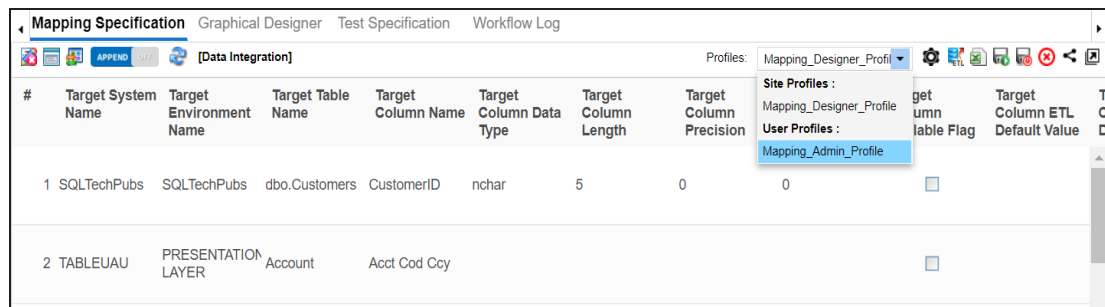
To move mapping tabs from **All Mapping Tabs** to **Move to Top** box, use ( or ) .

To move mapping tabs from **Move to Top** box to **All Mapping Tabs** box, use ( or ) .

5. Click .

The Mapping Specification grid is set for the profile.

The user can choose a profile in the Mapping Manager to view the Mapping Specification grid.



#	Target System Name	Target Environment Name	Target Table Name	Target Column Name	Target Column Data Type	Target Column Length	Target Column Precision	get Column Flag	Target Column ETL Default Value	Ti C D
1	SQLTechPubs	SQLTechPubs	dbo.Customers	CustomerID	nchar	5	0	<input type="checkbox"/>	0	
2	TABLEUAU	PRESENTATION LAYER	Account	Acct Cod Ccy				<input type="checkbox"/>		

Setting Code Value Grids

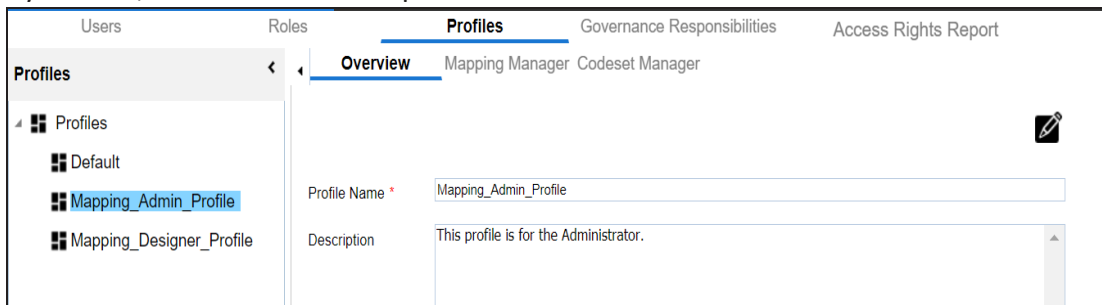
You can set Code Value Grid for a profile with respect to:

- Header menu
- Column order
- Column visibility

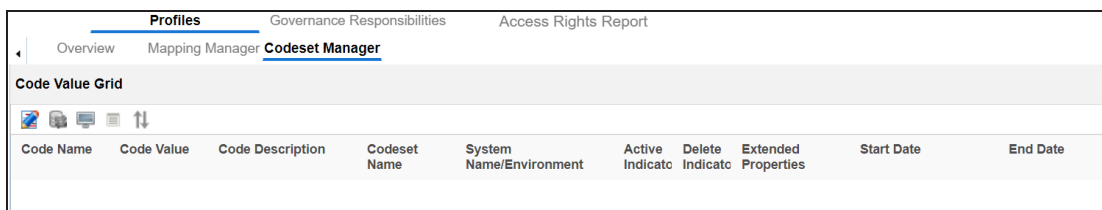
To set Code Value Grids, follow these steps:

1. In the **Profiles** pane, click a profile.

By default, the Overview tab opens.



2. Click the **Codeset Manager** tab.



3. Click .

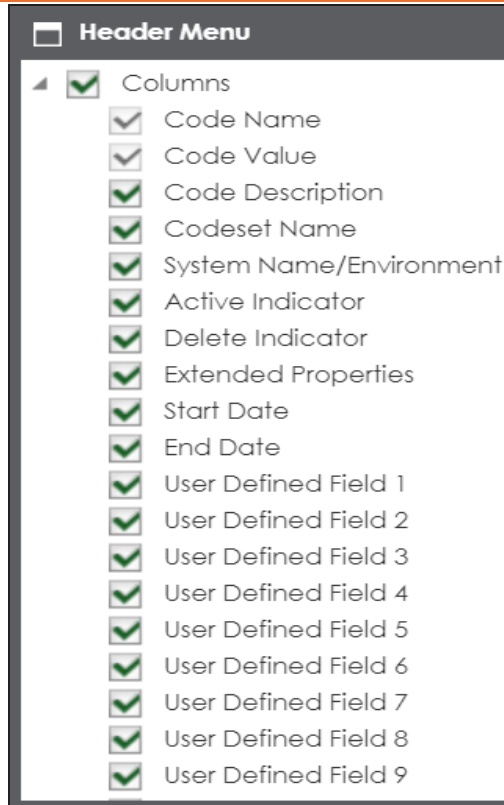
4. Use the following options:

Header Menu ()

Use this option to set the column visibility in the header menu.

