
docslima Documentation

Release 2.0

lima

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DASHBOARD

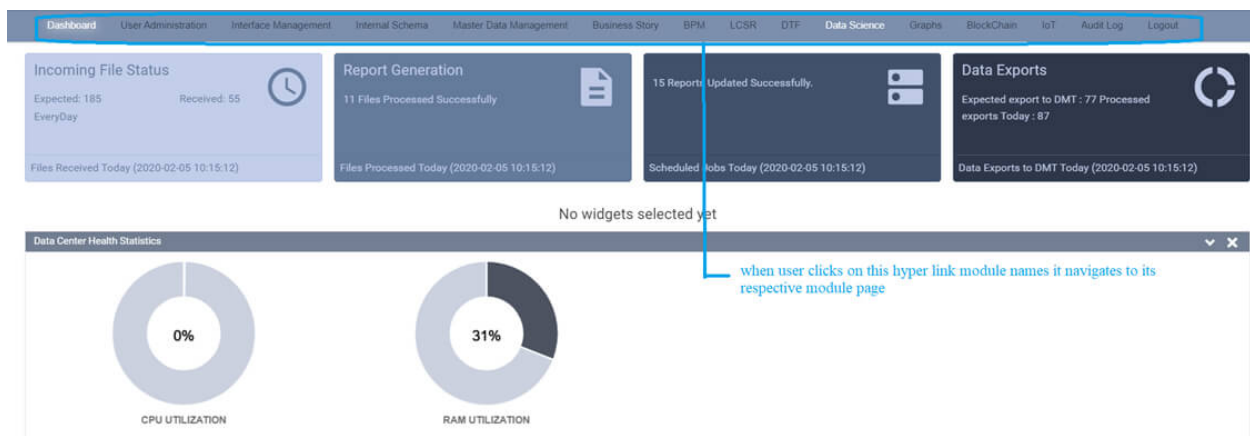
This is the Overview of dashboard

1.1 Introduction

A data **dashboard** is an information management tool that visually tracks, analyses and displays key performance indicators (KPI), metrics and key data points.

1.2 Dashboard

The Dashboard displays the information about incoming file status, report generation, data exports along with CPU and RAM utilization percentages. Dashboard contains all hyperlink module names where each module navigates to its respective pages.

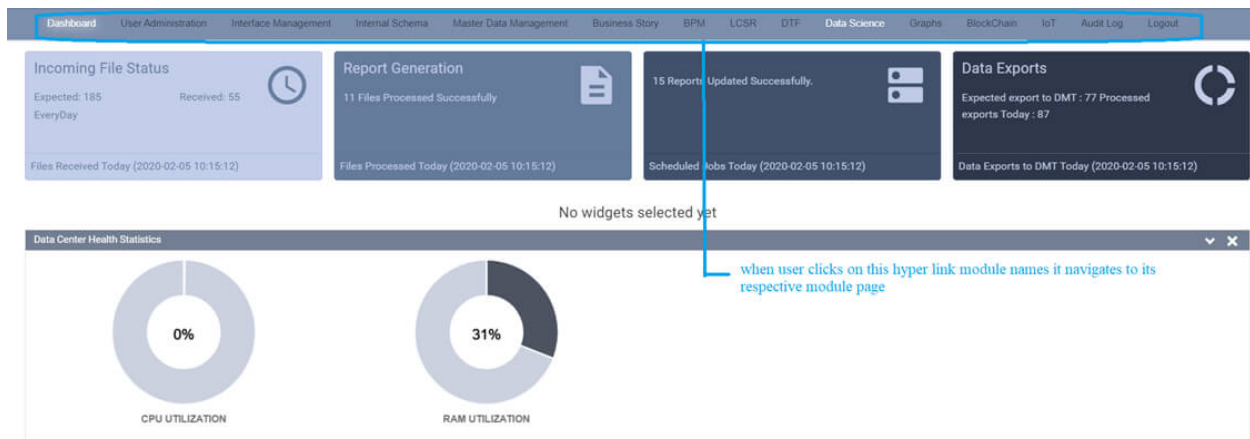


USER ADMINISTRATION

Creation of the Users, Roles and Permission access to the screen of LIMA. Permissions for Roles to access at table level and also to access Highly Confidential tables to users by generating key.

2.1 User Role Management

The Dashboard displays the information about incoming file status, report generation, data exports along with CPU and RAM utilization percentages. Dashboard contains all hyperlink module names where each module navigates to its respective pages.



2.1.1 Steps to create a user to access LIMA

2.1.1.1 Step 1

Once admin login, click on User Administration menu in top bar, which redirect to the User Administration page.

