# **QeuBox Low Level Design Document**

## **Screen Name: Metric**

### **Database Table Name: metric**

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| metric\_id | integer | metric\_pkey (PRIMARY KEY), |
| metric\_name | character varying | null |
| metric\_type | character varying | null |
| description | text | null |
| collection\_frequency | character varying | null |
| is\_active | boolean | null |
| audit\_trail\_id | bigint - (Numeric Precision: 64) | null |

### **Screen Input Details:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Control Name | Control Type | Data Type | Mandatory | Data Source |
| Metric Id | hidden | number | true | Manual Entry |
| Metric Name | textbox | string | true | Manual Entry |
| Metric Type | textbox | string | true | Manual Entry |
| Description | textbox | string | false | Manual Entry |
| Collection Frequency | textbox | string | true | Manual Entry |
| Is Active | checkbox | boolean | false | Manual Entry |
| Audit Trail Id | hidden | number | true | Manual Entry |

### **Screen API Details:**

|  |  |  |
| --- | --- | --- |
| API Name | Method | API URI |
| get\_metrics | get | /api/v1/get\_metrics |
| create\_metric | post | /api/v1/create\_metric |
| update\_metric | put | /api/v1/update\_metric |
| delete\_metric | delete | /api/v1/delete\_metric |

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|  |  |  |  |
| --- | --- | --- | --- |
| API Name | Request Payload | Response Payload | Request Headers |
| get\_metrics | {} | {"data":{"audit\_trail\_id":"bigint","metric\_id":"integer","is\_active":"boolean","metric\_name":"character varying","collection\_frequency":"character varying","metric\_type":"character varying","description":"text"}} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| create\_metric | {"data":{"audit\_trail\_id":"bigint","metric\_id":"integer","is\_active":"boolean","metric\_name":"character varying","collection\_frequency":"character varying","metric\_type":"character varying","description":"text"}} | {"message":"Record created","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| update\_metric | {"data":{"audit\_trail\_id":"bigint","metric\_id":"integer","is\_active":"boolean","metric\_name":"character varying","collection\_frequency":"character varying","metric\_type":"character varying","description":"text"}} | {"message":"Record updated","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| delete\_metric | {"id":"integer"} | {"message":"Record deleted","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |

### **Database Script Details:**

|  |  |
| --- | --- |
| Script Name | Database Script |
| get\_metric\_by\_id | SELECT t.metric\_id, t.metric\_name, t.metric\_type, t.description, t.collection\_frequency, t.is\_active, t.audit\_trail\_id FROM authn.metric t WHERE t.metric\_id = quote\_nullable(i\_metric\_id); |
| get\_all\_metrics | SELECT t.metric\_id, t.metric\_name, t.metric\_type, t.description, t.collection\_frequency, t.is\_active, t.audit\_trail\_id FROM authn.metric t ; |
| delete\_metric\_by\_id | DELETE FROM authn.metric WHERE metric\_id = quote\_nullable(i\_metric\_id); |
| update\_metric | UPDATE authn.metric SET metric\_id = quote\_nullable(i\_metric\_id), metric\_name = quote\_nullable(i\_metric\_name), metric\_type = quote\_nullable(i\_metric\_type), description = quote\_nullable(i\_description), collection\_frequency = quote\_nullable(i\_collection\_frequency), is\_active = quote\_nullable(i\_is\_active), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id) WHERE metric\_id = quote\_nullable(i\_metric\_id); |
| unique\_metric\_exists | SELECT 1 FROM authn.metric WHERE <unique\_conditions> LIMIT 1; |
| create\_metric | INSERT INTO authn.metric (t.metric\_id, t.metric\_name, t.metric\_type, t.description, t.collection\_frequency, t.is\_active, t.audit\_trail\_id) VALUES (i\_metric\_id, i\_metric\_name, i\_metric\_type, i\_description, i\_collection\_frequency, i\_is\_active, i\_audit\_trail\_id); |
| custom\_update\_metric | UPDATE authn.metric SET metric\_id = quote\_nullable(i\_metric\_id), metric\_name = quote\_nullable(i\_metric\_name), metric\_type = quote\_nullable(i\_metric\_type), description = quote\_nullable(i\_description), collection\_frequency = quote\_nullable(i\_collection\_frequency), is\_active = quote\_nullable(i\_is\_active), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id) WHERE <custom\_conditions>; |
| custom\_delete\_metric\_by\_id | DELETE FROM authn.metric WHERE <custom\_conditions>; |
| custom\_search\_metric\_by\_id | SELECT t.metric\_id, t.metric\_name, t.metric\_type, t.description, t.collection\_frequency, t.is\_active, t.audit\_trail\_id FROM authn.metric t WHERE <custom\_search\_conditions>; |

### **Security Details:**

|  |  |
| --- | --- |
| Security Area | Details |
| Authorization | Roles : [Admin] , [Super Admin] , [System Admin] |
| Authentication | Bearer Token received upon succesful login passed as Request Header parameter in each API. |

## **Screen Name: Policy**

### **Database Table Name: policy**

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| policy\_id | smallint - (Numeric Precision: 16) | policy\_pkey (PRIMARY KEY), |
| policy\_name | character varying | null |
| policy\_type | character varying | null |
| description | text | null |
| created\_at | timestamp without time zone | null |
| updated\_at | timestamp without time zone | null |
| is\_active | boolean | null |
| audit\_trail\_id | bigint - (Numeric Precision: 64) | null |

### **Screen Input Details:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Control Name | Control Type | Data Type | Mandatory | Data Source |
| Policy Id | hidden | number | true | Manual Entry |
| Policy Name | textbox | string | true | Manual Entry |
| Policy Type | textbox | string | true | Manual Entry |
| Description | textbox | string | true | Manual Entry |
| Created At | textbox | string | false | Manual Entry |
| Updated At | textbox | string | false | Manual Entry |
| Is Active | checkbox | boolean | false | Manual Entry |
| Audit Trail Id | hidden | number | true | Manual Entry |

### **Screen API Details:**

|  |  |  |
| --- | --- | --- |
| API Name | Method | API URI |
| get\_policys | get | /api/v1/get\_policys |
| create\_policy | post | /api/v1/create\_policy |
| update\_policy | put | /api/v1/update\_policy |
| delete\_policy | delete | /api/v1/delete\_policy |

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|  |  |  |  |
| --- | --- | --- | --- |
| API Name | Request Payload | Response Payload | Request Headers |
| get\_policys | {} | {"data":{"audit\_trail\_id":"bigint","policy\_type":"character varying","is\_active":"boolean","policy\_id":"smallint","updated\_at":"timestamp without time zone","created\_at":"timestamp without time zone","description":"text","policy\_name":"character varying"}} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| create\_policy | {"data":{"audit\_trail\_id":"bigint","policy\_type":"character varying","is\_active":"boolean","policy\_id":"smallint","updated\_at":"timestamp without time zone","created\_at":"timestamp without time zone","description":"text","policy\_name":"character varying"}} | {"message":"Record created","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| update\_policy | {"data":{"audit\_trail\_id":"bigint","policy\_type":"character varying","is\_active":"boolean","policy\_id":"smallint","updated\_at":"timestamp without time zone","created\_at":"timestamp without time zone","description":"text","policy\_name":"character varying"}} | {"message":"Record updated","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| delete\_policy | {"id":"integer"} | {"message":"Record deleted","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |

### **Database Script Details:**

|  |  |
| --- | --- |
| Script Name | Database Script |
| get\_policy\_by\_id | SELECT t.policy\_id, t.policy\_name, t.policy\_type, t.description, t.created\_at, t.updated\_at, t.is\_active, t.audit\_trail\_id FROM authn.policy t WHERE t.policy\_id = quote\_nullable(i\_policy\_id); |
| update\_policy | UPDATE authn.policy SET policy\_id = quote\_nullable(i\_policy\_id), policy\_name = quote\_nullable(i\_policy\_name), policy\_type = quote\_nullable(i\_policy\_type), description = quote\_nullable(i\_description), created\_at = quote\_nullable(i\_created\_at), updated\_at = quote\_nullable(i\_updated\_at), is\_active = quote\_nullable(i\_is\_active), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id) WHERE policy\_id = quote\_nullable(i\_policy\_id); |
| custom\_update\_policy | UPDATE authn.policy SET policy\_id = quote\_nullable(i\_policy\_id), policy\_name = quote\_nullable(i\_policy\_name), policy\_type = quote\_nullable(i\_policy\_type), description = quote\_nullable(i\_description), created\_at = quote\_nullable(i\_created\_at), updated\_at = quote\_nullable(i\_updated\_at), is\_active = quote\_nullable(i\_is\_active), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id) WHERE <custom\_conditions>; |
| get\_all\_policys | SELECT t.policy\_id, t.policy\_name, t.policy\_type, t.description, t.created\_at, t.updated\_at, t.is\_active, t.audit\_trail\_id FROM authn.policy t ; |
| delete\_policy\_by\_id | DELETE FROM authn.policy WHERE policy\_id = quote\_nullable(i\_policy\_id); |
| create\_policy | INSERT INTO authn.policy (t.policy\_id, t.policy\_name, t.policy\_type, t.description, t.created\_at, t.updated\_at, t.is\_active, t.audit\_trail\_id) VALUES (i\_policy\_id, i\_policy\_name, i\_policy\_type, i\_description, i\_created\_at, i\_updated\_at, i\_is\_active, i\_audit\_trail\_id); |
| unique\_policy\_exists | SELECT 1 FROM authn.policy WHERE <unique\_conditions> LIMIT 1; |
| custom\_search\_policy\_by\_id | SELECT t.policy\_id, t.policy\_name, t.policy\_type, t.description, t.created\_at, t.updated\_at, t.is\_active, t.audit\_trail\_id FROM authn.policy t WHERE <custom\_search\_conditions>; |
| custom\_delete\_policy\_by\_id | DELETE FROM authn.policy WHERE <custom\_conditions>; |

### **Security Details:**

|  |  |
| --- | --- |
| Security Area | Details |
| Authorization | Roles : [Admin] , [Super Admin] , [System Admin] |
| Authentication | Bearer Token received upon succesful login passed as Request Header parameter in each API. |

## **Screen Name: Auth User**

### **Database Table Name: auth\_user**

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| auth\_user\_id | integer | auth\_user\_pkey (PRIMARY KEY), |
| auth\_user\_name | text | auth\_user\_auth\_user\_name\_key (UNIQUE), |
| auth\_status\_id | smallint - (Numeric Precision: 16) | auth\_user\_auth\_status\_id\_fkey (FOREIGN KEY), |
| app\_user\_id | text | null |
| media\_link | text | null |
| is\_active | boolean | null |
| audit\_trail\_id | bigint - (Numeric Precision: 64) | null |

### **Screen Input Details:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Control Name | Control Type | Data Type | Mandatory | Data Source |
| Auth User Id | hidden | number | true | Manual Entry |
| Auth User Name | textbox | string | true | Manual Entry |
| Auth Status Id | listbox | number | true | API feed list box selection |
| App User Id | textbox | string | false | Manual Entry |
| Media Link | textbox | string | false | Manual Entry |
| Is Active | checkbox | boolean | false | Manual Entry |
| Audit Trail Id | hidden | number | true | Manual Entry |

### **Screen API Details:**

|  |  |  |
| --- | --- | --- |
| API Name | Method | API URI |
| get\_auth\_users | get | /api/v1/get\_auth\_users |
| create\_auth\_user | post | /api/v1/create\_auth\_user |
| update\_auth\_user | put | /api/v1/update\_auth\_user |
| delete\_auth\_user | delete | /api/v1/delete\_auth\_user |
| get\_auth\_statuss | get | /api/v1/get\_auth\_statuss |

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|  |  |  |  |
| --- | --- | --- | --- |
| API Name | Request Payload | Response Payload | Request Headers |
| get\_auth\_users | {} | {"data":{"audit\_trail\_id":"bigint","is\_active":"boolean","app\_user\_id":"text","auth\_user\_name":"text","media\_link":"text","auth\_user\_id":"integer","auth\_status\_id":"smallint"}} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| create\_auth\_user | {"data":{"audit\_trail\_id":"bigint","is\_active":"boolean","app\_user\_id":"text","auth\_user\_name":"text","media\_link":"text","auth\_user\_id":"integer","auth\_status\_id":"smallint"}} | {"message":"Record created","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| update\_auth\_user | {"data":{"audit\_trail\_id":"bigint","is\_active":"boolean","app\_user\_id":"text","auth\_user\_name":"text","media\_link":"text","auth\_user\_id":"integer","auth\_status\_id":"smallint"}} | {"message":"Record updated","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| delete\_auth\_user | {"id":"integer"} | {"message":"Record deleted","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| get\_auth\_statuss | {"id":"integer"} | {"data":"array of auth\_status"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |

### **Database Script Details:**

|  |  |
| --- | --- |
| Script Name | Database Script |
| get\_all\_auth\_users | SELECT t.auth\_user\_id, t.auth\_user\_name, t.auth\_status\_id, t.app\_user\_id, t.media\_link, t.is\_active, t.audit\_trail\_id, f\_auth\_status.auth\_status\_name FROM authn.auth\_user t LEFT JOIN authn.auth\_status f\_auth\_status ON t.auth\_status\_id = f\_auth\_status.auth\_status\_id ; |
| delete\_auth\_user\_by\_id | DELETE FROM authn.auth\_user WHERE auth\_user\_id = quote\_nullable(i\_auth\_user\_id); |
| unique\_auth\_user\_exists | SELECT 1 FROM authn.auth\_user WHERE <unique\_conditions> LIMIT 1; |
| update\_auth\_user | UPDATE authn.auth\_user SET auth\_user\_id = quote\_nullable(i\_auth\_user\_id), auth\_user\_name = quote\_nullable(i\_auth\_user\_name), auth\_status\_id = quote\_nullable(i\_auth\_status\_id), app\_user\_id = quote\_nullable(i\_app\_user\_id), media\_link = quote\_nullable(i\_media\_link), is\_active = quote\_nullable(i\_is\_active), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id) WHERE auth\_user\_id = quote\_nullable(i\_auth\_user\_id); |
| custom\_search\_auth\_user\_by\_id | SELECT t.auth\_user\_id, t.auth\_user\_name, t.auth\_status\_id, t.app\_user\_id, t.media\_link, t.is\_active, t.audit\_trail\_id, f\_auth\_status.auth\_status\_name FROM authn.auth\_user t LEFT JOIN authn.auth\_status f\_auth\_status ON t.auth\_status\_id = f\_auth\_status.auth\_status\_id WHERE <custom\_search\_conditions>; |
| custom\_update\_auth\_user | UPDATE authn.auth\_user SET auth\_user\_id = quote\_nullable(i\_auth\_user\_id), auth\_user\_name = quote\_nullable(i\_auth\_user\_name), auth\_status\_id = quote\_nullable(i\_auth\_status\_id), app\_user\_id = quote\_nullable(i\_app\_user\_id), media\_link = quote\_nullable(i\_media\_link), is\_active = quote\_nullable(i\_is\_active), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id) WHERE <custom\_conditions>; |
| custom\_delete\_auth\_user\_by\_id | DELETE FROM authn.auth\_user WHERE <custom\_conditions>; |
| create\_auth\_user | INSERT INTO authn.auth\_user (t.auth\_user\_id, t.auth\_user\_name, t.auth\_status\_id, t.app\_user\_id, t.media\_link, t.is\_active, t.audit\_trail\_id) VALUES (i\_auth\_user\_id, i\_auth\_user\_name, i\_auth\_status\_id, i\_app\_user\_id, i\_media\_link, i\_is\_active, i\_audit\_trail\_id); |
| get\_auth\_user\_by\_id | SELECT t.auth\_user\_id, t.auth\_user\_name, t.auth\_status\_id, t.app\_user\_id, t.media\_link, t.is\_active, t.audit\_trail\_id, f\_auth\_status.auth\_status\_name FROM authn.auth\_user t LEFT JOIN authn.auth\_status f\_auth\_status ON t.auth\_status\_id = f\_auth\_status.auth\_status\_id WHERE t.auth\_user\_id = quote\_nullable(i\_auth\_user\_id); |