To set the column visibility, click  and select the required columns.

Setting Code Value Grids

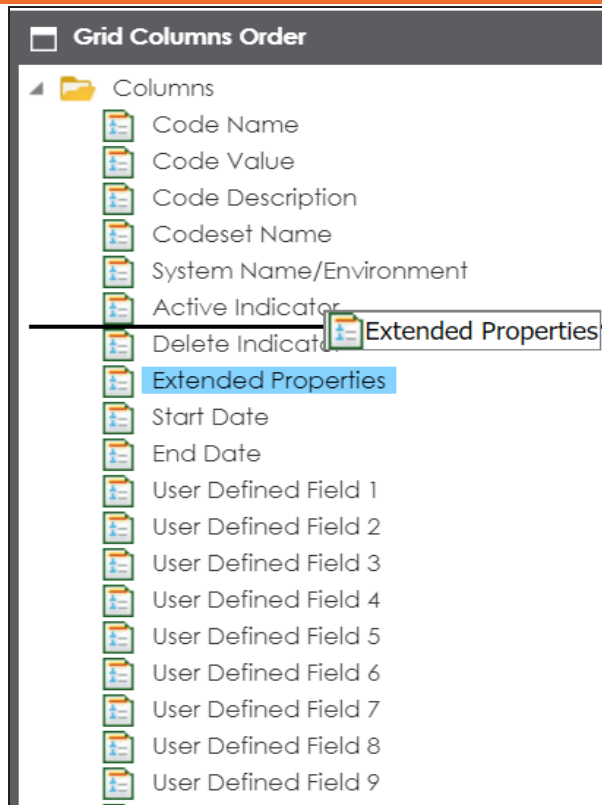


Change Column Order (⇅)

Use this option to set the column order.

To set the column order, click ⇅ and then drag and drop the columns in the required order.

Setting Code Value Grids



Reset Column Ordering (🔄)

Use this option to reset the column order.

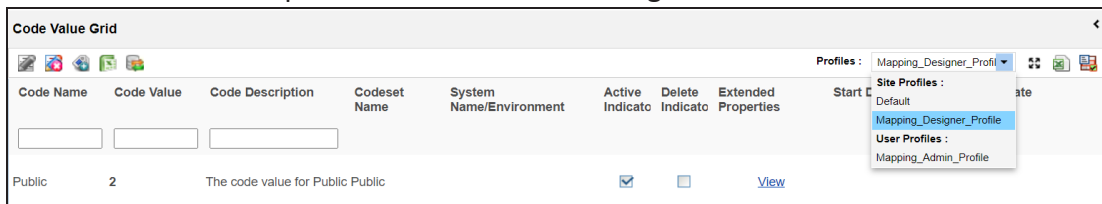
Reset Column Visibility (🖥️)

Use this option to reset the column visibility.

5. Click 📄.

The Code Value Grid is set for the profile.

The user can select a profile in the Codeset Manager to view the Code Value Grid.



Managing Profiles

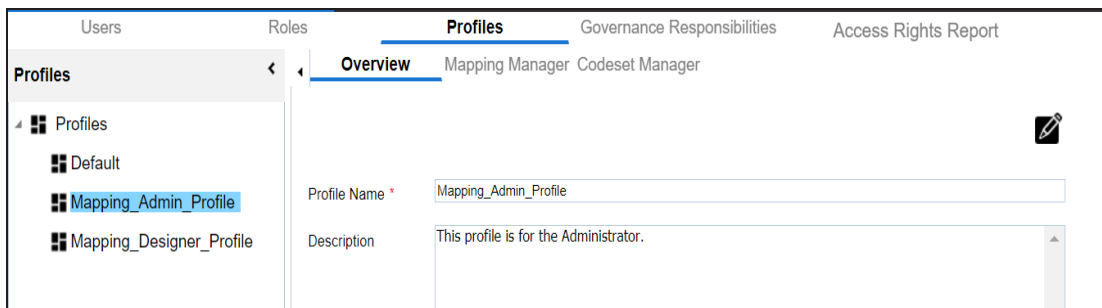
Managing Profiles involves:

- Editing
- Deleting

To edit a profile, follow these steps:

1. In the **Profiles** pane, click a profile.

The Overview tab opens.



2. Click .

You can update the profile.

3. Click .

The profile is updated.

To delete profiles, in the **Profiles** pane, right-click a profile and click **Delete Profile(s)**.