Create User Total Users: 64

User Id	First Name	Last Name	Email	Admin	Reported To
111	nit	tom	nit@gmail.com	false	nitendra.tomer@consulting.com
185	vel	kumar	velkumar.mosun@aline-consulting.com	true	krishna.mohan.s@consulting.com
195	varudhini	rao	varudhini.ruttala@aline-consulting.com	true	krishna.mohan.s@consulting.com
196	nitendra	tomer	nitendra.tomer@aline-consulting.com	true	krishna.mohan.s@consulting.com
1971_nit	nit71	tom71	nit71@gmail.com	false	nit@gmail.com
1992	nit	tom	nit92@gmail.com	false	nit@gmail.com
222	Nitendra	Tomar	nithendra19@gmail.com	false	nithendra19@gmail.com
222ABC	nit	tom	nit@gmail.com	false	nit@gmail.com
226	manish	kumar	manish.kumar@aline-consulting.com	false	krishna.mohan.s@consulting.com
333abc	Nitendra	Tomar	nithendra19@gmail.com	false	nitendra.tomer@
42@aline.com	Pravalika	Siri	42@aline.com	false	Mohan

Create Role Total Roles: 1

Role Id	Description	Is Active	Allow Compon...	Action
testrole1	test role	ACTIVE	DashboardLogout	✕

2.1.1.2 Step 2

Click on 'Create User' assign required fields where user id is unique and click on 'Save User Profile'

Create User Profile

[Browse](#)
Drop File Here.

[Update Photo](#)

User profile created successfully! [✕](#)

User Id	alreadmin
First Name	alre
Last Name	admin
Display Name	alreadmin
Email	alreadmin@aline.com
Password	*****
Confirm Password	*****
Phone Number	45678
Report To	Admin
Is Active	<input checked="" type="checkbox"/>
Org Id	Aline

User can search for the created user as below

Dashboard **User Administration** Interface Management Internal Schema Master Data Management IDE Business Story BPM LCSR

User Role Management Role Table Access Key Management

Create User Total Users 48

User Id	First Name	Last Name	Email	Role Id	Is Admin	Reported To	Is Active	Org Id	Created User	Modified Use...	Created Date	Modified Dat...	Action
alinead	Set	Set	Search										
alineadmin	aline	admin	alineadmin@aline.com		false	Admin	ACTIVE	Aline	pravalika	pravalika	2020-01-24 05:59:48	2020-01-24 05:59:48	✎

User can edit the created user fields by clicking on edit option

intel WELCOME TO LIMA-ENTERPRISE INTELLIGENCE HUB Admin

Dashboard User Administration Interface Management Internal Schema Master Data Management IDE Logistics DTF Data Science Graphs IoT Audit Log BPM Logout

Create User Total Users 64 Create Role Total Roles 1

User Id	First Name	Last Name	Email	Is Admin	Reported To	Role Id	Description	Is Active	Allow Compon...	Action
Search	Search	Search	Search			Search	Search			
111	nit	tom	nit@gmail.com	false	nitendra.tomer@consulting.com	testrole1	test role	ACTIVE	DashboardLogout	✎
185	vel	kumar	velkumar.mosun@aline-consulting.com	true	krishna.mohan.s@consulting.com					
195	varudhini	rao	varudhini.ruttala@aline-consulting.com	true	krishna.mohan.s@consulting.com					
196	nitendra	tomer	nitendra.tomer@aline-consulting.com	true	krishna.mohan.s@consulting.com					
1971_nit	nit71	tom71	nit71@gmail.com	false	nit@gmail.com					
1992	nit	tom	nit92@gmail.com	false	nit@gmail.com					
222	Nitendra	Tomar	nithendra19@gmail.com	false	nithendra19@gmail.com					
222ABC	nit	tom	nit@gmail.com	false	nit@gmail.com					
226	manish	kumar	manish.kumar@aline-consulting.com	false	krishna.mohan.s@consulting.com					
333abc	Nitendra	Tomar	nithendra19@gmail.com	false	nitendra.tomer@					
42@aline.com	Pravalika	Siri	42@aline.com	false	Mohan					

Change the fields as user requirement and click on 'Update User Profile'.

2.1.2 Steps to create role and assign screen permissions to the created role

2.1.2.1 Step 1

Once admin login, click on User Administration menu in top bar, which redirect to the User Administration page.

WELCOME TO LIMA-ENTERPRISE INTELLIGENCE HUB					
Dashboard User Administration Interface Management Internal Schema Master Data Management IDE Logistics DTF Data Science Graphs IoT Audit Log BPM Logout					
Create User					Total Users: 64
User Id	First Name	Last Name	Email	Is Admin	Reported To
111	nit	tom	nit@gmail.com	false	nitendra.tomer@consulting.com
185	vel	kumar	velkumar.mosuri@aline-consulting.com	true	krishna.mohan.s@consulting.com
195	varudhini	rao	varudhini.ruttala@aline-consulting.com	true	krishna.mohan.s@consulting.com
196	nitendra	tomer	nitendra.tomer@aline-consulting.com	true	krishna.mohan.s@consulting.com
1971_nit	nit71	tom71	nit71@gmail.com	false	nit@gmail.com
1992	nit	tom	nit92@gmail.com	false	nit@gmail.com
222	Nitendra	Tomar	nithendra19@gmail.com	false	nithendra19@gmail.com
222ABC	nit	tom	nit@gmail.com	false	nit@gmail.com
226	manish	kumar	manish.kumar@aline-consulting.com	false	krishna.mohan.s@consulting.com
333abc	Nitendra	Tomar	nithendra19@gmail.com	false	nitendra.tomer@gmail.com
42@aline.com	Pravalika	Stri	42@aline.com	false	Mohan

WELCOME TO LIMA-ENTERPRISE INTELLIGENCE HUB				
Dashboard User Administration Interface Management Internal Schema Master Data Management IDE Logistics DTF Data Science Graphs IoT Audit Log BPM Logout				
Create Role				
Total Roles: 1				
Role Id	Description	Is Active	Allow Compon...	Action
testrole1	test role	ACTIVE	DashboardLogout	✕

2.1.2.2 Step 2

Use Create Role button to create new role and for assigning screen permissions.