### **Security Details:**

|  |  |
| --- | --- |
| Security Area | Details |
| Authorization | Roles : [Admin] , [Super Admin] , [System Admin] |
| Authentication | Bearer Token received upon succesful login passed as Request Header parameter in each API. |

## **Screen Name: Api Key**

### **Database Table Name: api\_key**

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| api\_key\_id | integer | api\_keys\_pkey (PRIMARY KEY), |
| auth\_user\_id | integer | api\_keys\_auth\_user\_id\_fkey (FOREIGN KEY), |
| api\_key\_value | text | api\_keys\_api\_key\_value\_key (UNIQUE), |
| created\_on | timestamp without time zone | null |
| expires\_on | timestamp without time zone | null |
| is\_active | boolean | null |
| audit\_trail\_id | bigint - (Numeric Precision: 64) | null |

### **Screen Input Details:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Control Name | Control Type | Data Type | Mandatory | Data Source |
| Api Key Id | hidden | number | true | Manual Entry |
| Auth User Id | listbox | number | true | API feed list box selection |
| Api Key Value | textbox | string | true | Manual Entry |
| Created On | textbox | string | false | Manual Entry |
| Expires On | textbox | string | false | Manual Entry |
| Is Active | checkbox | boolean | false | Manual Entry |
| Audit Trail Id | hidden | number | true | Manual Entry |

### **Screen API Details:**

|  |  |  |
| --- | --- | --- |
| API Name | Method | API URI |
| get\_api\_keys | get | /api/v1/get\_api\_keys |
| create\_api\_key | post | /api/v1/create\_api\_key |
| update\_api\_key | put | /api/v1/update\_api\_key |
| delete\_api\_key | delete | /api/v1/delete\_api\_key |
| get\_auth\_users | get | /api/v1/get\_auth\_users |

### 

|  |  |  |  |
| --- | --- | --- | --- |
| API Name | Request Payload | Response Payload | Request Headers |
| get\_api\_keys | {} | {"data":{"audit\_trail\_id":"bigint","is\_active":"boolean","api\_key\_value":"text","created\_on":"timestamp without time zone","expires\_on":"timestamp without time zone","auth\_user\_id":"integer","api\_key\_id":"integer"}} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| create\_api\_key | {"data":{"audit\_trail\_id":"bigint","is\_active":"boolean","api\_key\_value":"text","created\_on":"timestamp without time zone","expires\_on":"timestamp without time zone","auth\_user\_id":"integer","api\_key\_id":"integer"}} | {"message":"Record created","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| update\_api\_key | {"data":{"audit\_trail\_id":"bigint","is\_active":"boolean","api\_key\_value":"text","created\_on":"timestamp without time zone","expires\_on":"timestamp without time zone","auth\_user\_id":"integer","api\_key\_id":"integer"}} | {"message":"Record updated","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| delete\_api\_key | {"id":"integer"} | {"message":"Record deleted","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| get\_auth\_users | {"id":"integer"} | {"data":"array of auth\_user"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |

### **Database Script Details:**

|  |  |
| --- | --- |
| Script Name | Database Script |
| get\_all\_api\_keys | SELECT t.api\_key\_id, t.auth\_user\_id, t.api\_key\_value, t.created\_on, t.expires\_on, t.is\_active, t.audit\_trail\_id, f\_auth\_user.auth\_user\_name FROM authn.api\_key t LEFT JOIN authn.auth\_user f\_auth\_user ON t.auth\_user\_id = f\_auth\_user.auth\_user\_id ; |
| custom\_delete\_api\_key\_by\_id | DELETE FROM authn.api\_key WHERE <custom\_conditions>; |
| get\_api\_key\_by\_id | SELECT t.api\_key\_id, t.auth\_user\_id, t.api\_key\_value, t.created\_on, t.expires\_on, t.is\_active, t.audit\_trail\_id, f\_auth\_user.auth\_user\_name FROM authn.api\_key t LEFT JOIN authn.auth\_user f\_auth\_user ON t.auth\_user\_id = f\_auth\_user.auth\_user\_id WHERE t.api\_key\_id = quote\_nullable(i\_api\_key\_id); |
| create\_api\_key | INSERT INTO authn.api\_key (t.api\_key\_id, t.auth\_user\_id, t.api\_key\_value, t.created\_on, t.expires\_on, t.is\_active, t.audit\_trail\_id) VALUES (i\_api\_key\_id, i\_auth\_user\_id, i\_api\_key\_value, i\_created\_on, i\_expires\_on, i\_is\_active, i\_audit\_trail\_id); |
| update\_api\_key | UPDATE authn.api\_key SET api\_key\_id = quote\_nullable(i\_api\_key\_id), auth\_user\_id = quote\_nullable(i\_auth\_user\_id), api\_key\_value = quote\_nullable(i\_api\_key\_value), created\_on = quote\_nullable(i\_created\_on), expires\_on = quote\_nullable(i\_expires\_on), is\_active = quote\_nullable(i\_is\_active), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id) WHERE api\_key\_id = quote\_nullable(i\_api\_key\_id); |
| custom\_update\_api\_key | UPDATE authn.api\_key SET api\_key\_id = quote\_nullable(i\_api\_key\_id), auth\_user\_id = quote\_nullable(i\_auth\_user\_id), api\_key\_value = quote\_nullable(i\_api\_key\_value), created\_on = quote\_nullable(i\_created\_on), expires\_on = quote\_nullable(i\_expires\_on), is\_active = quote\_nullable(i\_is\_active), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id) WHERE <custom\_conditions>; |
| custom\_search\_api\_key\_by\_id | SELECT t.api\_key\_id, t.auth\_user\_id, t.api\_key\_value, t.created\_on, t.expires\_on, t.is\_active, t.audit\_trail\_id, f\_auth\_user.auth\_user\_name FROM authn.api\_key t LEFT JOIN authn.auth\_user f\_auth\_user ON t.auth\_user\_id = f\_auth\_user.auth\_user\_id WHERE <custom\_search\_conditions>; |
| delete\_api\_key\_by\_id | DELETE FROM authn.api\_key WHERE api\_key\_id = quote\_nullable(i\_api\_key\_id); |
| unique\_api\_key\_exists | SELECT 1 FROM authn.api\_key WHERE <unique\_conditions> LIMIT 1; |

### **Security Details:**

|  |  |
| --- | --- |
| Security Area | Details |
| Authorization | Roles : [Admin] , [Super Admin] , [System Admin] |
| Authentication | Bearer Token received upon succesful login passed as Request Header parameter in each API. |

## **Screen Name: App User Settings**

### **Database Table Name: app\_user\_settings**

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| app\_user\_settings\_id | integer | app\_user\_settings\_pkey (PRIMARY KEY), |
| auth\_user\_id | integer | app\_user\_settings\_auth\_user\_id\_fkey (FOREIGN KEY), |
| settings | jsonb | null |
| created\_on | timestamp without time zone | null |
| updated\_on | timestamp without time zone | null |
| is\_active | boolean | null |
| audit\_trail\_id | bigint - (Numeric Precision: 64) | null |

### **Screen Input Details:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Control Name | Control Type | Data Type | Mandatory | Data Source |
| App User Settings Id | hidden | number | true | Manual Entry |
| Auth User Id | listbox | number | true | API feed list box selection |
| Settings | textbox | json | false | Manual Entry |
| Created On | textbox | string | false | Manual Entry |
| Updated On | textbox | string | false | Manual Entry |
| Is Active | checkbox | boolean | false | Manual Entry |
| Audit Trail Id | hidden | number | true | Manual Entry |

### **Screen API Details:**

|  |  |  |
| --- | --- | --- |
| API Name | Method | API URI |
| get\_app\_user\_settingss | get | /api/v1/get\_app\_user\_settingss |
| create\_app\_user\_settings | post | /api/v1/create\_app\_user\_settings |
| update\_app\_user\_settings | put | /api/v1/update\_app\_user\_settings |
| delete\_app\_user\_settings | delete | /api/v1/delete\_app\_user\_settings |
| get\_auth\_users | get | /api/v1/get\_auth\_users |

### 

|  |  |  |  |
| --- | --- | --- | --- |
| API Name | Request Payload | Response Payload | Request Headers |
| get\_app\_user\_settingss | {} | {"data":{"updated\_on":"timestamp without time zone","audit\_trail\_id":"bigint","settings":"jsonb","is\_active":"boolean","created\_on":"timestamp without time zone","auth\_user\_id":"integer","app\_user\_settings\_id":"integer"}} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| create\_app\_user\_settings | {"data":{"updated\_on":"timestamp without time zone","audit\_trail\_id":"bigint","settings":"jsonb","is\_active":"boolean","created\_on":"timestamp without time zone","auth\_user\_id":"integer","app\_user\_settings\_id":"integer"}} | {"message":"Record created","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| update\_app\_user\_settings | {"data":{"updated\_on":"timestamp without time zone","audit\_trail\_id":"bigint","settings":"jsonb","is\_active":"boolean","created\_on":"timestamp without time zone","auth\_user\_id":"integer","app\_user\_settings\_id":"integer"}} | {"message":"Record updated","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| delete\_app\_user\_settings | {"id":"integer"} | {"message":"Record deleted","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| get\_auth\_users | {"id":"integer"} | {"data":"array of auth\_user"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |

### **Database Script Details:**

|  |  |
| --- | --- |
| Script Name | Database Script |
| get\_all\_app\_user\_settingss | SELECT t.app\_user\_settings\_id, t.auth\_user\_id, t.settings, t.created\_on, t.updated\_on, t.is\_active, t.audit\_trail\_id, f\_auth\_user.auth\_user\_name FROM authn.app\_user\_settings t LEFT JOIN authn.auth\_user f\_auth\_user ON t.auth\_user\_id = f\_auth\_user.auth\_user\_id ; |
| custom\_search\_app\_user\_settings\_by\_id | SELECT t.app\_user\_settings\_id, t.auth\_user\_id, t.settings, t.created\_on, t.updated\_on, t.is\_active, t.audit\_trail\_id, f\_auth\_user.auth\_user\_name FROM authn.app\_user\_settings t LEFT JOIN authn.auth\_user f\_auth\_user ON t.auth\_user\_id = f\_auth\_user.auth\_user\_id WHERE <custom\_search\_conditions>; |
| custom\_update\_app\_user\_settings | UPDATE authn.app\_user\_settings SET app\_user\_settings\_id = quote\_nullable(i\_app\_user\_settings\_id), auth\_user\_id = quote\_nullable(i\_auth\_user\_id), settings = quote\_nullable(i\_settings), created\_on = quote\_nullable(i\_created\_on), updated\_on = quote\_nullable(i\_updated\_on), is\_active = quote\_nullable(i\_is\_active), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id) WHERE <custom\_conditions>; |
| delete\_app\_user\_settings\_by\_id | DELETE FROM authn.app\_user\_settings WHERE app\_user\_settings\_id = quote\_nullable(i\_app\_user\_settings\_id); |
| custom\_delete\_app\_user\_settings\_by\_id | DELETE FROM authn.app\_user\_settings WHERE <custom\_conditions>; |
| unique\_app\_user\_settings\_exists | SELECT 1 FROM authn.app\_user\_settings WHERE <unique\_conditions> LIMIT 1; |
| get\_app\_user\_settings\_by\_id | SELECT t.app\_user\_settings\_id, t.auth\_user\_id, t.settings, t.created\_on, t.updated\_on, t.is\_active, t.audit\_trail\_id, f\_auth\_user.auth\_user\_name FROM authn.app\_user\_settings t LEFT JOIN authn.auth\_user f\_auth\_user ON t.auth\_user\_id = f\_auth\_user.auth\_user\_id WHERE t.app\_user\_settings\_id = quote\_nullable(i\_app\_user\_settings\_id); |
| create\_app\_user\_settings | INSERT INTO authn.app\_user\_settings (t.app\_user\_settings\_id, t.auth\_user\_id, t.settings, t.created\_on, t.updated\_on, t.is\_active, t.audit\_trail\_id) VALUES (i\_app\_user\_settings\_id, i\_auth\_user\_id, i\_settings, i\_created\_on, i\_updated\_on, i\_is\_active, i\_audit\_trail\_id); |
| update\_app\_user\_settings | UPDATE authn.app\_user\_settings SET app\_user\_settings\_id = quote\_nullable(i\_app\_user\_settings\_id), auth\_user\_id = quote\_nullable(i\_auth\_user\_id), settings = quote\_nullable(i\_settings), created\_on = quote\_nullable(i\_created\_on), updated\_on = quote\_nullable(i\_updated\_on), is\_active = quote\_nullable(i\_is\_active), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id) WHERE app\_user\_settings\_id = quote\_nullable(i\_app\_user\_settings\_id); |

### **Security Details:**

|  |  |
| --- | --- |
| Security Area | Details |
| Authorization | Roles : [Admin] , [Super Admin] , [System Admin] |
| Authentication | Bearer Token received upon succesful login passed as Request Header parameter in each API. |

## **Screen Name: Db Table**

### **Database Table Name: db\_table**

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| db\_table\_id | smallint - (Numeric Precision: 16) | db\_table\_pkey (PRIMARY KEY), |
| db\_table\_name | character varying | db\_table\_db\_table\_name\_key (UNIQUE), |
| is\_active | boolean | null |
| audit\_trail\_id | bigint - (Numeric Precision: 64) | null |

### **Screen Input Details:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Control Name | Control Type | Data Type | Mandatory | Data Source |
| Db Table Id | hidden | number | true | Manual Entry |
| Db Table Name | textbox | string | true | Manual Entry |
| Is Active | checkbox | boolean | false | Manual Entry |
| Audit Trail Id | hidden | number | true | Manual Entry |

### **Screen API Details:**

|  |  |  |
| --- | --- | --- |
| API Name | Method | API URI |
| get\_db\_tables | get | /api/v1/get\_db\_tables |
| create\_db\_table | post | /api/v1/create\_db\_table |
| update\_db\_table | put | /api/v1/update\_db\_table |
| delete\_db\_table | delete | /api/v1/delete\_db\_table |

### 

|  |  |  |  |
| --- | --- | --- | --- |
| API Name | Request Payload | Response Payload | Request Headers |
| get\_db\_tables | {} | {"data":{"audit\_trail\_id":"bigint","db\_table\_name":"character varying","is\_active":"boolean","db\_table\_id":"smallint"}} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| create\_db\_table | {"data":{"audit\_trail\_id":"bigint","db\_table\_name":"character varying","is\_active":"boolean","db\_table\_id":"smallint"}} | {"message":"Record created","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| update\_db\_table | {"data":{"audit\_trail\_id":"bigint","db\_table\_name":"character varying","is\_active":"boolean","db\_table\_id":"smallint"}} | {"message":"Record updated","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| delete\_db\_table | {"id":"integer"} | {"message":"Record deleted","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |

### **Database Script Details:**

|  |  |
| --- | --- |
| Script Name | Database Script |
| update\_db\_table | UPDATE authn.db\_table SET db\_table\_id = quote\_nullable(i\_db\_table\_id), db\_table\_name = quote\_nullable(i\_db\_table\_name), is\_active = quote\_nullable(i\_is\_active), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id) WHERE db\_table\_id = quote\_nullable(i\_db\_table\_id); |
| get\_db\_table\_by\_id | SELECT t.db\_table\_id, t.db\_table\_name, t.is\_active, t.audit\_trail\_id FROM authn.db\_table t WHERE t.db\_table\_id = quote\_nullable(i\_db\_table\_id); |
| delete\_db\_table\_by\_id | DELETE FROM authn.db\_table WHERE db\_table\_id = quote\_nullable(i\_db\_table\_id); |
| create\_db\_table | INSERT INTO authn.db\_table (t.db\_table\_id, t.db\_table\_name, t.is\_active, t.audit\_trail\_id) VALUES (i\_db\_table\_id, i\_db\_table\_name, i\_is\_active, i\_audit\_trail\_id); |
| get\_all\_db\_tables | SELECT t.db\_table\_id, t.db\_table\_name, t.is\_active, t.audit\_trail\_id FROM authn.db\_table t ; |
| custom\_search\_db\_table\_by\_id | SELECT t.db\_table\_id, t.db\_table\_name, t.is\_active, t.audit\_trail\_id FROM authn.db\_table t WHERE <custom\_search\_conditions>; |
| custom\_update\_db\_table | UPDATE authn.db\_table SET db\_table\_id = quote\_nullable(i\_db\_table\_id), db\_table\_name = quote\_nullable(i\_db\_table\_name), is\_active = quote\_nullable(i\_is\_active), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id) WHERE <custom\_conditions>; |
| unique\_db\_table\_exists | SELECT 1 FROM authn.db\_table WHERE <unique\_conditions> LIMIT 1; |
| custom\_delete\_db\_table\_by\_id | DELETE FROM authn.db\_table WHERE <custom\_conditions>; |

### **Security Details:**

|  |  |
| --- | --- |
| Security Area | Details |
| Authorization | Roles : [Admin] , [Super Admin] , [System Admin] |
| Authentication | Bearer Token received upon succesful login passed as Request Header parameter in each API. |

## **Screen Name: Audit Trail**

### **Database Table Name: audit\_trail**

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| audit\_trail\_id | bigint - (Numeric Precision: 64) | audit\_trail\_pkey (PRIMARY KEY), |
| db\_table\_id | smallint - (Numeric Precision: 16) | audit\_trail\_db\_table\_id\_fkey (FOREIGN KEY), |
| record\_action\_id | smallint - (Numeric Precision: 16) | audit\_trail\_record\_action\_id\_fkey (FOREIGN KEY), |
| record\_id | bigint - (Numeric Precision: 64) | null |
| performed\_by | bigint - (Numeric Precision: 64) | null |
| action\_time | timestamp without time zone | null |
| details | jsonb | null |

### **Screen Input Details:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Control Name | Control Type | Data Type | Mandatory | Data Source |
| Audit Trail Id | hidden | number | true | Manual Entry |
| Db Table Id | listbox | number | true | API feed list box selection |
| Record Action Id | listbox | number | true | API feed list box selection |
| Record Id | textbox\_number | number | true | Manual Entry |
| Performed By | textbox\_number | number | false | Manual Entry |
| Action Time | textbox | string | false | Manual Entry |
| Details | textbox | json | false | Manual Entry |

### **Screen API Details:**

|  |  |  |
| --- | --- | --- |
| API Name | Method | API URI |
| get\_audit\_trails | get | /api/v1/get\_audit\_trails |
| create\_audit\_trail | post | /api/v1/create\_audit\_trail |
| update\_audit\_trail | put | /api/v1/update\_audit\_trail |
| delete\_audit\_trail | delete | /api/v1/delete\_audit\_trail |
| get\_db\_tables | get | /api/v1/get\_db\_tables |
| get\_record\_actions | get | /api/v1/get\_record\_actions |

### 

|  |  |  |  |
| --- | --- | --- | --- |
| API Name | Request Payload | Response Payload | Request Headers |
| get\_audit\_trails | {} | {"data":{"audit\_trail\_id":"bigint","record\_id":"bigint","action\_time":"timestamp without time zone","db\_table\_id":"smallint","performed\_by":"bigint","record\_action\_id":"smallint","details":"jsonb"}} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| create\_audit\_trail | {"data":{"audit\_trail\_id":"bigint","record\_id":"bigint","action\_time":"timestamp without time zone","db\_table\_id":"smallint","performed\_by":"bigint","record\_action\_id":"smallint","details":"jsonb"}} | {"message":"Record created","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| update\_audit\_trail | {"data":{"audit\_trail\_id":"bigint","record\_id":"bigint","action\_time":"timestamp without time zone","db\_table\_id":"smallint","performed\_by":"bigint","record\_action\_id":"smallint","details":"jsonb"}} | {"message":"Record updated","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| delete\_audit\_trail | {"id":"integer"} | {"message":"Record deleted","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| get\_db\_tables | {"id":"integer"} | {"data":"array of db\_table"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| get\_record\_actions | {"id":"integer"} | {"data":"array of record\_action"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |

### **Database Script Details:**

|  |  |
| --- | --- |
| Script Name | Database Script |
| custom\_delete\_audit\_trail\_by\_id | DELETE FROM authn.audit\_trail WHERE <custom\_conditions>; |
| custom\_update\_audit\_trail | UPDATE authn.audit\_trail SET audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id), db\_table\_id = quote\_nullable(i\_db\_table\_id), record\_action\_id = quote\_nullable(i\_record\_action\_id), record\_id = quote\_nullable(i\_record\_id), performed\_by = quote\_nullable(i\_performed\_by), action\_time = quote\_nullable(i\_action\_time), details = quote\_nullable(i\_details) WHERE <custom\_conditions>; |
| update\_audit\_trail | UPDATE authn.audit\_trail SET audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id), db\_table\_id = quote\_nullable(i\_db\_table\_id), record\_action\_id = quote\_nullable(i\_record\_action\_id), record\_id = quote\_nullable(i\_record\_id), performed\_by = quote\_nullable(i\_performed\_by), action\_time = quote\_nullable(i\_action\_time), details = quote\_nullable(i\_details) WHERE audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id); |
| custom\_search\_audit\_trail\_by\_id | SELECT t.audit\_trail\_id, t.db\_table\_id, t.record\_action\_id, t.record\_id, t.performed\_by, t.action\_time, t.details, f\_db\_table.db\_table\_name, f\_record\_action.record\_action\_name FROM authn.audit\_trail t LEFT JOIN authn.db\_table f\_db\_table ON t.db\_table\_id = f\_db\_table.db\_table\_id LEFT JOIN authn.record\_action f\_record\_action ON t.record\_action\_id = f\_record\_action.record\_action\_id WHERE <custom\_search\_conditions>; |
| get\_audit\_trail\_by\_id | SELECT t.audit\_trail\_id, t.db\_table\_id, t.record\_action\_id, t.record\_id, t.performed\_by, t.action\_time, t.details, f\_db\_table.db\_table\_name, f\_record\_action.record\_action\_name FROM authn.audit\_trail t LEFT JOIN authn.db\_table f\_db\_table ON t.db\_table\_id = f\_db\_table.db\_table\_id LEFT JOIN authn.record\_action f\_record\_action ON t.record\_action\_id = f\_record\_action.record\_action\_id WHERE t.audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id); |
| delete\_audit\_trail\_by\_id | DELETE FROM authn.audit\_trail WHERE audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id); |
| unique\_audit\_trail\_exists | SELECT 1 FROM authn.audit\_trail WHERE <unique\_conditions> LIMIT 1; |
| create\_audit\_trail | INSERT INTO authn.audit\_trail (t.audit\_trail\_id, t.db\_table\_id, t.record\_action\_id, t.record\_id, t.performed\_by, t.action\_time, t.details) VALUES (i\_audit\_trail\_id, i\_db\_table\_id, i\_record\_action\_id, i\_record\_id, i\_performed\_by, i\_action\_time, i\_details); |
| get\_all\_audit\_trails | SELECT t.audit\_trail\_id, t.db\_table\_id, t.record\_action\_id, t.record\_id, t.performed\_by, t.action\_time, t.details, f\_db\_table.db\_table\_name, f\_record\_action.record\_action\_name FROM authn.audit\_trail t LEFT JOIN authn.db\_table f\_db\_table ON t.db\_table\_id = f\_db\_table.db\_table\_id LEFT JOIN authn.record\_action f\_record\_action ON t.record\_action\_id = f\_record\_action.record\_action\_id ; |

### **Security Details:**

|  |  |
| --- | --- |
| Security Area | Details |
| Authorization | Roles : [Admin] , [Super Admin] , [System Admin] |
| Authentication | Bearer Token received upon succesful login passed as Request Header parameter in each API. |

## **Screen Name: Record Action**

### **Database Table Name: record\_action**

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| record\_action\_id | smallint - (Numeric Precision: 16) | record\_action\_pkey (PRIMARY KEY), |
| record\_action\_name | character varying | null |
| is\_active | boolean | null |
| audit\_trail\_id | bigint - (Numeric Precision: 64) | null |

### **Screen Input Details:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Control Name | Control Type | Data Type | Mandatory | Data Source |
| Record Action Id | hidden | number | true | Manual Entry |
| Record Action Name | textbox | string | true | Manual Entry |
| Is Active | checkbox | boolean | false | Manual Entry |
| Audit Trail Id | hidden | number | true | Manual Entry |

### **Screen API Details:**

|  |  |  |
| --- | --- | --- |
| API Name | Method | API URI |
| get\_record\_actions | get | /api/v1/get\_record\_actions |
| create\_record\_action | post | /api/v1/create\_record\_action |
| update\_record\_action | put | /api/v1/update\_record\_action |
| delete\_record\_action | delete | /api/v1/delete\_record\_action |

### 

|  |  |  |  |
| --- | --- | --- | --- |
| API Name | Request Payload | Response Payload | Request Headers |
| get\_record\_actions | {} | {"data":{"audit\_trail\_id":"bigint","is\_active":"boolean","record\_action\_id":"smallint","record\_action\_name":"character varying"}} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| create\_record\_action | {"data":{"audit\_trail\_id":"bigint","is\_active":"boolean","record\_action\_id":"smallint","record\_action\_name":"character varying"}} | {"message":"Record created","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| update\_record\_action | {"data":{"audit\_trail\_id":"bigint","is\_active":"boolean","record\_action\_id":"smallint","record\_action\_name":"character varying"}} | {"message":"Record updated","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| delete\_record\_action | {"id":"integer"} | {"message":"Record deleted","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |

### **Database Script Details:**

|  |  |
| --- | --- |
| Script Name | Database Script |
| delete\_record\_action\_by\_id | DELETE FROM authn.record\_action WHERE record\_action\_id = quote\_nullable(i\_record\_action\_id); |
| get\_record\_action\_by\_id | SELECT t.record\_action\_id, t.record\_action\_name, t.is\_active, t.audit\_trail\_id FROM authn.record\_action t WHERE t.record\_action\_id = quote\_nullable(i\_record\_action\_id); |
| update\_record\_action | UPDATE authn.record\_action SET record\_action\_id = quote\_nullable(i\_record\_action\_id), record\_action\_name = quote\_nullable(i\_record\_action\_name), is\_active = quote\_nullable(i\_is\_active), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id) WHERE record\_action\_id = quote\_nullable(i\_record\_action\_id); |
| get\_all\_record\_actions | SELECT t.record\_action\_id, t.record\_action\_name, t.is\_active, t.audit\_trail\_id FROM authn.record\_action t ; |
| unique\_record\_action\_exists | SELECT 1 FROM authn.record\_action WHERE <unique\_conditions> LIMIT 1; |
| custom\_delete\_record\_action\_by\_id | DELETE FROM authn.record\_action WHERE <custom\_conditions>; |
| custom\_search\_record\_action\_by\_id | SELECT t.record\_action\_id, t.record\_action\_name, t.is\_active, t.audit\_trail\_id FROM authn.record\_action t WHERE <custom\_search\_conditions>; |
| custom\_update\_record\_action | UPDATE authn.record\_action SET record\_action\_id = quote\_nullable(i\_record\_action\_id), record\_action\_name = quote\_nullable(i\_record\_action\_name), is\_active = quote\_nullable(i\_is\_active), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id) WHERE <custom\_conditions>; |
| create\_record\_action | INSERT INTO authn.record\_action (t.record\_action\_id, t.record\_action\_name, t.is\_active, t.audit\_trail\_id) VALUES (i\_record\_action\_id, i\_record\_action\_name, i\_is\_active, i\_audit\_trail\_id); |

### **Security Details:**

|  |  |
| --- | --- |
| Security Area | Details |
| Authorization | Roles : [Admin] , [Super Admin] , [System Admin] |
| Authentication | Bearer Token received upon succesful login passed as Request Header parameter in each API. |

## **Screen Name: Auth Password**

### **Database Table Name: auth\_password**

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| auth\_password\_id | integer | auth\_password\_pkey (PRIMARY KEY), |
| auth\_user\_id | integer | auth\_password\_auth\_user\_id\_fkey (FOREIGN KEY), |
| password\_hash | text | null |
| generated\_on | timestamp without time zone | null |
| is\_temp\_password | boolean | null |
| media\_link | text | null |
| is\_active | boolean | null |
| audit\_trail\_id | bigint - (Numeric Precision: 64) | null |

### **Screen Input Details:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Control Name | Control Type | Data Type | Mandatory | Data Source |
| Auth Password Id | hidden | number | true | Manual Entry |
| Auth User Id | listbox | number | true | API feed list box selection |
| Password Hash | textbox | string | true | Manual Entry |
| Generated On | textbox | string | false | Manual Entry |
| Is Temp Password | checkbox | boolean | false | Manual Entry |
| Media Link | textbox | string | false | Manual Entry |
| Is Active | checkbox | boolean | false | Manual Entry |
| Audit Trail Id | hidden | number | true | Manual Entry |

### **Screen API Details:**

|  |  |  |
| --- | --- | --- |
| API Name | Method | API URI |
| get\_auth\_passwords | get | /api/v1/get\_auth\_passwords |
| create\_auth\_password | post | /api/v1/create\_auth\_password |
| update\_auth\_password | put | /api/v1/update\_auth\_password |
| delete\_auth\_password | delete | /api/v1/delete\_auth\_password |
| get\_auth\_users | get | /api/v1/get\_auth\_users |

### 

|  |  |  |  |
| --- | --- | --- | --- |
| API Name | Request Payload | Response Payload | Request Headers |
| get\_auth\_passwords | {} | {"data":{"audit\_trail\_id":"bigint","is\_active":"boolean","auth\_password\_id":"integer","password\_hash":"text","media\_link":"text","is\_temp\_password":"boolean","generated\_on":"timestamp without time zone","auth\_user\_id":"integer"}} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| create\_auth\_password | {"data":{"audit\_trail\_id":"bigint","is\_active":"boolean","auth\_password\_id":"integer","password\_hash":"text","media\_link":"text","is\_temp\_password":"boolean","generated\_on":"timestamp without time zone","auth\_user\_id":"integer"}} | {"message":"Record created","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| update\_auth\_password | {"data":{"audit\_trail\_id":"bigint","is\_active":"boolean","auth\_password\_id":"integer","password\_hash":"text","media\_link":"text","is\_temp\_password":"boolean","generated\_on":"timestamp without time zone","auth\_user\_id":"integer"}} | {"message":"Record updated","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| delete\_auth\_password | {"id":"integer"} | {"message":"Record deleted","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| get\_auth\_users | {"id":"integer"} | {"data":"array of auth\_user"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |

### **Database Script Details:**

|  |  |
| --- | --- |
| Script Name | Database Script |
| get\_auth\_password\_by\_id | SELECT t.auth\_password\_id, t.auth\_user\_id, t.password\_hash, t.generated\_on, t.is\_temp\_password, t.media\_link, t.is\_active, t.audit\_trail\_id, f\_auth\_user.auth\_user\_name FROM authn.auth\_password t LEFT JOIN authn.auth\_user f\_auth\_user ON t.auth\_user\_id = f\_auth\_user.auth\_user\_id WHERE t.auth\_password\_id = quote\_nullable(i\_auth\_password\_id); |
| update\_auth\_password | UPDATE authn.auth\_password SET auth\_password\_id = quote\_nullable(i\_auth\_password\_id), auth\_user\_id = quote\_nullable(i\_auth\_user\_id), password\_hash = quote\_nullable(i\_password\_hash), generated\_on = quote\_nullable(i\_generated\_on), is\_temp\_password = quote\_nullable(i\_is\_temp\_password), media\_link = quote\_nullable(i\_media\_link), is\_active = quote\_nullable(i\_is\_active), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id) WHERE auth\_password\_id = quote\_nullable(i\_auth\_password\_id); |
| get\_all\_auth\_passwords | SELECT t.auth\_password\_id, t.auth\_user\_id, t.password\_hash, t.generated\_on, t.is\_temp\_password, t.media\_link, t.is\_active, t.audit\_trail\_id, f\_auth\_user.auth\_user\_name FROM authn.auth\_password t LEFT JOIN authn.auth\_user f\_auth\_user ON t.auth\_user\_id = f\_auth\_user.auth\_user\_id ; |
| delete\_auth\_password\_by\_id | DELETE FROM authn.auth\_password WHERE auth\_password\_id = quote\_nullable(i\_auth\_password\_id); |
| custom\_delete\_auth\_password\_by\_id | DELETE FROM authn.auth\_password WHERE <custom\_conditions>; |
| create\_auth\_password | INSERT INTO authn.auth\_password (t.auth\_password\_id, t.auth\_user\_id, t.password\_hash, t.generated\_on, t.is\_temp\_password, t.media\_link, t.is\_active, t.audit\_trail\_id) VALUES (i\_auth\_password\_id, i\_auth\_user\_id, i\_password\_hash, i\_generated\_on, i\_is\_temp\_password, i\_media\_link, i\_is\_active, i\_audit\_trail\_id); |
| custom\_update\_auth\_password | UPDATE authn.auth\_password SET auth\_password\_id = quote\_nullable(i\_auth\_password\_id), auth\_user\_id = quote\_nullable(i\_auth\_user\_id), password\_hash = quote\_nullable(i\_password\_hash), generated\_on = quote\_nullable(i\_generated\_on), is\_temp\_password = quote\_nullable(i\_is\_temp\_password), media\_link = quote\_nullable(i\_media\_link), is\_active = quote\_nullable(i\_is\_active), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id) WHERE <custom\_conditions>; |
| unique\_auth\_password\_exists | SELECT 1 FROM authn.auth\_password WHERE <unique\_conditions> LIMIT 1; |
| custom\_search\_auth\_password\_by\_id | SELECT t.auth\_password\_id, t.auth\_user\_id, t.password\_hash, t.generated\_on, t.is\_temp\_password, t.media\_link, t.is\_active, t.audit\_trail\_id, f\_auth\_user.auth\_user\_name FROM authn.auth\_password t LEFT JOIN authn.auth\_user f\_auth\_user ON t.auth\_user\_id = f\_auth\_user.auth\_user\_id WHERE <custom\_search\_conditions>; |

### **Security Details:**

|  |  |
| --- | --- |
| Security Area | Details |
| Authorization | Roles : [Admin] , [Super Admin] , [System Admin] |
| Authentication | Bearer Token received upon succesful login passed as Request Header parameter in each API. |

## **Screen Name: Auth Password Hist**

### **Database Table Name: auth\_password\_hist**

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| auth\_password\_hist\_id | integer | auth\_password\_hist\_pkey (PRIMARY KEY), |
| auth\_password\_id | integer | auth\_password\_hist\_auth\_password\_id\_fkey (FOREIGN KEY), |
| auth\_user\_id | integer | auth\_password\_hist\_auth\_user\_id\_fkey (FOREIGN KEY), |
| password\_hash | character varying | null |
| generated\_on | timestamp without time zone | null |
| is\_temp\_password | boolean | null |
| media\_link | text | null |
| is\_active | boolean | null |
| audit\_trail\_id | bigint - (Numeric Precision: 64) | null |

### **Screen Input Details:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Control Name | Control Type | Data Type | Mandatory | Data Source |
| Auth Password Hist Id | hidden | number | true | Manual Entry |
| Auth Password Id | listbox | number | true | API feed list box selection |
| Auth User Id | listbox | number | true | API feed list box selection |
| Password Hash | textbox | string | false | Manual Entry |
| Generated On | textbox | string | false | Manual Entry |
| Is Temp Password | checkbox | boolean | false | Manual Entry |
| Media Link | textbox | string | false | Manual Entry |
| Is Active | checkbox | boolean | false | Manual Entry |
| Audit Trail Id | hidden | number | true | Manual Entry |

### **Screen API Details:**

|  |  |  |
| --- | --- | --- |
| API Name | Method | API URI |
| get\_auth\_password\_hists | get | /api/v1/get\_auth\_password\_hists |
| create\_auth\_password\_hist | post | /api/v1/create\_auth\_password\_hist |
| update\_auth\_password\_hist | put | /api/v1/update\_auth\_password\_hist |
| delete\_auth\_password\_hist | delete | /api/v1/delete\_auth\_password\_hist |
| get\_auth\_passwords | get | /api/v1/get\_auth\_passwords |
| get\_auth\_users | get | /api/v1/get\_auth\_users |

### 

|  |  |  |  |
| --- | --- | --- | --- |
| API Name | Request Payload | Response Payload | Request Headers |
| get\_auth\_password\_hists | {} | {"data":{"audit\_trail\_id":"bigint","auth\_password\_hist\_id":"integer","is\_active":"boolean","auth\_password\_id":"integer","password\_hash":"character varying","media\_link":"text","is\_temp\_password":"boolean","generated\_on":"timestamp without time zone","auth\_user\_id":"integer"}} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| create\_auth\_password\_hist | {"data":{"audit\_trail\_id":"bigint","auth\_password\_hist\_id":"integer","is\_active":"boolean","auth\_password\_id":"integer","password\_hash":"character varying","media\_link":"text","is\_temp\_password":"boolean","generated\_on":"timestamp without time zone","auth\_user\_id":"integer"}} | {"message":"Record created","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| update\_auth\_password\_hist | {"data":{"audit\_trail\_id":"bigint","auth\_password\_hist\_id":"integer","is\_active":"boolean","auth\_password\_id":"integer","password\_hash":"character varying","media\_link":"text","is\_temp\_password":"boolean","generated\_on":"timestamp without time zone","auth\_user\_id":"integer"}} | {"message":"Record updated","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| delete\_auth\_password\_hist | {"id":"integer"} | {"message":"Record deleted","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| get\_auth\_passwords | {"id":"integer"} | {"data":"array of auth\_password"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| get\_auth\_users | {"id":"integer"} | {"data":"array of auth\_user"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |

### **Database Script Details:**

|  |  |
| --- | --- |
| Script Name | Database Script |
| custom\_search\_auth\_password\_hist\_by\_id | SELECT t.auth\_password\_hist\_id, t.auth\_password\_id, t.auth\_user\_id, t.password\_hash, t.generated\_on, t.is\_temp\_password, t.media\_link, t.is\_active, t.audit\_trail\_id, f\_auth\_user.auth\_user\_name FROM authn.auth\_password\_hist t LEFT JOIN authn.auth\_user f\_auth\_user ON t.auth\_user\_id = f\_auth\_user.auth\_user\_id WHERE <custom\_search\_conditions>; |
| unique\_auth\_password\_hist\_exists | SELECT 1 FROM authn.auth\_password\_hist WHERE <unique\_conditions> LIMIT 1; |
| custom\_update\_auth\_password\_hist | UPDATE authn.auth\_password\_hist SET auth\_password\_hist\_id = quote\_nullable(i\_auth\_password\_hist\_id), auth\_password\_id = quote\_nullable(i\_auth\_password\_id), auth\_user\_id = quote\_nullable(i\_auth\_user\_id), password\_hash = quote\_nullable(i\_password\_hash), generated\_on = quote\_nullable(i\_generated\_on), is\_temp\_password = quote\_nullable(i\_is\_temp\_password), media\_link = quote\_nullable(i\_media\_link), is\_active = quote\_nullable(i\_is\_active), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id) WHERE <custom\_conditions>; |
| get\_auth\_password\_hist\_by\_id | SELECT t.auth\_password\_hist\_id, t.auth\_password\_id, t.auth\_user\_id, t.password\_hash, t.generated\_on, t.is\_temp\_password, t.media\_link, t.is\_active, t.audit\_trail\_id, f\_auth\_user.auth\_user\_name FROM authn.auth\_password\_hist t LEFT JOIN authn.auth\_user f\_auth\_user ON t.auth\_user\_id = f\_auth\_user.auth\_user\_id WHERE t.auth\_password\_hist\_id = quote\_nullable(i\_auth\_password\_hist\_id); |
| delete\_auth\_password\_hist\_by\_id | DELETE FROM authn.auth\_password\_hist WHERE auth\_password\_hist\_id = quote\_nullable(i\_auth\_password\_hist\_id); |
| create\_auth\_password\_hist | INSERT INTO authn.auth\_password\_hist (t.auth\_password\_hist\_id, t.auth\_password\_id, t.auth\_user\_id, t.password\_hash, t.generated\_on, t.is\_temp\_password, t.media\_link, t.is\_active, t.audit\_trail\_id) VALUES (i\_auth\_password\_hist\_id, i\_auth\_password\_id, i\_auth\_user\_id, i\_password\_hash, i\_generated\_on, i\_is\_temp\_password, i\_media\_link, i\_is\_active, i\_audit\_trail\_id); |
| get\_all\_auth\_password\_hists | SELECT t.auth\_password\_hist\_id, t.auth\_password\_id, t.auth\_user\_id, t.password\_hash, t.generated\_on, t.is\_temp\_password, t.media\_link, t.is\_active, t.audit\_trail\_id, f\_auth\_user.auth\_user\_name FROM authn.auth\_password\_hist t LEFT JOIN authn.auth\_user f\_auth\_user ON t.auth\_user\_id = f\_auth\_user.auth\_user\_id ; |
| custom\_delete\_auth\_password\_hist\_by\_id | DELETE FROM authn.auth\_password\_hist WHERE <custom\_conditions>; |
| update\_auth\_password\_hist | UPDATE authn.auth\_password\_hist SET auth\_password\_hist\_id = quote\_nullable(i\_auth\_password\_hist\_id), auth\_password\_id = quote\_nullable(i\_auth\_password\_id), auth\_user\_id = quote\_nullable(i\_auth\_user\_id), password\_hash = quote\_nullable(i\_password\_hash), generated\_on = quote\_nullable(i\_generated\_on), is\_temp\_password = quote\_nullable(i\_is\_temp\_password), media\_link = quote\_nullable(i\_media\_link), is\_active = quote\_nullable(i\_is\_active), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id) WHERE auth\_password\_hist\_id = quote\_nullable(i\_auth\_password\_hist\_id); |

### **Security Details:**

|  |  |
| --- | --- |
| Security Area | Details |
| Authorization | Roles : [Admin] , [Super Admin] , [System Admin] |
| Authentication | Bearer Token received upon succesful login passed as Request Header parameter in each API. |

## **Screen Name: Auth Status**

### **Database Table Name: auth\_status**

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| auth\_status\_id | smallint - (Numeric Precision: 16) | auth\_status\_pkey (PRIMARY KEY), |
| auth\_status\_name | character varying | null |
| audit\_trail\_id | bigint - (Numeric Precision: 64) | null |
| media\_link | text | null |
| is\_active | boolean | null |

### **Screen Input Details:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Control Name | Control Type | Data Type | Mandatory | Data Source |
| Auth Status Id | hidden | number | true | Manual Entry |
| Auth Status Name | textbox | string | true | Manual Entry |
| Audit Trail Id | hidden | number | true | Manual Entry |
| Media Link | textbox | string | false | Manual Entry |
| Is Active | checkbox | boolean | false | Manual Entry |

### **Screen API Details:**

|  |  |  |
| --- | --- | --- |
| API Name | Method | API URI |
| get\_auth\_statuss | get | /api/v1/get\_auth\_statuss |
| create\_auth\_status | post | /api/v1/create\_auth\_status |
| update\_auth\_status | put | /api/v1/update\_auth\_status |
| delete\_auth\_status | delete | /api/v1/delete\_auth\_status |

### 

|  |  |  |  |
| --- | --- | --- | --- |
| API Name | Request Payload | Response Payload | Request Headers |
| get\_auth\_statuss | {} | {"data":{"audit\_trail\_id":"bigint","auth\_status\_name":"character varying","is\_active":"boolean","media\_link":"text","auth\_status\_id":"smallint"}} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| create\_auth\_status | {"data":{"audit\_trail\_id":"bigint","auth\_status\_name":"character varying","is\_active":"boolean","media\_link":"text","auth\_status\_id":"smallint"}} | {"message":"Record created","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| update\_auth\_status | {"data":{"audit\_trail\_id":"bigint","auth\_status\_name":"character varying","is\_active":"boolean","media\_link":"text","auth\_status\_id":"smallint"}} | {"message":"Record updated","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| delete\_auth\_status | {"id":"integer"} | {"message":"Record deleted","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |

### **Database Script Details:**

|  |  |
| --- | --- |
| Script Name | Database Script |
| custom\_search\_auth\_status\_by\_id | SELECT t.auth\_status\_id, t.auth\_status\_name, t.audit\_trail\_id, t.media\_link, t.is\_active FROM authn.auth\_status t WHERE <custom\_search\_conditions>; |
| get\_all\_auth\_statuss | SELECT t.auth\_status\_id, t.auth\_status\_name, t.audit\_trail\_id, t.media\_link, t.is\_active FROM authn.auth\_status t ; |
| custom\_update\_auth\_status | UPDATE authn.auth\_status SET auth\_status\_id = quote\_nullable(i\_auth\_status\_id), auth\_status\_name = quote\_nullable(i\_auth\_status\_name), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id), media\_link = quote\_nullable(i\_media\_link), is\_active = quote\_nullable(i\_is\_active) WHERE <custom\_conditions>; |
| update\_auth\_status | UPDATE authn.auth\_status SET auth\_status\_id = quote\_nullable(i\_auth\_status\_id), auth\_status\_name = quote\_nullable(i\_auth\_status\_name), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id), media\_link = quote\_nullable(i\_media\_link), is\_active = quote\_nullable(i\_is\_active) WHERE auth\_status\_id = quote\_nullable(i\_auth\_status\_id); |
| get\_auth\_status\_by\_id | SELECT t.auth\_status\_id, t.auth\_status\_name, t.audit\_trail\_id, t.media\_link, t.is\_active FROM authn.auth\_status t WHERE t.auth\_status\_id = quote\_nullable(i\_auth\_status\_id); |
| create\_auth\_status | INSERT INTO authn.auth\_status (t.auth\_status\_id, t.auth\_status\_name, t.audit\_trail\_id, t.media\_link, t.is\_active) VALUES (i\_auth\_status\_id, i\_auth\_status\_name, i\_audit\_trail\_id, i\_media\_link, i\_is\_active); |
| unique\_auth\_status\_exists | SELECT 1 FROM authn.auth\_status WHERE <unique\_conditions> LIMIT 1; |
| delete\_auth\_status\_by\_id | DELETE FROM authn.auth\_status WHERE auth\_status\_id = quote\_nullable(i\_auth\_status\_id); |
| custom\_delete\_auth\_status\_by\_id | DELETE FROM authn.auth\_status WHERE <custom\_conditions>; |

### **Security Details:**

|  |  |
| --- | --- |
| Security Area | Details |
| Authorization | Roles : [Admin] , [Super Admin] , [System Admin] |
| Authentication | Bearer Token received upon succesful login passed as Request Header parameter in each API. |