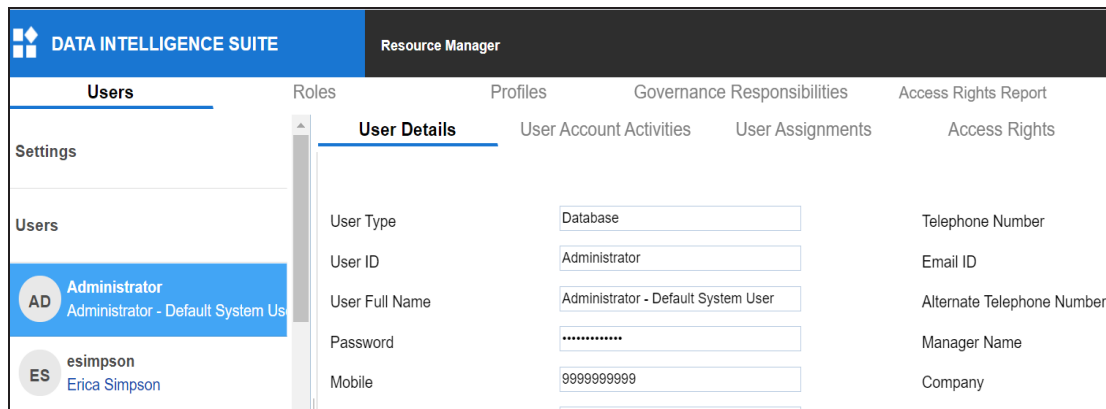
Viewing Access Rights Report

The Access Rights Report tab displays the roles and users assignments. You can view these assignments in the graphical and tabular views. The graphical view displays the assigned asset types and names in a tree structure that can be expanded. Whereas the tabular view displays the assigned asset types and names in a grid format.

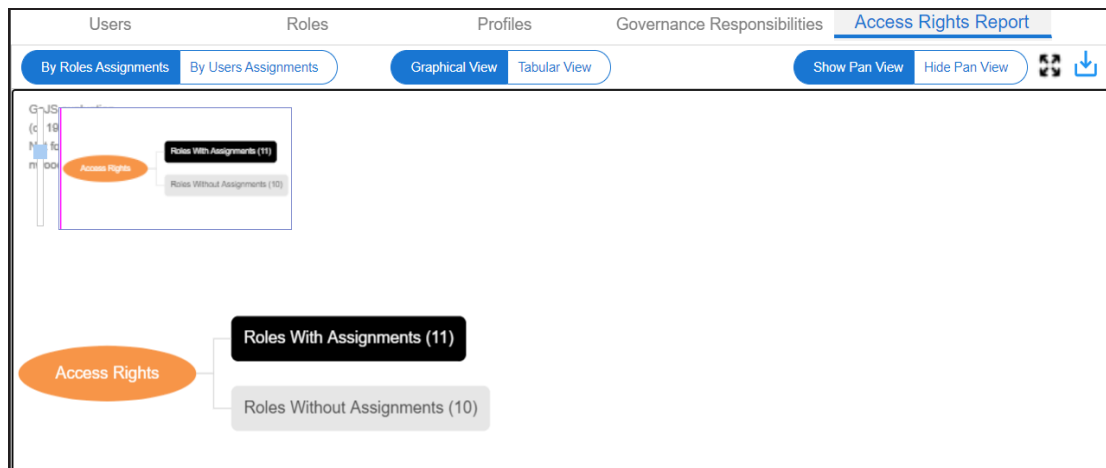
To view access rights, follow these steps:

1. Go to **Application Menu > Data Catalog > Resource Manager**.

By default, the Users tab opens.



2. Click the **Access Rights Report** tab.



Viewing Access Rights Report

3. Use the following options:

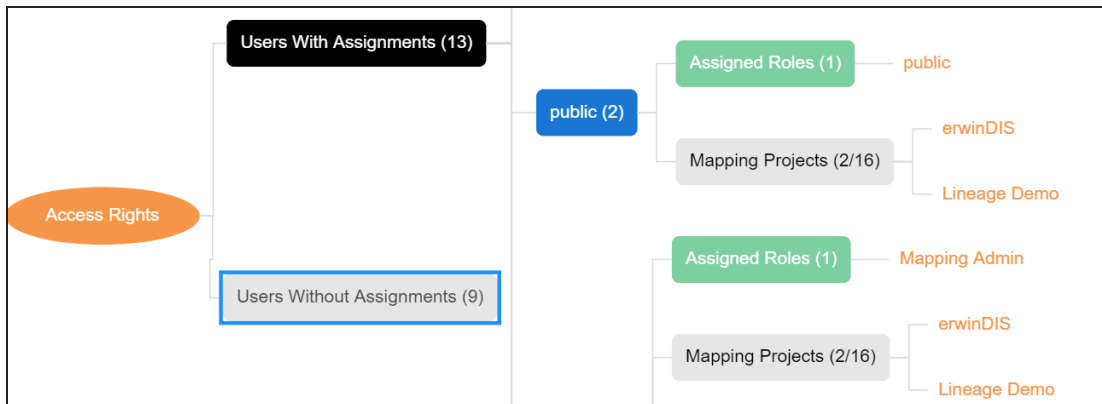
By Roles Assignments/By Users Assignments

Use this option to switch between the roles and users assignments.