Role Id

aline_scia_admin

Description

Admin permissions

Is Active

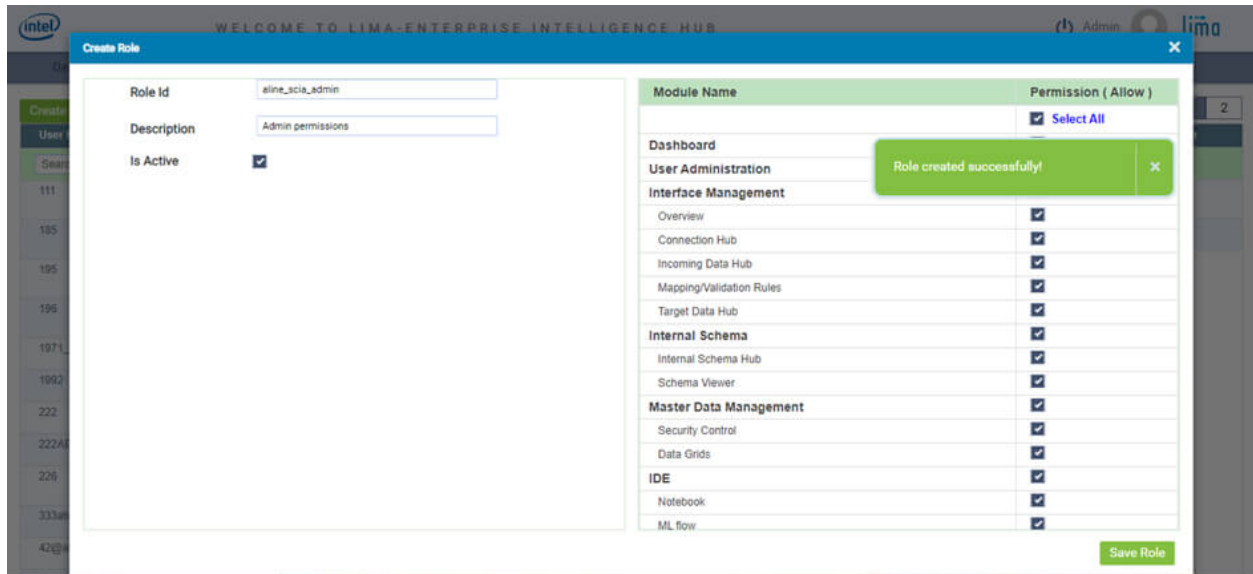
☒

Module Name	Permission (Allow)
Dashboard	<input checked="" type="checkbox"/> Select All
User Administration	<input checked="" type="checkbox"/>
Interface Management	<input checked="" type="checkbox"/>
Overview	<input checked="" type="checkbox"/>
Connection Hub	<input checked="" type="checkbox"/>
Incoming Data Hub	<input checked="" type="checkbox"/>
Mapping/Validation Rules	<input checked="" type="checkbox"/>
Target Data Hub	<input checked="" type="checkbox"/>
Internal Schema	<input checked="" type="checkbox"/>
Internal Schema Hub	<input checked="" type="checkbox"/>
Schema Viewer	<input checked="" type="checkbox"/>
Master Data Management	<input checked="" type="checkbox"/>
Security Control	<input checked="" type="checkbox"/>
Data Grids	<input checked="" type="checkbox"/>
IDE	<input checked="" type="checkbox"/>
Notebook	<input checked="" type="checkbox"/>
ML flow	<input checked="" type="checkbox"/>

Save Role

2.1.2.3 Step 3

To create new role, enter the Role Id, Description and Is Active fields. Also, in the same popup give the screen permissions to be allowed for this role. Use Select All option if the role need to have permissions to all screens. Dashboard and Logout screens are mandatory to choose. Up on entering all the fields, click on Save Role button to create and save role permissions.



After click on Save Role, we will get a confirmation notification “Role created successfully!”.

WELCOME TO LIMA-ENTERPRISE INTELLIGENCE HUB										
Create User					Create Role					
User Id	First Name	Last Name	Email	Is Admin	Reported To	Role Id	Description	Is Active	Allow Compon...	Action
111	nit	tom	nit@gmail.com	false	nitendra.tomer@consulting.com	alinea_scia_admin	Admin permissions	ACTIVE	DashboardUser Administration...	<input checked="" type="checkbox"/>
185	vel	kumar	velkumar.mosuri@aline-consulting.com	true	krishna.mohan.s@consulting.com	testrole1	alinea_scia_admin	ACTIVE	DashboardLogout	<input checked="" type="checkbox"/>
195	varudhini	rao	varudhini.ruttala@aline-consulting.com	true	krishna.mohan.s@consulting.com					
196	nitendra	tomar	nitendra.tomer@aline-consulting.com	true	krishna.mohan.s@consulting.com					
1971_nit	nit71	tom71	nit71@gmail.com	false	nit@gmail.com					
1992	nit	tom	nit92@gmail.com	false	nit@gmail.com					
222	Nitendra	Tomar	nitendra19@gmail.com	false	nitendra19@gr					
222ABC	nit	tom	nit@gmail.com	false	nit@gmail.com					
226	manish	kumar	manish.kumar@aline-consulting.com	false	krishna.mohan.s@consulting.com					
333abc	Nitendra	Tomar	nitendra19@gmail.com	false	nitendra.tomer@					
42@aline.com	Pravalika	Siri	42@aline.com	false	Mohan					

We can see the created roles in the table, as shown in above screen shot.