## **Screen Name: Auth Status Log**

### **Database Table Name: auth\_status\_log**

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| auth\_status\_log\_id | integer | auth\_status\_log\_pkey (PRIMARY KEY), |
| auth\_user\_id | integer | auth\_status\_log\_auth\_user\_id\_fkey (FOREIGN KEY), |
| auth\_status\_id | smallint - (Numeric Precision: 16) | auth\_status\_log\_auth\_status\_id\_fkey (FOREIGN KEY), |
| blocked\_by | integer | null |
| blocked\_on | timestamp without time zone | null |
| reason\_id | smallint - (Numeric Precision: 16) | auth\_status\_log\_reason\_id\_fkey (FOREIGN KEY), |
| is\_active | boolean | null |
| audit\_trail\_id | bigint - (Numeric Precision: 64) | null |

### **Screen Input Details:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Control Name | Control Type | Data Type | Mandatory | Data Source |
| Auth Status Log Id | hidden | number | true | Manual Entry |
| Auth User Id | listbox | number | false | API feed list box selection |
| Auth Status Id | listbox | number | false | API feed list box selection |
| Blocked By | textbox | number | false | Manual Entry |
| Blocked On | textbox | string | false | Manual Entry |
| Reason Id | listbox | number | false | API feed list box selection |
| Is Active | checkbox | boolean | false | Manual Entry |
| Audit Trail Id | hidden | number | true | Manual Entry |

### **Screen API Details:**

|  |  |  |
| --- | --- | --- |
| API Name | Method | API URI |
| get\_auth\_status\_logs | get | /api/v1/get\_auth\_status\_logs |
| create\_auth\_status\_log | post | /api/v1/create\_auth\_status\_log |
| update\_auth\_status\_log | put | /api/v1/update\_auth\_status\_log |
| delete\_auth\_status\_log | delete | /api/v1/delete\_auth\_status\_log |
| get\_auth\_statuss | get | /api/v1/get\_auth\_statuss |
| get\_auth\_users | get | /api/v1/get\_auth\_users |
| get\_reasons | get | /api/v1/get\_reasons |

### 

|  |  |  |  |
| --- | --- | --- | --- |
| API Name | Request Payload | Response Payload | Request Headers |
| get\_auth\_status\_logs | {} | {"data":{"audit\_trail\_id":"bigint","is\_active":"boolean","blocked\_by":"integer","auth\_user\_id":"integer","blocked\_on":"timestamp without time zone","auth\_status\_id":"smallint","auth\_status\_log\_id":"integer","reason\_id":"smallint"}} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| create\_auth\_status\_log | {"data":{"audit\_trail\_id":"bigint","is\_active":"boolean","blocked\_by":"integer","auth\_user\_id":"integer","blocked\_on":"timestamp without time zone","auth\_status\_id":"smallint","auth\_status\_log\_id":"integer","reason\_id":"smallint"}} | {"message":"Record created","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| update\_auth\_status\_log | {"data":{"audit\_trail\_id":"bigint","is\_active":"boolean","blocked\_by":"integer","auth\_user\_id":"integer","blocked\_on":"timestamp without time zone","auth\_status\_id":"smallint","auth\_status\_log\_id":"integer","reason\_id":"smallint"}} | {"message":"Record updated","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| delete\_auth\_status\_log | {"id":"integer"} | {"message":"Record deleted","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| get\_auth\_statuss | {"id":"integer"} | {"data":"array of auth\_status"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| get\_auth\_users | {"id":"integer"} | {"data":"array of auth\_user"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| get\_reasons | {"id":"integer"} | {"data":"array of reason"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |

### **Database Script Details:**

|  |  |
| --- | --- |
| Script Name | Database Script |
| get\_auth\_status\_log\_by\_id | SELECT t.auth\_status\_log\_id, t.auth\_user\_id, t.auth\_status\_id, t.blocked\_by, t.blocked\_on, t.reason\_id, t.is\_active, t.audit\_trail\_id, f\_auth\_status.auth\_status\_name, f\_auth\_user.auth\_user\_name, f\_reason.reason\_name FROM authn.auth\_status\_log t LEFT JOIN authn.auth\_status f\_auth\_status ON t.auth\_status\_id = f\_auth\_status.auth\_status\_id LEFT JOIN authn.auth\_user f\_auth\_user ON t.auth\_user\_id = f\_auth\_user.auth\_user\_id LEFT JOIN authn.reason f\_reason ON t.reason\_id = f\_reason.reason\_id WHERE t.auth\_status\_log\_id = quote\_nullable(i\_auth\_status\_log\_id); |
| delete\_auth\_status\_log\_by\_id | DELETE FROM authn.auth\_status\_log WHERE auth\_status\_log\_id = quote\_nullable(i\_auth\_status\_log\_id); |
| unique\_auth\_status\_log\_exists | SELECT 1 FROM authn.auth\_status\_log WHERE <unique\_conditions> LIMIT 1; |
| create\_auth\_status\_log | INSERT INTO authn.auth\_status\_log (t.auth\_status\_log\_id, t.auth\_user\_id, t.auth\_status\_id, t.blocked\_by, t.blocked\_on, t.reason\_id, t.is\_active, t.audit\_trail\_id) VALUES (i\_auth\_status\_log\_id, i\_auth\_user\_id, i\_auth\_status\_id, i\_blocked\_by, i\_blocked\_on, i\_reason\_id, i\_is\_active, i\_audit\_trail\_id); |
| get\_all\_auth\_status\_logs | SELECT t.auth\_status\_log\_id, t.auth\_user\_id, t.auth\_status\_id, t.blocked\_by, t.blocked\_on, t.reason\_id, t.is\_active, t.audit\_trail\_id, f\_auth\_status.auth\_status\_name, f\_auth\_user.auth\_user\_name, f\_reason.reason\_name FROM authn.auth\_status\_log t LEFT JOIN authn.auth\_status f\_auth\_status ON t.auth\_status\_id = f\_auth\_status.auth\_status\_id LEFT JOIN authn.auth\_user f\_auth\_user ON t.auth\_user\_id = f\_auth\_user.auth\_user\_id LEFT JOIN authn.reason f\_reason ON t.reason\_id = f\_reason.reason\_id ; |
| custom\_update\_auth\_status\_log | UPDATE authn.auth\_status\_log SET auth\_status\_log\_id = quote\_nullable(i\_auth\_status\_log\_id), auth\_user\_id = quote\_nullable(i\_auth\_user\_id), auth\_status\_id = quote\_nullable(i\_auth\_status\_id), blocked\_by = quote\_nullable(i\_blocked\_by), blocked\_on = quote\_nullable(i\_blocked\_on), reason\_id = quote\_nullable(i\_reason\_id), is\_active = quote\_nullable(i\_is\_active), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id) WHERE <custom\_conditions>; |
| custom\_delete\_auth\_status\_log\_by\_id | DELETE FROM authn.auth\_status\_log WHERE <custom\_conditions>; |
| custom\_search\_auth\_status\_log\_by\_id | SELECT t.auth\_status\_log\_id, t.auth\_user\_id, t.auth\_status\_id, t.blocked\_by, t.blocked\_on, t.reason\_id, t.is\_active, t.audit\_trail\_id, f\_auth\_status.auth\_status\_name, f\_auth\_user.auth\_user\_name, f\_reason.reason\_name FROM authn.auth\_status\_log t LEFT JOIN authn.auth\_status f\_auth\_status ON t.auth\_status\_id = f\_auth\_status.auth\_status\_id LEFT JOIN authn.auth\_user f\_auth\_user ON t.auth\_user\_id = f\_auth\_user.auth\_user\_id LEFT JOIN authn.reason f\_reason ON t.reason\_id = f\_reason.reason\_id WHERE <custom\_search\_conditions>; |
| update\_auth\_status\_log | UPDATE authn.auth\_status\_log SET auth\_status\_log\_id = quote\_nullable(i\_auth\_status\_log\_id), auth\_user\_id = quote\_nullable(i\_auth\_user\_id), auth\_status\_id = quote\_nullable(i\_auth\_status\_id), blocked\_by = quote\_nullable(i\_blocked\_by), blocked\_on = quote\_nullable(i\_blocked\_on), reason\_id = quote\_nullable(i\_reason\_id), is\_active = quote\_nullable(i\_is\_active), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id) WHERE auth\_status\_log\_id = quote\_nullable(i\_auth\_status\_log\_id); |

### **Security Details:**

|  |  |
| --- | --- |
| Security Area | Details |
| Authorization | Roles : [Admin] , [Super Admin] , [System Admin] |
| Authentication | Bearer Token received upon succesful login passed as Request Header parameter in each API. |

## **Screen Name: Reason**

### **Database Table Name: reason**

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| reason\_id | smallint - (Numeric Precision: 16) | reason\_pkey (PRIMARY KEY), |
| reason\_name | character varying | null |
| audit\_trail\_id | bigint - (Numeric Precision: 64) | null |
| is\_active | boolean | null |

### **Screen Input Details:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Control Name | Control Type | Data Type | Mandatory | Data Source |
| Reason Id | hidden | number | true | Manual Entry |
| Reason Name | textbox | string | true | Manual Entry |
| Audit Trail Id | hidden | number | true | Manual Entry |
| Is Active | checkbox | boolean | false | Manual Entry |

### **Screen API Details:**

|  |  |  |
| --- | --- | --- |
| API Name | Method | API URI |
| get\_reasons | get | /api/v1/get\_reasons |
| create\_reason | post | /api/v1/create\_reason |
| update\_reason | put | /api/v1/update\_reason |
| delete\_reason | delete | /api/v1/delete\_reason |

### 

|  |  |  |  |
| --- | --- | --- | --- |
| API Name | Request Payload | Response Payload | Request Headers |
| get\_reasons | {} | {"data":{"audit\_trail\_id":"bigint","is\_active":"boolean","reason\_name":"character varying","reason\_id":"smallint"}} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| create\_reason | {"data":{"audit\_trail\_id":"bigint","is\_active":"boolean","reason\_name":"character varying","reason\_id":"smallint"}} | {"message":"Record created","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| update\_reason | {"data":{"audit\_trail\_id":"bigint","is\_active":"boolean","reason\_name":"character varying","reason\_id":"smallint"}} | {"message":"Record updated","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| delete\_reason | {"id":"integer"} | {"message":"Record deleted","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |

### **Database Script Details:**

|  |  |
| --- | --- |
| Script Name | Database Script |
| get\_reason\_by\_id | SELECT t.reason\_id, t.reason\_name, t.audit\_trail\_id, t.is\_active FROM authn.reason t WHERE t.reason\_id = quote\_nullable(i\_reason\_id); |
| create\_reason | INSERT INTO authn.reason (t.reason\_id, t.reason\_name, t.audit\_trail\_id, t.is\_active) VALUES (i\_reason\_id, i\_reason\_name, i\_audit\_trail\_id, i\_is\_active); |
| custom\_search\_reason\_by\_id | SELECT t.reason\_id, t.reason\_name, t.audit\_trail\_id, t.is\_active FROM authn.reason t WHERE <custom\_search\_conditions>; |
| unique\_reason\_exists | SELECT 1 FROM authn.reason WHERE <unique\_conditions> LIMIT 1; |
| update\_reason | UPDATE authn.reason SET reason\_id = quote\_nullable(i\_reason\_id), reason\_name = quote\_nullable(i\_reason\_name), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id), is\_active = quote\_nullable(i\_is\_active) WHERE reason\_id = quote\_nullable(i\_reason\_id); |
| custom\_delete\_reason\_by\_id | DELETE FROM authn.reason WHERE <custom\_conditions>; |
| get\_all\_reasons | SELECT t.reason\_id, t.reason\_name, t.audit\_trail\_id, t.is\_active FROM authn.reason t ; |
| delete\_reason\_by\_id | DELETE FROM authn.reason WHERE reason\_id = quote\_nullable(i\_reason\_id); |
| custom\_update\_reason | UPDATE authn.reason SET reason\_id = quote\_nullable(i\_reason\_id), reason\_name = quote\_nullable(i\_reason\_name), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id), is\_active = quote\_nullable(i\_is\_active) WHERE <custom\_conditions>; |

### **Security Details:**

|  |  |
| --- | --- |
| Security Area | Details |
| Authorization | Roles : [Admin] , [Super Admin] , [System Admin] |
| Authentication | Bearer Token received upon succesful login passed as Request Header parameter in each API. |

## **Screen Name: Auth User Delivery Partner**

### **Database Table Name: auth\_user\_delivery\_partner**

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| auth\_user\_delivery\_partner\_id | integer | auth\_user\_delivery\_partner\_pkey (PRIMARY KEY), |
| auth\_user\_id | integer | auth\_user\_delivery\_partner\_auth\_user\_id\_fkey (FOREIGN KEY), |
| role\_id | integer | auth\_user\_delivery\_partner\_role\_id\_fkey (FOREIGN KEY), |
| audit\_trail\_id | bigint - (Numeric Precision: 64) | null |
| active\_flag | boolean | null |
| created\_on | timestamp without time zone | null |
| delivery\_partner\_sno | integer | null |

### **Screen Input Details:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Control Name | Control Type | Data Type | Mandatory | Data Source |
| Auth User Delivery Partner Id | hidden | number | true | Manual Entry |
| Auth User Id | listbox | number | true | API feed list box selection |
| Role Id | listbox | number | true | API feed list box selection |
| Audit Trail Id | hidden | number | true | Manual Entry |
| Active Flag | checkbox | boolean | true | Manual Entry |
| Created On | textbox | string | false | Manual Entry |
| Delivery Partner Sno | textbox | number | true | Manual Entry |

### **Screen API Details:**

|  |  |  |
| --- | --- | --- |
| API Name | Method | API URI |
| get\_auth\_user\_delivery\_partners | get | /api/v1/get\_auth\_user\_delivery\_partners |
| create\_auth\_user\_delivery\_partner | post | /api/v1/create\_auth\_user\_delivery\_partner |
| update\_auth\_user\_delivery\_partner | put | /api/v1/update\_auth\_user\_delivery\_partner |
| delete\_auth\_user\_delivery\_partner | delete | /api/v1/delete\_auth\_user\_delivery\_partner |
| get\_auth\_users | get | /api/v1/get\_auth\_users |
| get\_roles | get | /api/v1/get\_roles |

### 

|  |  |  |  |
| --- | --- | --- | --- |
| API Name | Request Payload | Response Payload | Request Headers |
| get\_auth\_user\_delivery\_partners | {} | {"data":{"audit\_trail\_id":"bigint","delivery\_partner\_sno":"integer","role\_id":"integer","created\_on":"timestamp without time zone","active\_flag":"boolean","auth\_user\_delivery\_partner\_id":"integer","auth\_user\_id":"integer"}} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| create\_auth\_user\_delivery\_partner | {"data":{"audit\_trail\_id":"bigint","delivery\_partner\_sno":"integer","role\_id":"integer","created\_on":"timestamp without time zone","active\_flag":"boolean","auth\_user\_delivery\_partner\_id":"integer","auth\_user\_id":"integer"}} | {"message":"Record created","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| update\_auth\_user\_delivery\_partner | {"data":{"audit\_trail\_id":"bigint","delivery\_partner\_sno":"integer","role\_id":"integer","created\_on":"timestamp without time zone","active\_flag":"boolean","auth\_user\_delivery\_partner\_id":"integer","auth\_user\_id":"integer"}} | {"message":"Record updated","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| delete\_auth\_user\_delivery\_partner | {"id":"integer"} | {"message":"Record deleted","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| get\_auth\_users | {"id":"integer"} | {"data":"array of auth\_user"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| get\_roles | {"id":"integer"} | {"data":"array of role"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |

### **Database Script Details:**

|  |  |
| --- | --- |
| Script Name | Database Script |
| delete\_auth\_user\_delivery\_partner\_by\_id | DELETE FROM authn.auth\_user\_delivery\_partner WHERE auth\_user\_delivery\_partner\_id = quote\_nullable(i\_auth\_user\_delivery\_partner\_id); |
| get\_auth\_user\_delivery\_partner\_by\_id | SELECT t.auth\_user\_delivery\_partner\_id, t.auth\_user\_id, t.role\_id, t.audit\_trail\_id, t.active\_flag, t.created\_on, t.delivery\_partner\_sno, f\_auth\_user.auth\_user\_name, f\_role.role\_name FROM authn.auth\_user\_delivery\_partner t LEFT JOIN authn.auth\_user f\_auth\_user ON t.auth\_user\_id = f\_auth\_user.auth\_user\_id LEFT JOIN authn.role f\_role ON t.role\_id = f\_role.role\_id WHERE t.auth\_user\_delivery\_partner\_id = quote\_nullable(i\_auth\_user\_delivery\_partner\_id); |
| custom\_update\_auth\_user\_delivery\_partner | UPDATE authn.auth\_user\_delivery\_partner SET auth\_user\_delivery\_partner\_id = quote\_nullable(i\_auth\_user\_delivery\_partner\_id), auth\_user\_id = quote\_nullable(i\_auth\_user\_id), role\_id = quote\_nullable(i\_role\_id), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id), active\_flag = quote\_nullable(i\_active\_flag), created\_on = quote\_nullable(i\_created\_on), delivery\_partner\_sno = quote\_nullable(i\_delivery\_partner\_sno) WHERE <custom\_conditions>; |
| custom\_delete\_auth\_user\_delivery\_partner\_by\_id | DELETE FROM authn.auth\_user\_delivery\_partner WHERE <custom\_conditions>; |
| create\_auth\_user\_delivery\_partner | INSERT INTO authn.auth\_user\_delivery\_partner (t.auth\_user\_delivery\_partner\_id, t.auth\_user\_id, t.role\_id, t.audit\_trail\_id, t.active\_flag, t.created\_on, t.delivery\_partner\_sno) VALUES (i\_auth\_user\_delivery\_partner\_id, i\_auth\_user\_id, i\_role\_id, i\_audit\_trail\_id, i\_active\_flag, i\_created\_on, i\_delivery\_partner\_sno); |
| unique\_auth\_user\_delivery\_partner\_exists | SELECT 1 FROM authn.auth\_user\_delivery\_partner WHERE <unique\_conditions> LIMIT 1; |
| update\_auth\_user\_delivery\_partner | UPDATE authn.auth\_user\_delivery\_partner SET auth\_user\_delivery\_partner\_id = quote\_nullable(i\_auth\_user\_delivery\_partner\_id), auth\_user\_id = quote\_nullable(i\_auth\_user\_id), role\_id = quote\_nullable(i\_role\_id), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id), active\_flag = quote\_nullable(i\_active\_flag), created\_on = quote\_nullable(i\_created\_on), delivery\_partner\_sno = quote\_nullable(i\_delivery\_partner\_sno) WHERE auth\_user\_delivery\_partner\_id = quote\_nullable(i\_auth\_user\_delivery\_partner\_id); |
| custom\_search\_auth\_user\_delivery\_partner\_by\_id | SELECT t.auth\_user\_delivery\_partner\_id, t.auth\_user\_id, t.role\_id, t.audit\_trail\_id, t.active\_flag, t.created\_on, t.delivery\_partner\_sno, f\_auth\_user.auth\_user\_name, f\_role.role\_name FROM authn.auth\_user\_delivery\_partner t LEFT JOIN authn.auth\_user f\_auth\_user ON t.auth\_user\_id = f\_auth\_user.auth\_user\_id LEFT JOIN authn.role f\_role ON t.role\_id = f\_role.role\_id WHERE <custom\_search\_conditions>; |
| get\_all\_auth\_user\_delivery\_partners | SELECT t.auth\_user\_delivery\_partner\_id, t.auth\_user\_id, t.role\_id, t.audit\_trail\_id, t.active\_flag, t.created\_on, t.delivery\_partner\_sno, f\_auth\_user.auth\_user\_name, f\_role.role\_name FROM authn.auth\_user\_delivery\_partner t LEFT JOIN authn.auth\_user f\_auth\_user ON t.auth\_user\_id = f\_auth\_user.auth\_user\_id LEFT JOIN authn.role f\_role ON t.role\_id = f\_role.role\_id ; |

### **Security Details:**

|  |  |
| --- | --- |
| Security Area | Details |
| Authorization | Roles : [Admin] , [Super Admin] , [System Admin] |
| Authentication | Bearer Token received upon succesful login passed as Request Header parameter in each API. |

## **Screen Name: Role**

### **Database Table Name: role**

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| role\_id | smallint - (Numeric Precision: 16) | role\_pkey (PRIMARY KEY), |
| role\_name | character varying | role\_role\_name\_key (UNIQUE), |
| audit\_trail\_id | bigint - (Numeric Precision: 64) | null |
| media\_link | text | null |
| is\_active | boolean | null |

### **Screen Input Details:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Control Name | Control Type | Data Type | Mandatory | Data Source |
| Role Id | hidden | number | true | Manual Entry |
| Role Name | textbox | string | true | Manual Entry |
| Audit Trail Id | hidden | number | true | Manual Entry |
| Media Link | textbox | string | false | Manual Entry |
| Is Active | checkbox | boolean | false | Manual Entry |

### **Screen API Details:**

|  |  |  |
| --- | --- | --- |
| API Name | Method | API URI |
| get\_roles | get | /api/v1/get\_roles |
| create\_role | post | /api/v1/create\_role |
| update\_role | put | /api/v1/update\_role |
| delete\_role | delete | /api/v1/delete\_role |

### 

|  |  |  |  |
| --- | --- | --- | --- |
| API Name | Request Payload | Response Payload | Request Headers |
| get\_roles | {} | {"data":{"role\_name":"character varying","audit\_trail\_id":"bigint","is\_active":"boolean","role\_id":"smallint","media\_link":"text"}} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| create\_role | {"data":{"role\_name":"character varying","audit\_trail\_id":"bigint","is\_active":"boolean","role\_id":"smallint","media\_link":"text"}} | {"message":"Record created","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| update\_role | {"data":{"role\_name":"character varying","audit\_trail\_id":"bigint","is\_active":"boolean","role\_id":"smallint","media\_link":"text"}} | {"message":"Record updated","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| delete\_role | {"id":"integer"} | {"message":"Record deleted","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |

### **Database Script Details:**

|  |  |
| --- | --- |
| Script Name | Database Script |
| get\_all\_roles | SELECT t.role\_id, t.role\_name, t.audit\_trail\_id, t.media\_link, t.is\_active FROM authn.role t ; |
| delete\_role\_by\_id | DELETE FROM authn.role WHERE role\_id = quote\_nullable(i\_role\_id); |
| custom\_search\_role\_by\_id | SELECT t.role\_id, t.role\_name, t.audit\_trail\_id, t.media\_link, t.is\_active FROM authn.role t WHERE <custom\_search\_conditions>; |
| create\_role | INSERT INTO authn.role (t.role\_id, t.role\_name, t.audit\_trail\_id, t.media\_link, t.is\_active) VALUES (i\_role\_id, i\_role\_name, i\_audit\_trail\_id, i\_media\_link, i\_is\_active); |
| get\_role\_by\_id | SELECT t.role\_id, t.role\_name, t.audit\_trail\_id, t.media\_link, t.is\_active FROM authn.role t WHERE t.role\_id = quote\_nullable(i\_role\_id); |
| unique\_role\_exists | SELECT 1 FROM authn.role WHERE <unique\_conditions> LIMIT 1; |
| custom\_delete\_role\_by\_id | DELETE FROM authn.role WHERE <custom\_conditions>; |
| update\_role | UPDATE authn.role SET role\_id = quote\_nullable(i\_role\_id), role\_name = quote\_nullable(i\_role\_name), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id), media\_link = quote\_nullable(i\_media\_link), is\_active = quote\_nullable(i\_is\_active) WHERE role\_id = quote\_nullable(i\_role\_id); |
| custom\_update\_role | UPDATE authn.role SET role\_id = quote\_nullable(i\_role\_id), role\_name = quote\_nullable(i\_role\_name), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id), media\_link = quote\_nullable(i\_media\_link), is\_active = quote\_nullable(i\_is\_active) WHERE <custom\_conditions>; |

### **Security Details:**

|  |  |
| --- | --- |
| Security Area | Details |
| Authorization | Roles : [Admin] , [Super Admin] , [System Admin] |
| Authentication | Bearer Token received upon succesful login passed as Request Header parameter in each API. |

## **Screen Name: Auth User Entity**

### **Database Table Name: auth\_user\_entity**

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| auth\_user\_entity\_id | integer | auth\_user\_entity\_pkey (PRIMARY KEY), |
| auth\_user\_id | integer | auth\_user\_entity\_auth\_user\_id\_fkey (FOREIGN KEY), |
| role\_id | integer | auth\_user\_entity\_role\_id\_fkey (FOREIGN KEY), |
| audit\_trail\_id | bigint - (Numeric Precision: 64) | null |
| active\_flag | boolean | null |
| created\_on | timestamp without time zone | null |
| qbox\_entity\_sno | integer | null |
| supervisor\_sno | bigint - (Numeric Precision: 64) | null |
| shift\_time | character varying | null |
| state\_sno | bigint - (Numeric Precision: 64) | null |
| city\_sno | bigint - (Numeric Precision: 64) | null |
| area\_sno | bigint - (Numeric Precision: 64) | null |

### **Screen Input Details:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Control Name | Control Type | Data Type | Mandatory | Data Source |
| Auth User Entity Id | hidden | number | true | Manual Entry |
| Auth User Id | listbox | number | true | API feed list box selection |
| Role Id | listbox | number | true | API feed list box selection |
| Audit Trail Id | hidden | number | true | Manual Entry |
| Active Flag | checkbox | boolean | true | Manual Entry |
| Created On | textbox | string | false | Manual Entry |
| Qbox Entity Sno | textbox | number | false | Manual Entry |
| Supervisor Sno | textbox\_number | number | false | Manual Entry |
| Shift Time | textbox | string | false | Manual Entry |
| State Sno | textbox\_number | number | false | Manual Entry |
| City Sno | textbox\_number | number | false | Manual Entry |
| Area Sno | textbox\_number | number | false | Manual Entry |

### **Screen API Details:**

|  |  |  |
| --- | --- | --- |
| API Name | Method | API URI |
| get\_auth\_user\_entitys | get | /api/v1/get\_auth\_user\_entitys |
| create\_auth\_user\_entity | post | /api/v1/create\_auth\_user\_entity |
| update\_auth\_user\_entity | put | /api/v1/update\_auth\_user\_entity |
| delete\_auth\_user\_entity | delete | /api/v1/delete\_auth\_user\_entity |
| get\_auth\_users | get | /api/v1/get\_auth\_users |
| get\_roles | get | /api/v1/get\_roles |

### 

|  |  |  |  |
| --- | --- | --- | --- |
| API Name | Request Payload | Response Payload | Request Headers |
| get\_auth\_user\_entitys | {} | {"data":{"audit\_trail\_id":"bigint","role\_id":"integer","created\_on":"timestamp without time zone","supervisor\_sno":"bigint","area\_sno":"bigint","state\_sno":"bigint","qbox\_entity\_sno":"integer","city\_sno":"bigint","active\_flag":"boolean","auth\_user\_id":"integer","auth\_user\_entity\_id":"integer","shift\_time":"character varying"}} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| create\_auth\_user\_entity | {"data":{"audit\_trail\_id":"bigint","role\_id":"integer","created\_on":"timestamp without time zone","supervisor\_sno":"bigint","area\_sno":"bigint","state\_sno":"bigint","qbox\_entity\_sno":"integer","city\_sno":"bigint","active\_flag":"boolean","auth\_user\_id":"integer","auth\_user\_entity\_id":"integer","shift\_time":"character varying"}} | {"message":"Record created","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| update\_auth\_user\_entity | {"data":{"audit\_trail\_id":"bigint","role\_id":"integer","created\_on":"timestamp without time zone","supervisor\_sno":"bigint","area\_sno":"bigint","state\_sno":"bigint","qbox\_entity\_sno":"integer","city\_sno":"bigint","active\_flag":"boolean","auth\_user\_id":"integer","auth\_user\_entity\_id":"integer","shift\_time":"character varying"}} | {"message":"Record updated","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| delete\_auth\_user\_entity | {"id":"integer"} | {"message":"Record deleted","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| get\_auth\_users | {"id":"integer"} | {"data":"array of auth\_user"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| get\_roles | {"id":"integer"} | {"data":"array of role"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |

### **Database Script Details:**

|  |  |
| --- | --- |
| Script Name | Database Script |
| update\_auth\_user\_entity | UPDATE authn.auth\_user\_entity SET auth\_user\_entity\_id = quote\_nullable(i\_auth\_user\_entity\_id), auth\_user\_id = quote\_nullable(i\_auth\_user\_id), role\_id = quote\_nullable(i\_role\_id), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id), active\_flag = quote\_nullable(i\_active\_flag), created\_on = quote\_nullable(i\_created\_on), qbox\_entity\_sno = quote\_nullable(i\_qbox\_entity\_sno), supervisor\_sno = quote\_nullable(i\_supervisor\_sno), shift\_time = quote\_nullable(i\_shift\_time), state\_sno = quote\_nullable(i\_state\_sno), city\_sno = quote\_nullable(i\_city\_sno), area\_sno = quote\_nullable(i\_area\_sno) WHERE auth\_user\_entity\_id = quote\_nullable(i\_auth\_user\_entity\_id); |
| custom\_search\_auth\_user\_entity\_by\_id | SELECT t.auth\_user\_entity\_id, t.auth\_user\_id, t.role\_id, t.audit\_trail\_id, t.active\_flag, t.created\_on, t.qbox\_entity\_sno, t.supervisor\_sno, t.shift\_time, t.state\_sno, t.city\_sno, t.area\_sno, f\_auth\_user.auth\_user\_name, f\_role.role\_name FROM authn.auth\_user\_entity t LEFT JOIN authn.auth\_user f\_auth\_user ON t.auth\_user\_id = f\_auth\_user.auth\_user\_id LEFT JOIN authn.role f\_role ON t.role\_id = f\_role.role\_id WHERE <custom\_search\_conditions>; |
| delete\_auth\_user\_entity\_by\_id | DELETE FROM authn.auth\_user\_entity WHERE auth\_user\_entity\_id = quote\_nullable(i\_auth\_user\_entity\_id); |
| custom\_update\_auth\_user\_entity | UPDATE authn.auth\_user\_entity SET auth\_user\_entity\_id = quote\_nullable(i\_auth\_user\_entity\_id), auth\_user\_id = quote\_nullable(i\_auth\_user\_id), role\_id = quote\_nullable(i\_role\_id), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id), active\_flag = quote\_nullable(i\_active\_flag), created\_on = quote\_nullable(i\_created\_on), qbox\_entity\_sno = quote\_nullable(i\_qbox\_entity\_sno), supervisor\_sno = quote\_nullable(i\_supervisor\_sno), shift\_time = quote\_nullable(i\_shift\_time), state\_sno = quote\_nullable(i\_state\_sno), city\_sno = quote\_nullable(i\_city\_sno), area\_sno = quote\_nullable(i\_area\_sno) WHERE <custom\_conditions>; |
| get\_auth\_user\_entity\_by\_id | SELECT t.auth\_user\_entity\_id, t.auth\_user\_id, t.role\_id, t.audit\_trail\_id, t.active\_flag, t.created\_on, t.qbox\_entity\_sno, t.supervisor\_sno, t.shift\_time, t.state\_sno, t.city\_sno, t.area\_sno, f\_auth\_user.auth\_user\_name, f\_role.role\_name FROM authn.auth\_user\_entity t LEFT JOIN authn.auth\_user f\_auth\_user ON t.auth\_user\_id = f\_auth\_user.auth\_user\_id LEFT JOIN authn.role f\_role ON t.role\_id = f\_role.role\_id WHERE t.auth\_user\_entity\_id = quote\_nullable(i\_auth\_user\_entity\_id); |
| get\_all\_auth\_user\_entitys | SELECT t.auth\_user\_entity\_id, t.auth\_user\_id, t.role\_id, t.audit\_trail\_id, t.active\_flag, t.created\_on, t.qbox\_entity\_sno, t.supervisor\_sno, t.shift\_time, t.state\_sno, t.city\_sno, t.area\_sno, f\_auth\_user.auth\_user\_name, f\_role.role\_name FROM authn.auth\_user\_entity t LEFT JOIN authn.auth\_user f\_auth\_user ON t.auth\_user\_id = f\_auth\_user.auth\_user\_id LEFT JOIN authn.role f\_role ON t.role\_id = f\_role.role\_id ; |
| custom\_delete\_auth\_user\_entity\_by\_id | DELETE FROM authn.auth\_user\_entity WHERE <custom\_conditions>; |
| create\_auth\_user\_entity | INSERT INTO authn.auth\_user\_entity (t.auth\_user\_entity\_id, t.auth\_user\_id, t.role\_id, t.audit\_trail\_id, t.active\_flag, t.created\_on, t.qbox\_entity\_sno, t.supervisor\_sno, t.shift\_time, t.state\_sno, t.city\_sno, t.area\_sno) VALUES (i\_auth\_user\_entity\_id, i\_auth\_user\_id, i\_role\_id, i\_audit\_trail\_id, i\_active\_flag, i\_created\_on, i\_qbox\_entity\_sno, i\_supervisor\_sno, i\_shift\_time, i\_state\_sno, i\_city\_sno, i\_area\_sno); |
| unique\_auth\_user\_entity\_exists | SELECT 1 FROM authn.auth\_user\_entity WHERE <unique\_conditions> LIMIT 1; |