Graphical View/Tabular View

Use this option to switch between the graphical and tabular views.

The graphical view displays the assignments in a tree structure. You can expand the tree to view the asset types and names. For example, the following graphical view displays the users assignment.



Use the following options on the Graphical View:

- **Show Pan View/Hide Pan View**

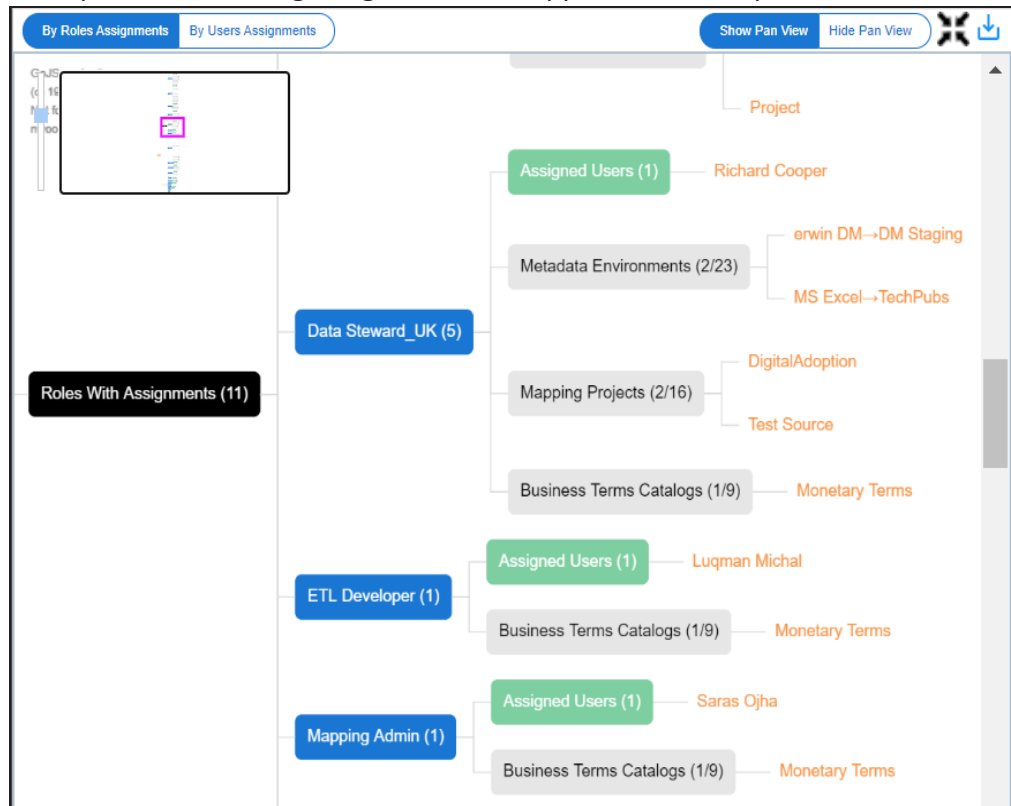
Use this option to show or hide pan view. The pan view facilitates in navigating across the expanded assignment tree. To navigate across the expanded, on the **Pan View**, move the purple box.

Viewing Access Rights Report



Expand/Collapse (🔍)

Use this option to switch between the expanded or collapsed view. For example, the following assignment tree appears in the expanded view.



Viewing Access Rights Report

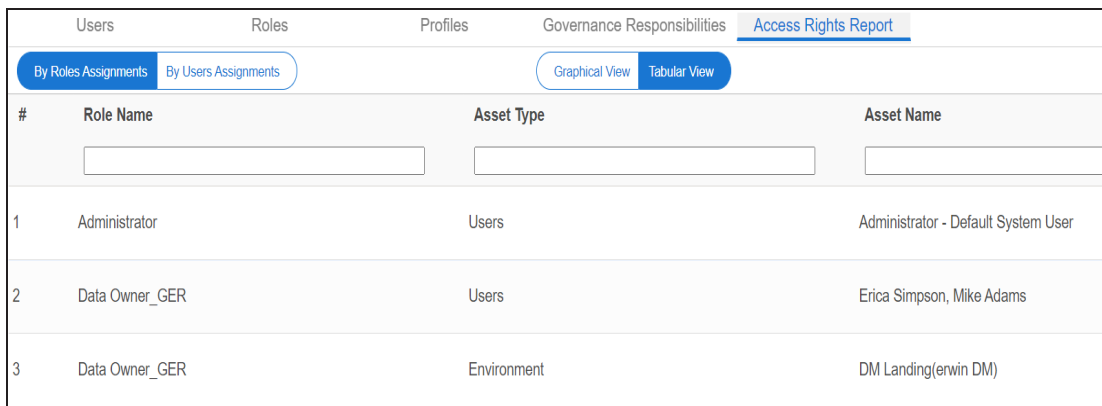
- **Expand Node Level**

Use this option to expand the assignment tree at node level. Hover over a node and click the plus (+) icon.