2.1.2.4 Step 4

Use the below format to login in to system, as like below screenshot **domain/csl**



2.2 Role Table Access

2.2.1 Steps to assign table access permissions to a role group

2.2.1.1 Step 1

Once admin login, click on User Administration menu in top bar, which redirect to the User Administration page.

User Id	First Name	Last Name	Email	Admin	Reported To
111	nit	tom	nit@gmail.com	false	nitendra.tomer@consulting.com
185	vel	kumar	velkumar.mosuni@aline-consulting.com	true	krishna.mohan.s@consulting.com
195	varudhini	rao	varudhini.ruttala@aline-consulting.com	true	krishna.mohan.s@consulting.com
196	nitendra	tomar	nitendra.tomer@aline-consulting.com	true	krishna.mohan.s@consulting.com
1971_nit	nit71	tom71	nit71@gmail.com	false	nit@gmail.com
1992	nit	tom	nit92@gmail.com	false	nit@gmail.com
222	Nitendra	Tomar	nithendra19@gmail.com	false	nithendra19@gmail.com
222ABC	nit	tom	nit@gmail.com	false	nit@gmail.com
226	manish	kumar	manish.kumar@aline-consulting.com	false	krishna.mohan.s@consulting.com
333abc	Nitendra	Tomar	nithendra19@gmail.com	false	nitendra.tomer@consulting.com
42@aline.com	Pravalika	Siri	42@aline.com	false	Mohan

Role Id	Description	Is Active	Allow Compon...	Action
testrole1	test role	ACTIVE	Dashboard,Logout	<input checked="" type="checkbox"/>

2.2.1.2 Step 2

Click on “Role Table Access” under User Administration where a user can view list of table types from LIMA.

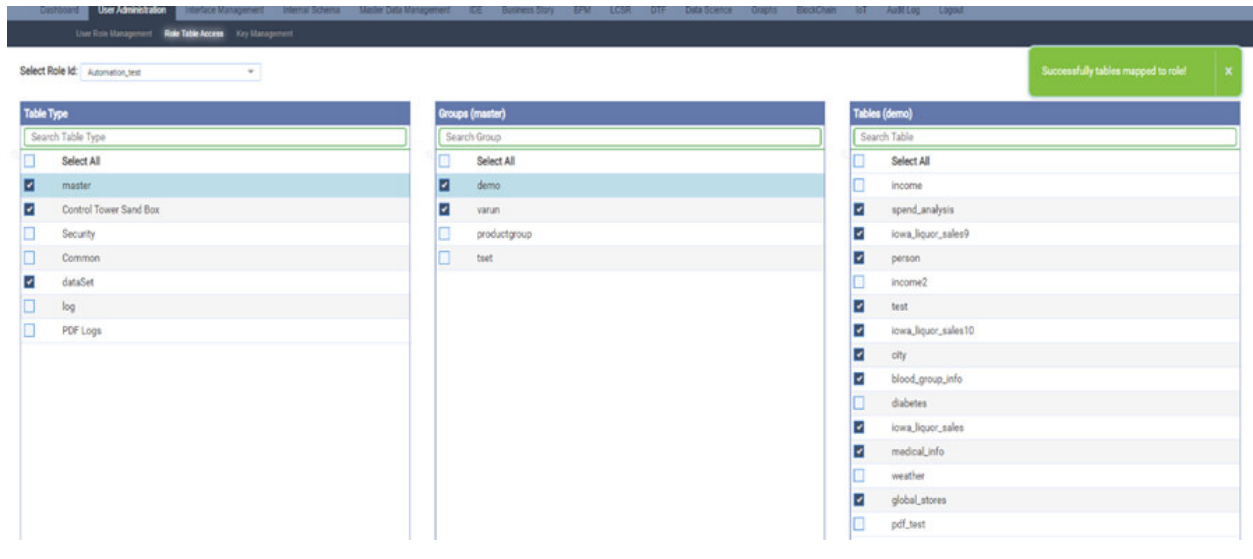
The screenshot shows the 'Role Table Access' interface. At the top, there is a navigation bar with 'User Administration' selected. Below it, a sub-navigation bar shows 'Role Table Access' as the active tab. A dropdown menu for 'Select Role Id:' is set to 'SuperRole'. Below this, there are three main panels: 'Table Type', 'Groups', and 'Tables'. The 'Table Type' panel has a search bar and a list of table types with checkboxes: 'Select All', 'master', 'Control Tower Sand Box', 'Security', 'Common', 'dataSet', 'log', and 'PDF Logs'. The 'Groups' panel has a search bar and a message 'Please Select Table Type'. The 'Tables' panel has a search bar and a message 'Please Select Group Name'.

2.2.1.3 Step 3

Select a role id from dropdown and select the table type. List of groups under the table type will be displayed. Select Group name, list of tables under the selected group and table type will be displayed. Select the tables. This process of table access can be provided from multiple table types, Groups and Tables.