### **Security Details:**

|  |  |
| --- | --- |
| Security Area | Details |
| Authorization | Roles : [Admin] , [Super Admin] , [System Admin] |
| Authentication | Bearer Token received upon succesful login passed as Request Header parameter in each API. |

## **Screen Name: Auth User Role**

### **Database Table Name: auth\_user\_role**

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| auth\_user\_role\_id | integer | auth\_user\_role\_pkey (PRIMARY KEY), |
| auth\_user\_id | integer | auth\_user\_role\_auth\_user\_id\_fkey (FOREIGN KEY), |
| role\_id | smallint - (Numeric Precision: 16) | auth\_user\_role\_role\_id\_fkey (FOREIGN KEY), |
| audit\_trail\_id | bigint - (Numeric Precision: 64) | null |
| media\_link | text | null |
| is\_active | boolean | null |

### **Screen Input Details:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Control Name | Control Type | Data Type | Mandatory | Data Source |
| Auth User Role Id | hidden | number | true | Manual Entry |
| Auth User Id | listbox | number | false | API feed list box selection |
| Role Id | listbox | number | true | API feed list box selection |
| Audit Trail Id | hidden | number | true | Manual Entry |
| Media Link | textbox | string | false | Manual Entry |
| Is Active | checkbox | boolean | false | Manual Entry |

### **Screen API Details:**

|  |  |  |
| --- | --- | --- |
| API Name | Method | API URI |
| get\_auth\_user\_roles | get | /api/v1/get\_auth\_user\_roles |
| create\_auth\_user\_role | post | /api/v1/create\_auth\_user\_role |
| update\_auth\_user\_role | put | /api/v1/update\_auth\_user\_role |
| delete\_auth\_user\_role | delete | /api/v1/delete\_auth\_user\_role |
| get\_auth\_users | get | /api/v1/get\_auth\_users |
| get\_roles | get | /api/v1/get\_roles |

### 

|  |  |  |  |
| --- | --- | --- | --- |
| API Name | Request Payload | Response Payload | Request Headers |
| get\_auth\_user\_roles | {} | {"data":{"audit\_trail\_id":"bigint","is\_active":"boolean","role\_id":"smallint","media\_link":"text","auth\_user\_role\_id":"integer","auth\_user\_id":"integer"}} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| create\_auth\_user\_role | {"data":{"audit\_trail\_id":"bigint","is\_active":"boolean","role\_id":"smallint","media\_link":"text","auth\_user\_role\_id":"integer","auth\_user\_id":"integer"}} | {"message":"Record created","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| update\_auth\_user\_role | {"data":{"audit\_trail\_id":"bigint","is\_active":"boolean","role\_id":"smallint","media\_link":"text","auth\_user\_role\_id":"integer","auth\_user\_id":"integer"}} | {"message":"Record updated","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| delete\_auth\_user\_role | {"id":"integer"} | {"message":"Record deleted","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| get\_auth\_users | {"id":"integer"} | {"data":"array of auth\_user"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| get\_roles | {"id":"integer"} | {"data":"array of role"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |

### **Database Script Details:**

|  |  |
| --- | --- |
| Script Name | Database Script |
| update\_auth\_user\_role | UPDATE authn.auth\_user\_role SET auth\_user\_role\_id = quote\_nullable(i\_auth\_user\_role\_id), auth\_user\_id = quote\_nullable(i\_auth\_user\_id), role\_id = quote\_nullable(i\_role\_id), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id), media\_link = quote\_nullable(i\_media\_link), is\_active = quote\_nullable(i\_is\_active) WHERE auth\_user\_role\_id = quote\_nullable(i\_auth\_user\_role\_id); |
| custom\_update\_auth\_user\_role | UPDATE authn.auth\_user\_role SET auth\_user\_role\_id = quote\_nullable(i\_auth\_user\_role\_id), auth\_user\_id = quote\_nullable(i\_auth\_user\_id), role\_id = quote\_nullable(i\_role\_id), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id), media\_link = quote\_nullable(i\_media\_link), is\_active = quote\_nullable(i\_is\_active) WHERE <custom\_conditions>; |
| custom\_delete\_auth\_user\_role\_by\_id | DELETE FROM authn.auth\_user\_role WHERE <custom\_conditions>; |
| get\_all\_auth\_user\_roles | SELECT t.auth\_user\_role\_id, t.auth\_user\_id, t.role\_id, t.audit\_trail\_id, t.media\_link, t.is\_active, f\_auth\_user.auth\_user\_name, f\_role.role\_name FROM authn.auth\_user\_role t LEFT JOIN authn.auth\_user f\_auth\_user ON t.auth\_user\_id = f\_auth\_user.auth\_user\_id LEFT JOIN authn.role f\_role ON t.role\_id = f\_role.role\_id ; |
| delete\_auth\_user\_role\_by\_id | DELETE FROM authn.auth\_user\_role WHERE auth\_user\_role\_id = quote\_nullable(i\_auth\_user\_role\_id); |
| custom\_search\_auth\_user\_role\_by\_id | SELECT t.auth\_user\_role\_id, t.auth\_user\_id, t.role\_id, t.audit\_trail\_id, t.media\_link, t.is\_active, f\_auth\_user.auth\_user\_name, f\_role.role\_name FROM authn.auth\_user\_role t LEFT JOIN authn.auth\_user f\_auth\_user ON t.auth\_user\_id = f\_auth\_user.auth\_user\_id LEFT JOIN authn.role f\_role ON t.role\_id = f\_role.role\_id WHERE <custom\_search\_conditions>; |
| unique\_auth\_user\_role\_exists | SELECT 1 FROM authn.auth\_user\_role WHERE <unique\_conditions> LIMIT 1; |
| create\_auth\_user\_role | INSERT INTO authn.auth\_user\_role (t.auth\_user\_role\_id, t.auth\_user\_id, t.role\_id, t.audit\_trail\_id, t.media\_link, t.is\_active) VALUES (i\_auth\_user\_role\_id, i\_auth\_user\_id, i\_role\_id, i\_audit\_trail\_id, i\_media\_link, i\_is\_active); |
| get\_auth\_user\_role\_by\_id | SELECT t.auth\_user\_role\_id, t.auth\_user\_id, t.role\_id, t.audit\_trail\_id, t.media\_link, t.is\_active, f\_auth\_user.auth\_user\_name, f\_role.role\_name FROM authn.auth\_user\_role t LEFT JOIN authn.auth\_user f\_auth\_user ON t.auth\_user\_id = f\_auth\_user.auth\_user\_id LEFT JOIN authn.role f\_role ON t.role\_id = f\_role.role\_id WHERE t.auth\_user\_role\_id = quote\_nullable(i\_auth\_user\_role\_id); |

### **Security Details:**

|  |  |
| --- | --- |
| Security Area | Details |
| Authorization | Roles : [Admin] , [Super Admin] , [System Admin] |
| Authentication | Bearer Token received upon succesful login passed as Request Header parameter in each API. |

## **Screen Name: Auth Attempt**

### **Database Table Name: auth\_attempt**

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| auth\_attempt\_id | integer | authentication\_attempts\_pkey (PRIMARY KEY), |
| auth\_user\_id | integer | authentication\_attempts\_auth\_user\_id\_fkey (FOREIGN KEY), |
| attempt\_time | timestamp without time zone | null |
| ip\_address | character varying | null |
| device\_info | text | null |
| is\_successful | boolean | null |
| audit\_trail\_id | bigint - (Numeric Precision: 64) | null |

### **Screen Input Details:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Control Name | Control Type | Data Type | Mandatory | Data Source |
| Auth Attempt Id | hidden | number | true | Manual Entry |
| Auth User Id | listbox | number | true | API feed list box selection |
| Attempt Time | textbox | string | false | Manual Entry |
| Ip Address | textbox | string | false | Manual Entry |
| Device Info | textbox | string | false | Manual Entry |
| Is Successful | checkbox | boolean | false | Manual Entry |
| Audit Trail Id | hidden | number | true | Manual Entry |

### **Screen API Details:**

|  |  |  |
| --- | --- | --- |
| API Name | Method | API URI |
| get\_auth\_attempts | get | /api/v1/get\_auth\_attempts |
| create\_auth\_attempt | post | /api/v1/create\_auth\_attempt |
| update\_auth\_attempt | put | /api/v1/update\_auth\_attempt |
| delete\_auth\_attempt | delete | /api/v1/delete\_auth\_attempt |
| get\_auth\_users | get | /api/v1/get\_auth\_users |

### 

|  |  |  |  |
| --- | --- | --- | --- |
| API Name | Request Payload | Response Payload | Request Headers |
| get\_auth\_attempts | {} | {"data":{"audit\_trail\_id":"bigint","is\_successful":"boolean","device\_info":"text","auth\_attempt\_id":"integer","ip\_address":"character varying","attempt\_time":"timestamp without time zone","auth\_user\_id":"integer"}} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| create\_auth\_attempt | {"data":{"audit\_trail\_id":"bigint","is\_successful":"boolean","device\_info":"text","auth\_attempt\_id":"integer","ip\_address":"character varying","attempt\_time":"timestamp without time zone","auth\_user\_id":"integer"}} | {"message":"Record created","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| update\_auth\_attempt | {"data":{"audit\_trail\_id":"bigint","is\_successful":"boolean","device\_info":"text","auth\_attempt\_id":"integer","ip\_address":"character varying","attempt\_time":"timestamp without time zone","auth\_user\_id":"integer"}} | {"message":"Record updated","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| delete\_auth\_attempt | {"id":"integer"} | {"message":"Record deleted","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| get\_auth\_users | {"id":"integer"} | {"data":"array of auth\_user"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |

### **Database Script Details:**

|  |  |
| --- | --- |
| Script Name | Database Script |
| custom\_delete\_auth\_attempt\_by\_id | DELETE FROM authn.auth\_attempt WHERE <custom\_conditions>; |
| create\_auth\_attempt | INSERT INTO authn.auth\_attempt (t.auth\_attempt\_id, t.auth\_user\_id, t.attempt\_time, t.ip\_address, t.device\_info, t.is\_successful, t.audit\_trail\_id) VALUES (i\_auth\_attempt\_id, i\_auth\_user\_id, i\_attempt\_time, i\_ip\_address, i\_device\_info, i\_is\_successful, i\_audit\_trail\_id); |
| custom\_update\_auth\_attempt | UPDATE authn.auth\_attempt SET auth\_attempt\_id = quote\_nullable(i\_auth\_attempt\_id), auth\_user\_id = quote\_nullable(i\_auth\_user\_id), attempt\_time = quote\_nullable(i\_attempt\_time), ip\_address = quote\_nullable(i\_ip\_address), device\_info = quote\_nullable(i\_device\_info), is\_successful = quote\_nullable(i\_is\_successful), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id) WHERE <custom\_conditions>; |
| get\_auth\_attempt\_by\_id | SELECT t.auth\_attempt\_id, t.auth\_user\_id, t.attempt\_time, t.ip\_address, t.device\_info, t.is\_successful, t.audit\_trail\_id, f\_auth\_user.auth\_user\_name FROM authn.auth\_attempt t LEFT JOIN authn.auth\_user f\_auth\_user ON t.auth\_user\_id = f\_auth\_user.auth\_user\_id WHERE t.auth\_attempt\_id = quote\_nullable(i\_auth\_attempt\_id); |
| custom\_search\_auth\_attempt\_by\_id | SELECT t.auth\_attempt\_id, t.auth\_user\_id, t.attempt\_time, t.ip\_address, t.device\_info, t.is\_successful, t.audit\_trail\_id, f\_auth\_user.auth\_user\_name FROM authn.auth\_attempt t LEFT JOIN authn.auth\_user f\_auth\_user ON t.auth\_user\_id = f\_auth\_user.auth\_user\_id WHERE <custom\_search\_conditions>; |
| get\_all\_auth\_attempts | SELECT t.auth\_attempt\_id, t.auth\_user\_id, t.attempt\_time, t.ip\_address, t.device\_info, t.is\_successful, t.audit\_trail\_id, f\_auth\_user.auth\_user\_name FROM authn.auth\_attempt t LEFT JOIN authn.auth\_user f\_auth\_user ON t.auth\_user\_id = f\_auth\_user.auth\_user\_id ; |
| update\_auth\_attempt | UPDATE authn.auth\_attempt SET auth\_attempt\_id = quote\_nullable(i\_auth\_attempt\_id), auth\_user\_id = quote\_nullable(i\_auth\_user\_id), attempt\_time = quote\_nullable(i\_attempt\_time), ip\_address = quote\_nullable(i\_ip\_address), device\_info = quote\_nullable(i\_device\_info), is\_successful = quote\_nullable(i\_is\_successful), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id) WHERE auth\_attempt\_id = quote\_nullable(i\_auth\_attempt\_id); |
| delete\_auth\_attempt\_by\_id | DELETE FROM authn.auth\_attempt WHERE auth\_attempt\_id = quote\_nullable(i\_auth\_attempt\_id); |
| unique\_auth\_attempt\_exists | SELECT 1 FROM authn.auth\_attempt WHERE <unique\_conditions> LIMIT 1; |

### **Security Details:**

|  |  |
| --- | --- |
| Security Area | Details |
| Authorization | Roles : [Admin] , [Super Admin] , [System Admin] |
| Authentication | Bearer Token received upon succesful login passed as Request Header parameter in each API. |

## **Screen Name: Menu**

### **Database Table Name: menu**

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| menu\_id | smallint - (Numeric Precision: 16) | menu\_pkey (PRIMARY KEY), |
| menu\_name | character varying | menu\_menu\_name\_key (UNIQUE), |
| parent\_id | smallint - (Numeric Precision: 16) | menu\_parent\_id\_fkey (FOREIGN KEY), |
| menu\_level | integer | null |
| menu\_route | character varying | null |
| menu\_link | character varying | null |
| menu\_icon | character varying | null |
| menu\_sortorder | integer | null |
| media\_link | text | null |
| is\_active | boolean | null |
| audit\_trail\_id | bigint - (Numeric Precision: 64) | null |