- **Export Image** 


Use this option to download the assignment tree in the JPG format.

The Tabular View displays the assignment details in a grid format. For example, the following roles assignments are displayed in the grid format.



The screenshot shows a web interface with a navigation bar containing 'Users', 'Roles', 'Profiles', 'Governance Responsibilities', and 'Access Rights Report'. Below the navigation bar are two tabs: 'By Roles Assignments' and 'By Users Assignments'. To the right of these tabs are two view options: 'Graphical View' and 'Tabular View'. The 'Tabular View' is selected, displaying a table with the following data:

#	Role Name	Asset Type	Asset Name
1	Administrator	Users	Administrator - Default System User
2	Data Owner_GER	Users	Erica Simpson, Mike Adams
3	Data Owner_GER	Environment	DM Landing(erwin DM)

You can download the assignments details in the XLSX format. To download the assignments, on the **Tabular View**, click .

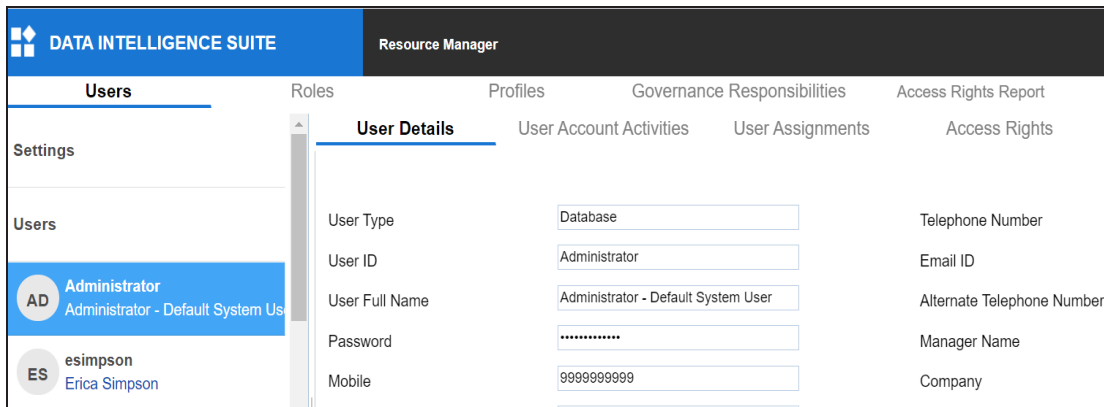
Creating Roles Group

Data governance plan in your organization may require new roles groups to accommodate governance responsibilities. You can create roles groups and group roles based on the governance responsibilities in your organization.

To create roles groups, follow these steps:

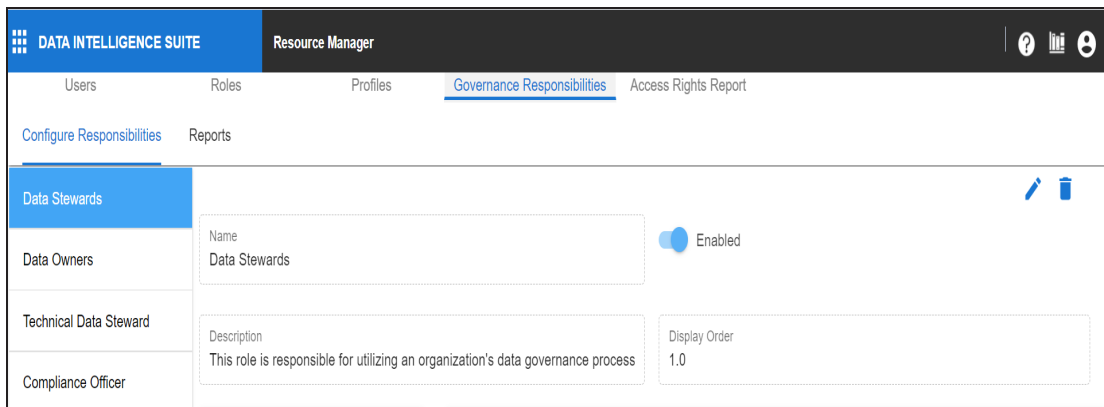
1. Go to **Application Menu > Data Catalog > Resource Manager**.

By default, the Users tab opens.