The screenshot shows the 'Role Table Access' interface after several selections. The 'Select Role Id:' dropdown is now set to 'Automation_test'. In the 'Table Type' panel, the following items are selected with checkboxes: 'master', 'Control Tower Sand Box', 'dataSet', and 'log'. In the 'Groups' panel, the dropdown is set to 'master' and 'demo' is selected. In the 'Tables' panel, the dropdown is set to 'demo' and the following tables are selected: 'income', 'spend_analysis', 'kova_liquor_sales9', 'person', 'income2', 'test', 'kova_liquor_sales10', 'city', 'blood_group_info', 'diabetes', 'kova_liquor_sales', 'medical_info', 'weather', 'global_stores', and 'pdf_test'.

After the selection click on save. Hence a user with this role id can access the assigned tables.



2.2.2 User Role Management

2.2.2.1 User Role Management (GIF)

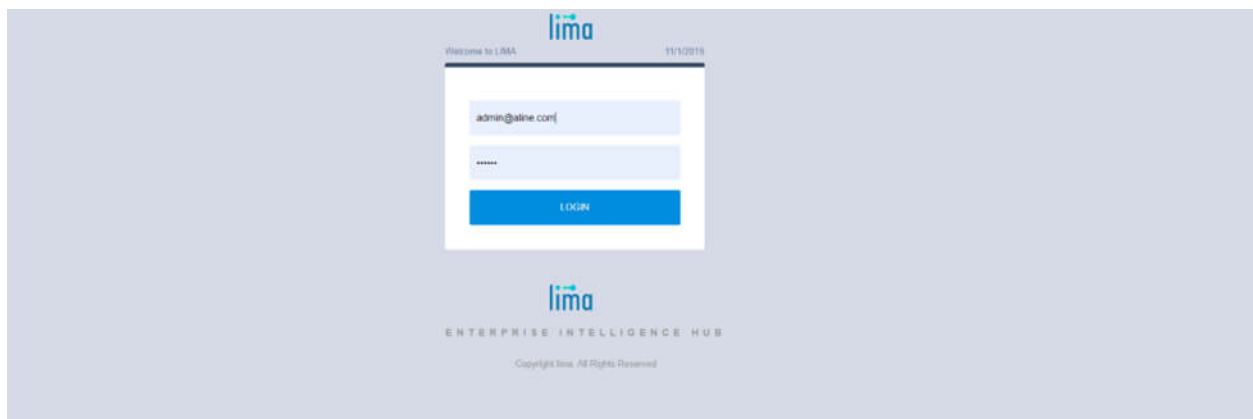
2.3 Key Management

To Enable Security in Lima Using Key Management. LIMA achieves security of tables metadata by using Key Management. Here Super User can secure the table metadata to the normal user by generating a key. Steps to assign user group and/or role to a user in LIMA.

2.3.1 To enable RSA Security in Lima

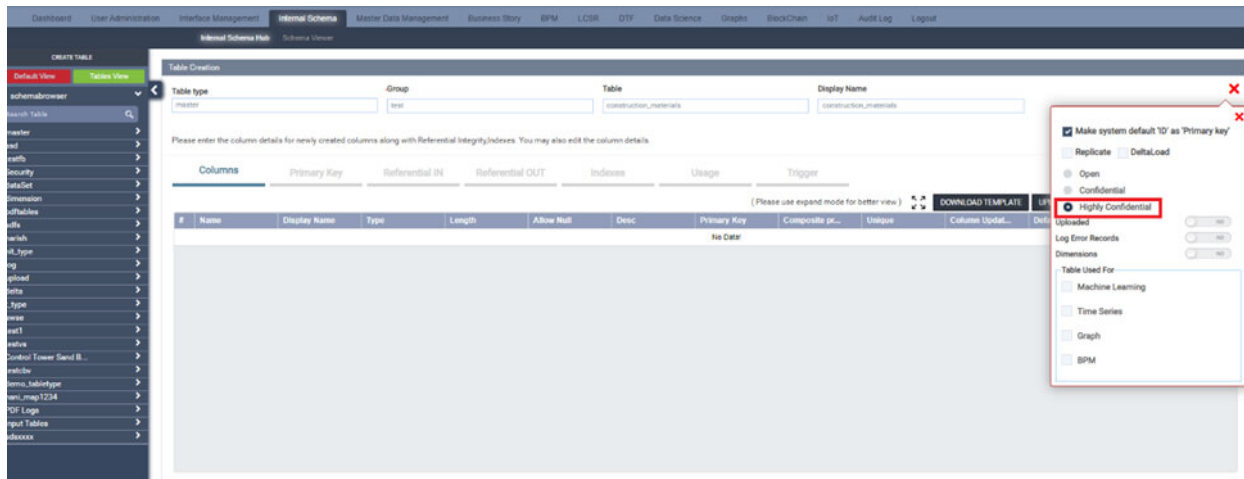
2.3.1.1 Step 1

Login as Super admin who has all the access of modules, tables and metadata in LIMA