2. Click the **Governance Responsibilities** tab.

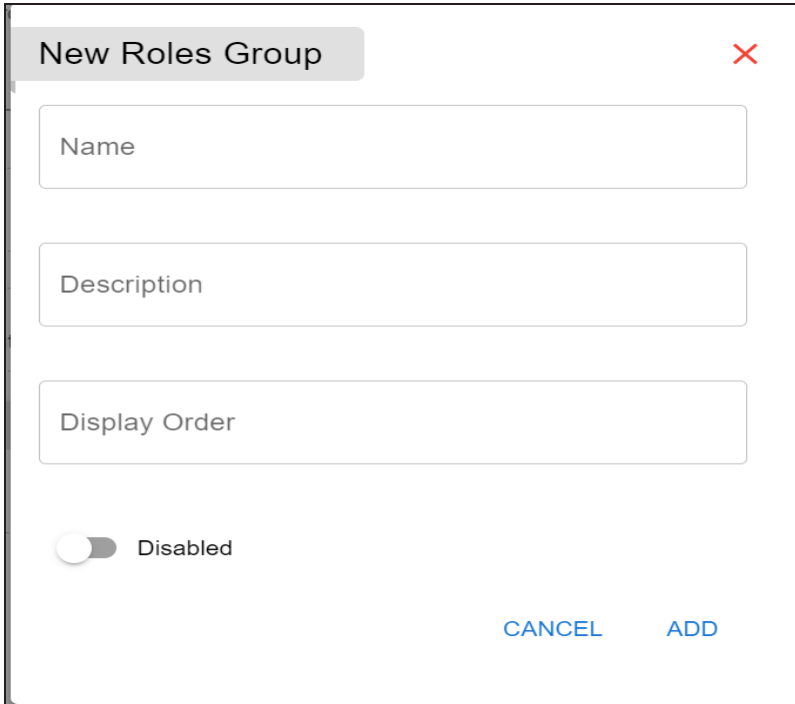
By default, the Configure Responsibilities tab opens.



3. Click **+**.

Creating Roles Group

The New Roles Group page appears.



The screenshot shows a modal window titled "New Roles Group" with a red close button in the top right corner. Inside the modal, there are three text input fields labeled "Name", "Description", and "Display Order". Below these fields is a toggle switch labeled "Disabled" which is currently turned off. At the bottom right of the modal are two buttons: "CANCEL" and "ADD".

4. Enter appropriate values in the fields. Fields marked with a red asterisk are mandatory. Refer to the following table for field descriptions.

Field Name	Description
Name	Specifies the name of the roles group. For example, Data Owner.
Description	Specifies the description of the roles group. For example: Roles in this group are accountable for who has access to information to assets in their functional areas.
Display Order	Specifies the order of the roles group in the roles group list. For example, 2.0.
Disabled or Enabled	Specifies whether the roles group is enabled.

5. Click **Add**.

The roles group is created and added to the roles group list.

Creating Roles Group

Once a roles group is created, you can assign roles and users to catalogs in the Business Glossary Manager and [assign governance responsibilities](#) for the business assets.

You can also manage roles groups and [view governance responsibilities reports](#).

[Managing roles group](#) involves:

- Editing roles group
- Deleting roles group

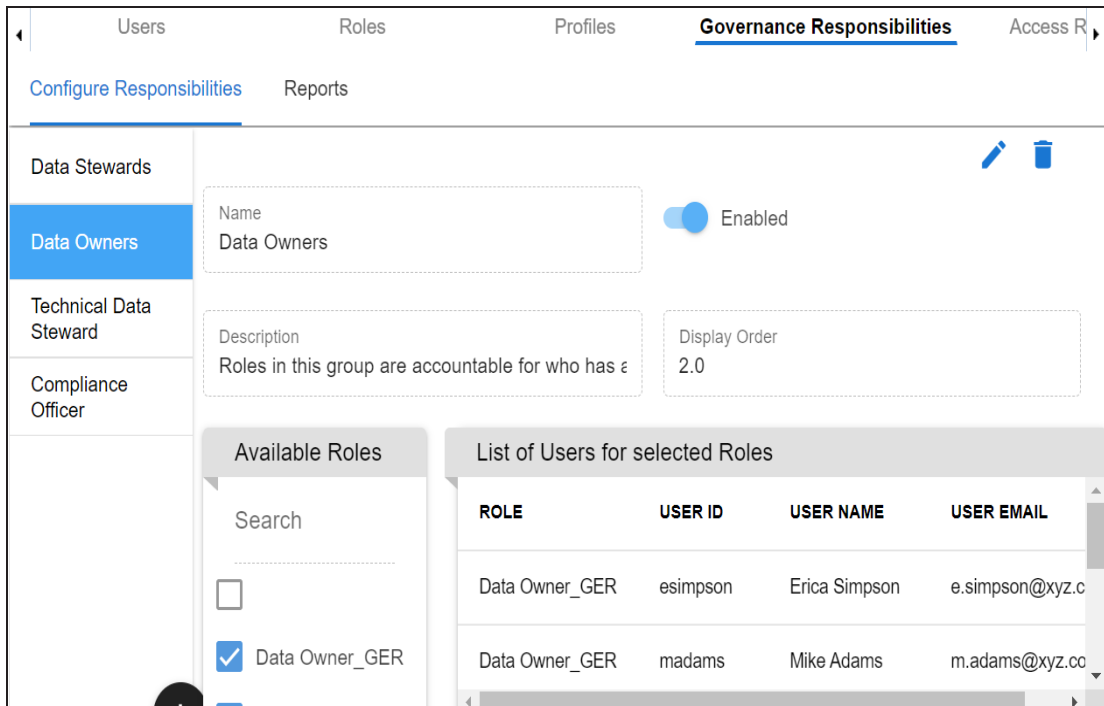
Managing Roles Group

Managing roles group involves:

- Editing roles group
- Deleting roles group

To manage roles group, follow these steps:

1. On the **Configure Responsibilities** tab, click a roles group.



2. Use the following options:

Edit (✎)

Use this option to update a roles group. You can update name, description, list of selected roles, and enable or disable the roles group.

Delete (🗑)

Use this option to delete a roles group that is no longer required.

Viewing Reports

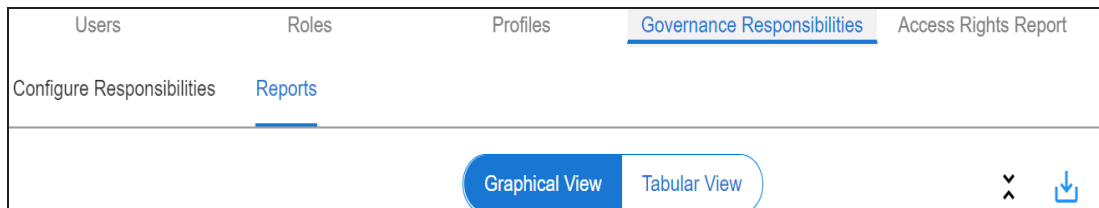
A successful data governance program demands an efficient grouping of roles based on the responsibilities. It is also important to assign appropriate users and roles to catalogs and then assign governance responsibilities to business assets. The governance responsibilities report helps you track assignment of these governance responsibilities to the business assets in the Business Glossary Manager.

To view reports, on the **Governance Responsibilities** tab, click the **Reports** tab.

Use the following two views to view reports:

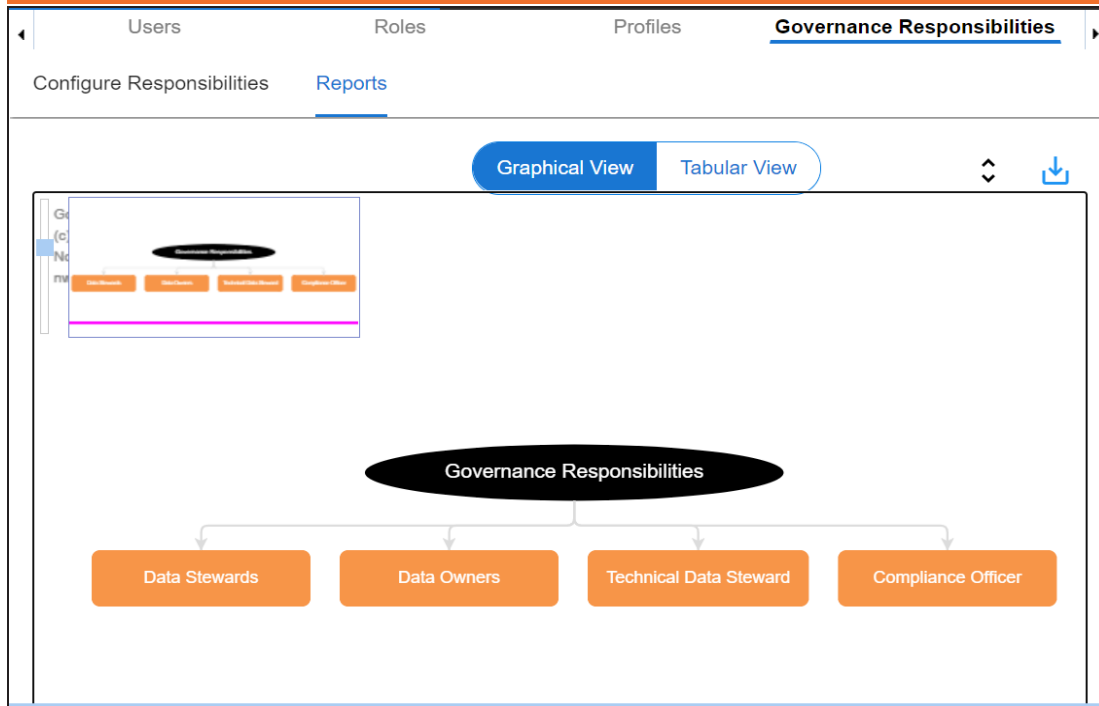
- **Graphical View:** The graphical view displays the governance responsibilities in a tree structure.
- **Tabular View:** The tabular view displays the governance responsibilities in a grid format.

By default, the graphical view opens.