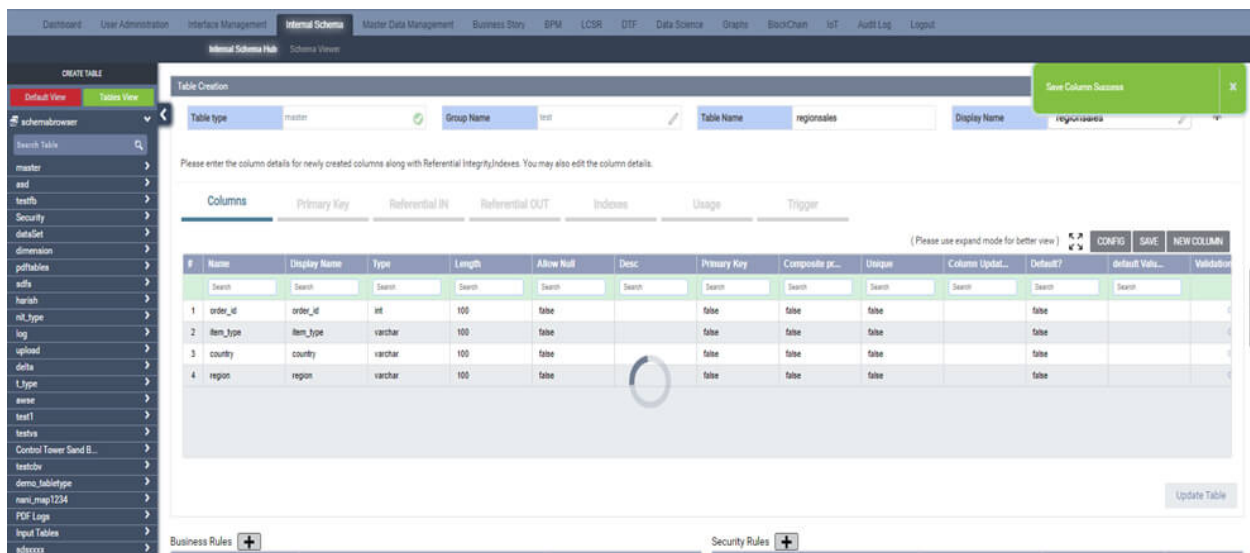


2.3.1.2 Step 2

Navigate to Internal Schema. Create a table, columns in a table and click on create table with “Highly Confidential” check

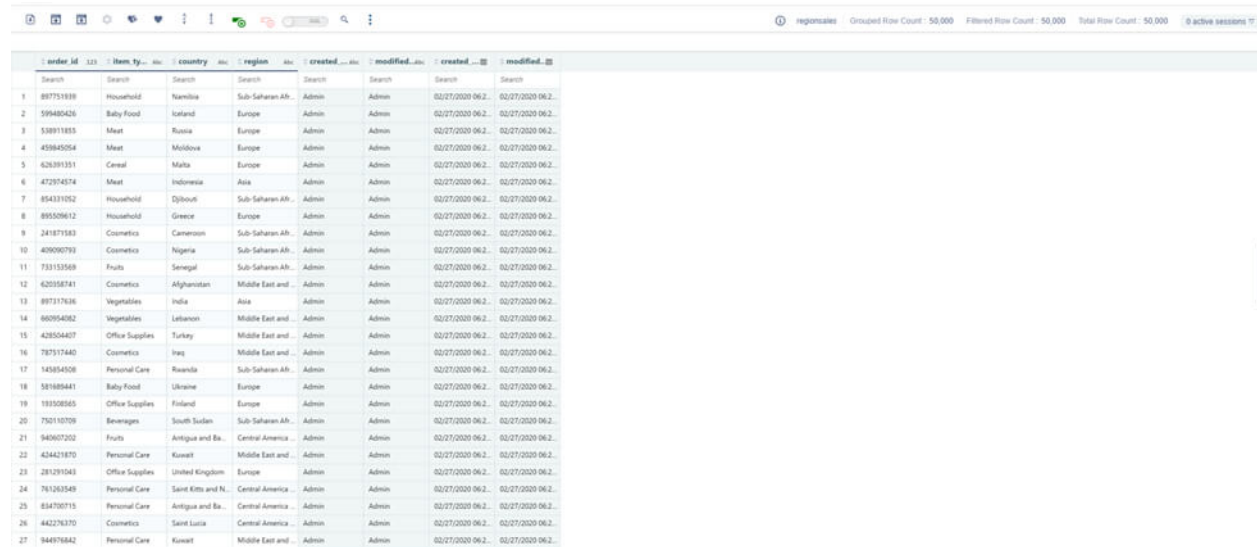


Creation of a table with columns will be successfully created.