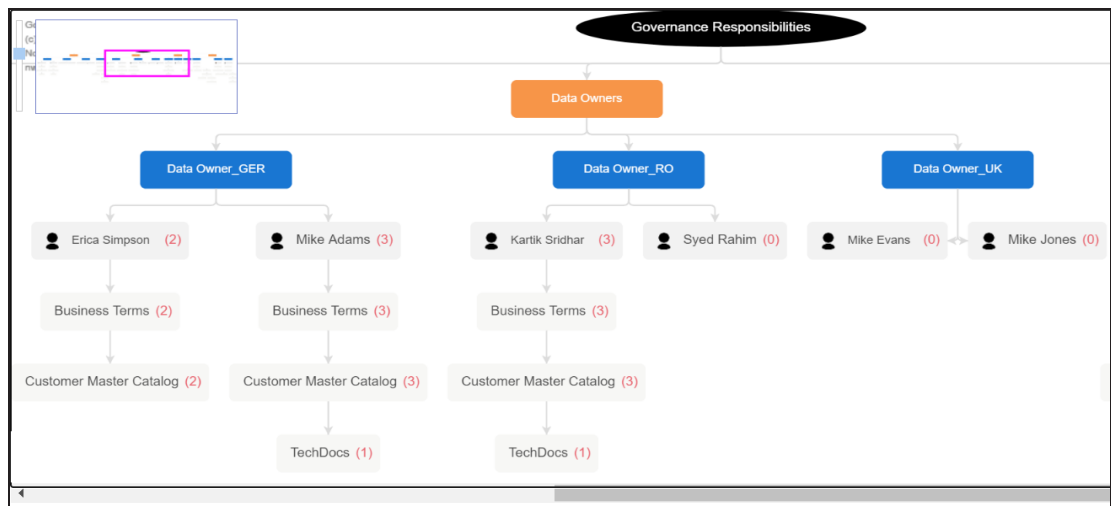
To view report details in the graphical view, use the following options:

Viewing Reports



Expand/Collapse (↕)

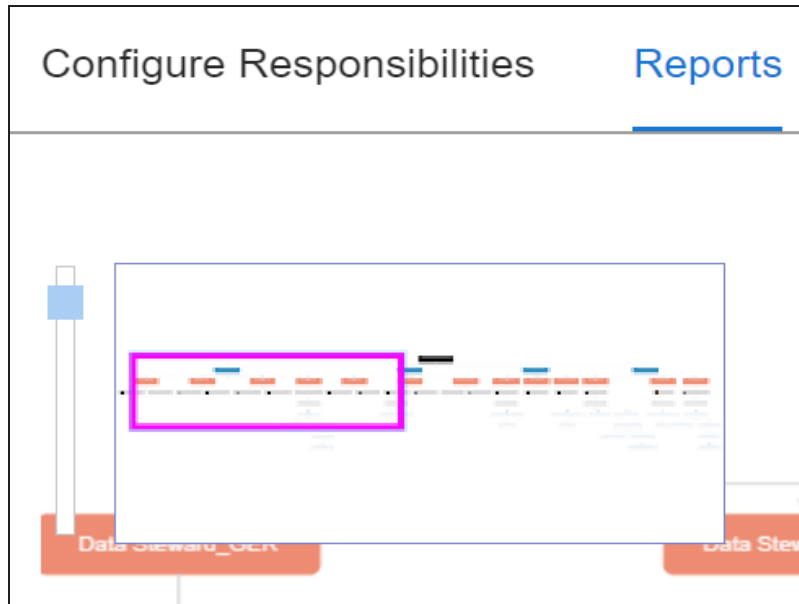
Use this option to switch between the expanded or collapsed view. For example, the report displays the governance responsibilities in the expanded view.



Pan View

Viewing Reports

Use this option to focus on a part of the governance responsibilities tree.



- **Export** (↓)

Use this option to download the report in the JPG format.

The Tabular View displays the governance responsibilities in a grid that includes, roles group, role, user details, asset name, asset type, and catalogs.

The screenshot shows a web interface titled 'Governance Responsibilities' with a 'Reports' tab. The 'Tabular View' is selected, displaying a table of governance responsibilities. The table has columns for Group Name, Role Name, User Id, User Name, User Email, Business Asset, Asset Type, and Catalog. The data is filtered by 'BUSINESS ASSETS'.

Group Name	Role Name	User Id	User Name	User Email	Business Asset	Asset Type	Catalog
Data Stewards	Data Steward_GER	mmanigan	Mike Mannigan	mmanigan@xyz.com	TestTaskList	Business Terms	Customer Master Catalog → TechD
Data Stewards	Data Steward_GER	mmenza	Mike Menza	mmenza@xyz.com	TestTaskList	Business Terms	Customer Master Catalog → TechD
Data Stewards	Data Steward_UK	rcooper	Richard Cooper	rcooper@xyz.com	Goods Supply	Business Terms	Monetary Terms → Microeconomics

To download the report in the XLSX format, click ↓.