2.3.1.3 Step 3

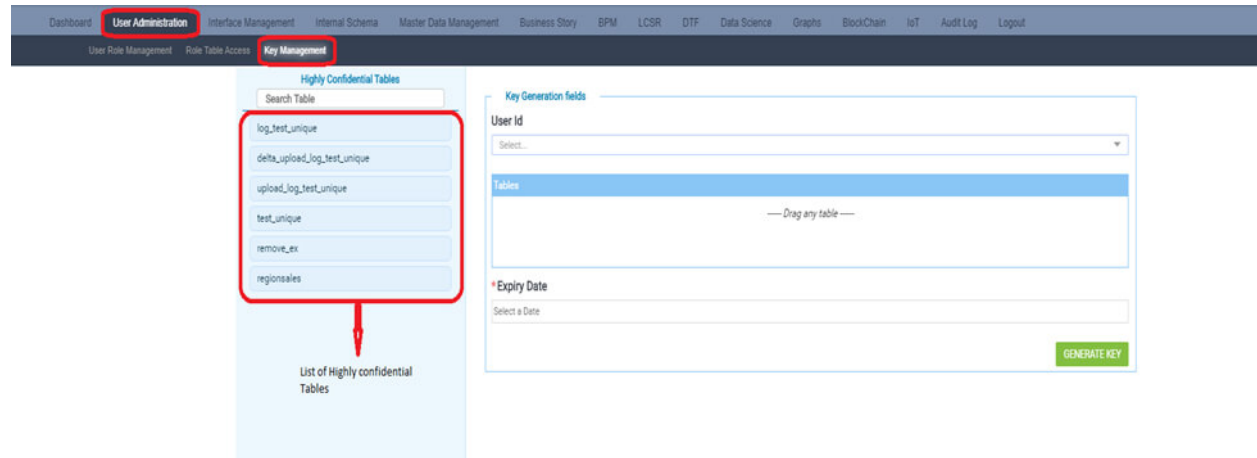
Import data using Data load/ Workflow/ import in data grids and data gets populated in highly confidential table created by super user.



order_id	item_type	country	region	created	modified	created	modified
1	Household	Norfolk	Sub-Saharan Afr.	Admin	Admin	02/27/2020 06:2	02/27/2020 06:2
2	Baby Food	Iceland	Europe	Admin	Admin	02/27/2020 06:2	02/27/2020 06:2
3	Meat	Russia	Europe	Admin	Admin	02/27/2020 06:2	02/27/2020 06:2
4	Meat	Moldova	Europe	Admin	Admin	02/27/2020 06:2	02/27/2020 06:2
5	Cereal	Malta	Europe	Admin	Admin	02/27/2020 06:2	02/27/2020 06:2
6	Meat	Indonesia	Asia	Admin	Admin	02/27/2020 06:2	02/27/2020 06:2
7	Household	Djibouti	Sub-Saharan Afr.	Admin	Admin	02/27/2020 06:2	02/27/2020 06:2
8	Household	Greece	Europe	Admin	Admin	02/27/2020 06:2	02/27/2020 06:2
9	Cosmetics	Cameroon	Sub-Saharan Afr.	Admin	Admin	02/27/2020 06:2	02/27/2020 06:2
10	Cosmetics	Nigeria	Sub-Saharan Afr.	Admin	Admin	02/27/2020 06:2	02/27/2020 06:2
11	Fruits	Senegal	Sub-Saharan Afr.	Admin	Admin	02/27/2020 06:2	02/27/2020 06:2
12	Cosmetics	Afghanistan	Middle East and	Admin	Admin	02/27/2020 06:2	02/27/2020 06:2
13	Vegetables	India	Asia	Admin	Admin	02/27/2020 06:2	02/27/2020 06:2
14	Vegetables	Lebanon	Middle East and	Admin	Admin	02/27/2020 06:2	02/27/2020 06:2
15	Office Supplies	Turkey	Middle East and	Admin	Admin	02/27/2020 06:2	02/27/2020 06:2
16	Cosmetics	Iraq	Middle East and	Admin	Admin	02/27/2020 06:2	02/27/2020 06:2
17	Personal Care	Rwanda	Sub-Saharan Afr.	Admin	Admin	02/27/2020 06:2	02/27/2020 06:2
18	Baby Food	Ukraine	Europe	Admin	Admin	02/27/2020 06:2	02/27/2020 06:2
19	Office Supplies	Finland	Europe	Admin	Admin	02/27/2020 06:2	02/27/2020 06:2
20	Beverages	South Sudan	Sub-Saharan Afr.	Admin	Admin	02/27/2020 06:2	02/27/2020 06:2
21	Fruits	Antigua and Ba.	Central America	Admin	Admin	02/27/2020 06:2	02/27/2020 06:2
22	Personal Care	Kuwait	Middle East and	Admin	Admin	02/27/2020 06:2	02/27/2020 06:2
23	Office Supplies	United Kingdom	Europe	Admin	Admin	02/27/2020 06:2	02/27/2020 06:2
24	Personal Care	Saint Kitts and N.	Central America	Admin	Admin	02/27/2020 06:2	02/27/2020 06:2
25	Personal Care	Antigua and Ba.	Central America	Admin	Admin	02/27/2020 06:2	02/27/2020 06:2
26	Cosmetics	Saint Lucia	Central America	Admin	Admin	02/27/2020 06:2	02/27/2020 06:2
27	Personal Care	Kuwait	Middle East and	Admin	Admin	02/27/2020 06:2	02/27/2020 06:2

2.3.1.4 Step 4

Navigate to User Administration then Key Management. Here in this screen Super User can view all the list of highly confidential tables as shown below.



Dashboard
User Administration
Interface Management
Internal Schema
Master Data Management
Business Story
BPM
LCSP
DTF
Data Science
Graphs
Blockchain
IoT
Audit Log
Logout

User Role Management
Role Table Access
Key Management

Search Table

log_test_unique
delta_upload_log_test_unique
upload_log_test_unique
test_unique
remove_ex
regionales

List of Highly confidential Tables

Key Generation fields

User Id

Select...

Tables

— Drag any table —

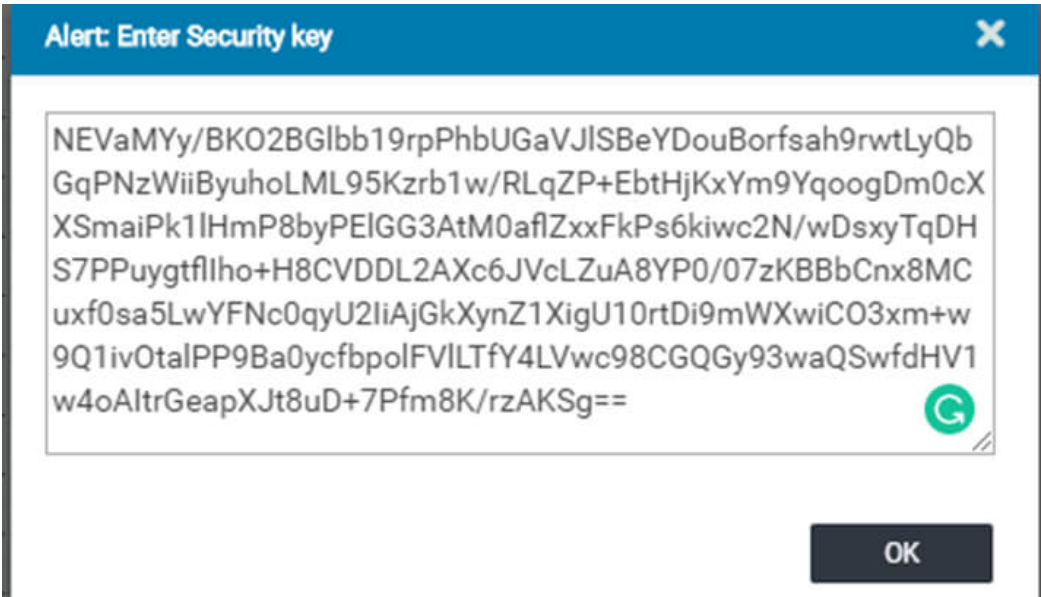
* Expiry Date

Select a Date

GENERATE KEY

2.3.1.7 Step 7

Normal user can view an alert pop-up to enter the generated key in Data Grids.



Click on OK. Now normal user can view the data for the key generated tables.

order_id	item_type	country	region	created	modified	created	modified
1	Household	Namibia	Sub-Saharan Afr.	Admin	Admin	02/21/2020 06:2	02/21/2020 06:2
2	Baby Food	Iceland	Europe	Admin	Admin	02/21/2020 06:2	02/21/2020 06:2
3	Meat	Russia	Europe	Admin	Admin	02/21/2020 06:2	02/21/2020 06:2
4	Meat	Moldova	Europe	Admin	Admin	02/21/2020 06:2	02/21/2020 06:2
5	Cereal	Malta	Europe	Admin	Admin	02/21/2020 06:2	02/21/2020 06:2
6	Meat	Indonesia	Asia	Admin	Admin	02/21/2020 06:2	02/21/2020 06:2
7	Household	Djibouti	Sub-Saharan Afr.	Admin	Admin	02/21/2020 06:2	02/21/2020 06:2
8	Household	Greece	Europe	Admin	Admin	02/21/2020 06:2	02/21/2020 06:2
9	Cosmetics	Cameroon	Sub-Saharan Afr.	Admin	Admin	02/21/2020 06:2	02/21/2020 06:2
10	Cosmetics	Nigeria	Sub-Saharan Afr.	Admin	Admin	02/21/2020 06:2	02/21/2020 06:2
11	Fruits	Senegal	Sub-Saharan Afr.	Admin	Admin	02/21/2020 06:2	02/21/2020 06:2
12	Cosmetics	Afghanistan	Middle East and ...	Admin	Admin	02/21/2020 06:2	02/21/2020 06:2
13	Vegetables	India	Asia	Admin	Admin	02/21/2020 06:2	02/21/2020 06:2
14	Vegetables	Lebanon	Middle East and ...	Admin	Admin	02/21/2020 06:2	02/21/2020 06:2
15	Office Supplies	Turkey	Middle East and ...	Admin	Admin	02/21/2020 06:2	02/21/2020 06:2
16	Cosmetics	Iraq	Middle East and ...	Admin	Admin	02/21/2020 06:2	02/21/2020 06:2
17	Personal Care	Rwanda	Sub-Saharan Afr.	Admin	Admin	02/21/2020 06:2	02/21/2020 06:2
18	Baby Food	Ukraine	Europe	Admin	Admin	02/21/2020 06:2	02/21/2020 06:2
19	Office Supplies	Finland	Europe	Admin	Admin	02/21/2020 06:2	02/21/2020 06:2
20	Beverages	South Sudan	Sub-Saharan Afr.	Admin	Admin	02/21/2020 06:2	02/21/2020 06:2
21	Fruits	Antigua and Ba.	Central America	Admin	Admin	02/21/2020 06:2	02/21/2020 06:2
22	Personal Care	Kuwait	Middle East and ...	Admin	Admin	02/21/2020 06:2	02/21/2020 06:2
23	Office Supplies	United Kingdom	Europe	Admin	Admin	02/21/2020 06:2	02/21/2020 06:2
24	Personal Care	Saint Kitts and N.	Central America	Admin	Admin	02/21/2020 06:2	02/21/2020 06:2
25	Personal Care	Antigua and Ba.	Central America	Admin	Admin	02/21/2020 06:2	02/21/2020 06:2