### **Screen Input Details:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Control Name | Control Type | Data Type | Mandatory | Data Source |
| Menu Id | hidden | number | true | Manual Entry |
| Menu Name | textbox | string | true | Manual Entry |
| Parent Id | listbox | number | false | API feed list box selection |
| Menu Level | textbox | number | false | Manual Entry |
| Menu Route | textbox | string | true | Manual Entry |
| Menu Link | textbox | string | true | Manual Entry |
| Menu Icon | textbox | string | false | Manual Entry |
| Menu Sortorder | textbox | number | false | Manual Entry |
| Media Link | textbox | string | false | Manual Entry |
| Is Active | checkbox | boolean | false | Manual Entry |
| Audit Trail Id | hidden | number | true | Manual Entry |

### **Screen API Details:**

|  |  |  |
| --- | --- | --- |
| API Name | Method | API URI |
| get\_menus | get | /api/v1/get\_menus |
| create\_menu | post | /api/v1/create\_menu |
| update\_menu | put | /api/v1/update\_menu |
| delete\_menu | delete | /api/v1/delete\_menu |
| get\_menus | get | /api/v1/get\_menus |

### 

|  |  |  |  |
| --- | --- | --- | --- |
| API Name | Request Payload | Response Payload | Request Headers |
| get\_menus | {} | {"data":{"audit\_trail\_id":"bigint","menu\_link":"character varying","is\_active":"boolean","menu\_icon":"character varying","parent\_id":"smallint","menu\_sortorder":"integer","menu\_name":"character varying","media\_link":"text","menu\_level":"integer","menu\_id":"smallint","menu\_route":"character varying"}} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| create\_menu | {"data":{"audit\_trail\_id":"bigint","menu\_link":"character varying","is\_active":"boolean","menu\_icon":"character varying","parent\_id":"smallint","menu\_sortorder":"integer","menu\_name":"character varying","media\_link":"text","menu\_level":"integer","menu\_id":"smallint","menu\_route":"character varying"}} | {"message":"Record created","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| update\_menu | {"data":{"audit\_trail\_id":"bigint","menu\_link":"character varying","is\_active":"boolean","menu\_icon":"character varying","parent\_id":"smallint","menu\_sortorder":"integer","menu\_name":"character varying","media\_link":"text","menu\_level":"integer","menu\_id":"smallint","menu\_route":"character varying"}} | {"message":"Record updated","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| delete\_menu | {"id":"integer"} | {"message":"Record deleted","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| get\_menus | {"id":"integer"} | {"data":"array of menu"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |

### **Database Script Details:**

|  |  |
| --- | --- |
| Script Name | Database Script |
| delete\_menu\_by\_id | DELETE FROM authn.menu WHERE menu\_id = quote\_nullable(i\_menu\_id); |
| create\_menu | INSERT INTO authn.menu (t.menu\_id, t.menu\_name, t.parent\_id, t.menu\_level, t.menu\_route, t.menu\_link, t.menu\_icon, t.menu\_sortorder, t.media\_link, t.is\_active, t.audit\_trail\_id) VALUES (i\_menu\_id, i\_menu\_name, i\_parent\_id, i\_menu\_level, i\_menu\_route, i\_menu\_link, i\_menu\_icon, i\_menu\_sortorder, i\_media\_link, i\_is\_active, i\_audit\_trail\_id); |
| get\_all\_menus | SELECT t.menu\_id, t.menu\_name, t.parent\_id, t.menu\_level, t.menu\_route, t.menu\_link, t.menu\_icon, t.menu\_sortorder, t.media\_link, t.is\_active, t.audit\_trail\_id, f\_menu.menu\_name FROM authn.menu t LEFT JOIN authn.menu f\_menu ON t.parent\_id = f\_menu.parent\_id ; |
| get\_menu\_by\_id | SELECT t.menu\_id, t.menu\_name, t.parent\_id, t.menu\_level, t.menu\_route, t.menu\_link, t.menu\_icon, t.menu\_sortorder, t.media\_link, t.is\_active, t.audit\_trail\_id, f\_menu.menu\_name FROM authn.menu t LEFT JOIN authn.menu f\_menu ON t.parent\_id = f\_menu.parent\_id WHERE t.menu\_id = quote\_nullable(i\_menu\_id); |
| custom\_update\_menu | UPDATE authn.menu SET menu\_id = quote\_nullable(i\_menu\_id), menu\_name = quote\_nullable(i\_menu\_name), parent\_id = quote\_nullable(i\_parent\_id), menu\_level = quote\_nullable(i\_menu\_level), menu\_route = quote\_nullable(i\_menu\_route), menu\_link = quote\_nullable(i\_menu\_link), menu\_icon = quote\_nullable(i\_menu\_icon), menu\_sortorder = quote\_nullable(i\_menu\_sortorder), media\_link = quote\_nullable(i\_media\_link), is\_active = quote\_nullable(i\_is\_active), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id) WHERE <custom\_conditions>; |
| update\_menu | UPDATE authn.menu SET menu\_id = quote\_nullable(i\_menu\_id), menu\_name = quote\_nullable(i\_menu\_name), parent\_id = quote\_nullable(i\_parent\_id), menu\_level = quote\_nullable(i\_menu\_level), menu\_route = quote\_nullable(i\_menu\_route), menu\_link = quote\_nullable(i\_menu\_link), menu\_icon = quote\_nullable(i\_menu\_icon), menu\_sortorder = quote\_nullable(i\_menu\_sortorder), media\_link = quote\_nullable(i\_media\_link), is\_active = quote\_nullable(i\_is\_active), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id) WHERE menu\_id = quote\_nullable(i\_menu\_id); |
| unique\_menu\_exists | SELECT 1 FROM authn.menu WHERE <unique\_conditions> LIMIT 1; |
| custom\_delete\_menu\_by\_id | DELETE FROM authn.menu WHERE <custom\_conditions>; |
| custom\_search\_menu\_by\_id | SELECT t.menu\_id, t.menu\_name, t.parent\_id, t.menu\_level, t.menu\_route, t.menu\_link, t.menu\_icon, t.menu\_sortorder, t.media\_link, t.is\_active, t.audit\_trail\_id, f\_menu.menu\_name FROM authn.menu t LEFT JOIN authn.menu f\_menu ON t.parent\_id = f\_menu.parent\_id WHERE <custom\_search\_conditions>; |

### **Security Details:**

|  |  |
| --- | --- |
| Security Area | Details |
| Authorization | Roles : [Admin] , [Super Admin] , [System Admin] |
| Authentication | Bearer Token received upon succesful login passed as Request Header parameter in each API. |

## **Screen Name: Menu Permission**

### **Database Table Name: menu\_permission**

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| menu\_permission\_id | smallint - (Numeric Precision: 16) | menu\_permission\_pkey (PRIMARY KEY), |
| menu\_id | smallint - (Numeric Precision: 16) | menu\_permission\_menu\_id\_fkey (FOREIGN KEY), |
| permission\_id | smallint - (Numeric Precision: 16) | menu\_permission\_permission\_id\_fkey (FOREIGN KEY), |
| audit\_trail\_id | bigint - (Numeric Precision: 64) | null |
| media\_link | text | null |
| is\_active | boolean | null |

### **Screen Input Details:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Control Name | Control Type | Data Type | Mandatory | Data Source |
| Menu Permission Id | hidden | number | true | Manual Entry |
| Menu Id | listbox | number | true | API feed list box selection |
| Permission Id | listbox | number | true | API feed list box selection |
| Audit Trail Id | hidden | number | true | Manual Entry |
| Media Link | textbox | string | false | Manual Entry |
| Is Active | checkbox | boolean | false | Manual Entry |

### **Screen API Details:**

|  |  |  |
| --- | --- | --- |
| API Name | Method | API URI |
| get\_menu\_permissions | get | /api/v1/get\_menu\_permissions |
| create\_menu\_permission | post | /api/v1/create\_menu\_permission |
| update\_menu\_permission | put | /api/v1/update\_menu\_permission |
| delete\_menu\_permission | delete | /api/v1/delete\_menu\_permission |
| get\_menus | get | /api/v1/get\_menus |
| get\_permissions | get | /api/v1/get\_permissions |

### 

|  |  |  |  |
| --- | --- | --- | --- |
| API Name | Request Payload | Response Payload | Request Headers |
| get\_menu\_permissions | {} | {"data":{"audit\_trail\_id":"bigint","is\_active":"boolean","menu\_permission\_id":"smallint","media\_link":"text","permission\_id":"smallint","menu\_id":"smallint"}} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| create\_menu\_permission | {"data":{"audit\_trail\_id":"bigint","is\_active":"boolean","menu\_permission\_id":"smallint","media\_link":"text","permission\_id":"smallint","menu\_id":"smallint"}} | {"message":"Record created","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| update\_menu\_permission | {"data":{"audit\_trail\_id":"bigint","is\_active":"boolean","menu\_permission\_id":"smallint","media\_link":"text","permission\_id":"smallint","menu\_id":"smallint"}} | {"message":"Record updated","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| delete\_menu\_permission | {"id":"integer"} | {"message":"Record deleted","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| get\_menus | {"id":"integer"} | {"data":"array of menu"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| get\_permissions | {"id":"integer"} | {"data":"array of permission"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |

### **Database Script Details:**

|  |  |
| --- | --- |
| Script Name | Database Script |
| unique\_menu\_permission\_exists | SELECT 1 FROM authn.menu\_permission WHERE <unique\_conditions> LIMIT 1; |
| custom\_search\_menu\_permission\_by\_id | SELECT t.menu\_permission\_id, t.menu\_id, t.permission\_id, t.audit\_trail\_id, t.media\_link, t.is\_active, f\_menu.menu\_name, f\_permission.permission\_name FROM authn.menu\_permission t LEFT JOIN authn.menu f\_menu ON t.menu\_id = f\_menu.menu\_id LEFT JOIN authn.permission f\_permission ON t.permission\_id = f\_permission.permission\_id WHERE <custom\_search\_conditions>; |
| delete\_menu\_permission\_by\_id | DELETE FROM authn.menu\_permission WHERE menu\_permission\_id = quote\_nullable(i\_menu\_permission\_id); |
| custom\_update\_menu\_permission | UPDATE authn.menu\_permission SET menu\_permission\_id = quote\_nullable(i\_menu\_permission\_id), menu\_id = quote\_nullable(i\_menu\_id), permission\_id = quote\_nullable(i\_permission\_id), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id), media\_link = quote\_nullable(i\_media\_link), is\_active = quote\_nullable(i\_is\_active) WHERE <custom\_conditions>; |
| update\_menu\_permission | UPDATE authn.menu\_permission SET menu\_permission\_id = quote\_nullable(i\_menu\_permission\_id), menu\_id = quote\_nullable(i\_menu\_id), permission\_id = quote\_nullable(i\_permission\_id), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id), media\_link = quote\_nullable(i\_media\_link), is\_active = quote\_nullable(i\_is\_active) WHERE menu\_permission\_id = quote\_nullable(i\_menu\_permission\_id); |
| create\_menu\_permission | INSERT INTO authn.menu\_permission (t.menu\_permission\_id, t.menu\_id, t.permission\_id, t.audit\_trail\_id, t.media\_link, t.is\_active) VALUES (i\_menu\_permission\_id, i\_menu\_id, i\_permission\_id, i\_audit\_trail\_id, i\_media\_link, i\_is\_active); |
| get\_menu\_permission\_by\_id | SELECT t.menu\_permission\_id, t.menu\_id, t.permission\_id, t.audit\_trail\_id, t.media\_link, t.is\_active, f\_menu.menu\_name, f\_permission.permission\_name FROM authn.menu\_permission t LEFT JOIN authn.menu f\_menu ON t.menu\_id = f\_menu.menu\_id LEFT JOIN authn.permission f\_permission ON t.permission\_id = f\_permission.permission\_id WHERE t.menu\_permission\_id = quote\_nullable(i\_menu\_permission\_id); |
| custom\_delete\_menu\_permission\_by\_id | DELETE FROM authn.menu\_permission WHERE <custom\_conditions>; |
| get\_all\_menu\_permissions | SELECT t.menu\_permission\_id, t.menu\_id, t.permission\_id, t.audit\_trail\_id, t.media\_link, t.is\_active, f\_menu.menu\_name, f\_permission.permission\_name FROM authn.menu\_permission t LEFT JOIN authn.menu f\_menu ON t.menu\_id = f\_menu.menu\_id LEFT JOIN authn.permission f\_permission ON t.permission\_id = f\_permission.permission\_id ; |

### **Security Details:**

|  |  |
| --- | --- |
| Security Area | Details |
| Authorization | Roles : [Admin] , [Super Admin] , [System Admin] |
| Authentication | Bearer Token received upon succesful login passed as Request Header parameter in each API. |

## **Screen Name: Permission**

### **Database Table Name: permission**

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| permission\_id | smallint - (Numeric Precision: 16) | permission\_pkey (PRIMARY KEY), |
| permission\_name | character varying | permission\_permission\_name\_key (UNIQUE), |
| audit\_trail\_id | bigint - (Numeric Precision: 64) | null |
| media\_link | text | null |
| is\_active | boolean | null |

### **Screen Input Details:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Control Name | Control Type | Data Type | Mandatory | Data Source |
| Permission Id | hidden | number | true | Manual Entry |
| Permission Name | textbox | string | true | Manual Entry |
| Audit Trail Id | hidden | number | true | Manual Entry |
| Media Link | textbox | string | false | Manual Entry |
| Is Active | checkbox | boolean | false | Manual Entry |

### **Screen API Details:**

|  |  |  |
| --- | --- | --- |
| API Name | Method | API URI |
| get\_permissions | get | /api/v1/get\_permissions |
| create\_permission | post | /api/v1/create\_permission |
| update\_permission | put | /api/v1/update\_permission |
| delete\_permission | delete | /api/v1/delete\_permission |

### 

|  |  |  |  |
| --- | --- | --- | --- |
| API Name | Request Payload | Response Payload | Request Headers |
| get\_permissions | {} | {"data":{"audit\_trail\_id":"bigint","is\_active":"boolean","media\_link":"text","permission\_id":"smallint","permission\_name":"character varying"}} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| create\_permission | {"data":{"audit\_trail\_id":"bigint","is\_active":"boolean","media\_link":"text","permission\_id":"smallint","permission\_name":"character varying"}} | {"message":"Record created","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| update\_permission | {"data":{"audit\_trail\_id":"bigint","is\_active":"boolean","media\_link":"text","permission\_id":"smallint","permission\_name":"character varying"}} | {"message":"Record updated","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| delete\_permission | {"id":"integer"} | {"message":"Record deleted","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |

### **Database Script Details:**

|  |  |
| --- | --- |
| Script Name | Database Script |
| get\_all\_permissions | SELECT t.permission\_id, t.permission\_name, t.audit\_trail\_id, t.media\_link, t.is\_active FROM authn.permission t ; |
| custom\_search\_permission\_by\_id | SELECT t.permission\_id, t.permission\_name, t.audit\_trail\_id, t.media\_link, t.is\_active FROM authn.permission t WHERE <custom\_search\_conditions>; |
| custom\_delete\_permission\_by\_id | DELETE FROM authn.permission WHERE <custom\_conditions>; |
| delete\_permission\_by\_id | DELETE FROM authn.permission WHERE permission\_id = quote\_nullable(i\_permission\_id); |
| get\_permission\_by\_id | SELECT t.permission\_id, t.permission\_name, t.audit\_trail\_id, t.media\_link, t.is\_active FROM authn.permission t WHERE t.permission\_id = quote\_nullable(i\_permission\_id); |
| custom\_update\_permission | UPDATE authn.permission SET permission\_id = quote\_nullable(i\_permission\_id), permission\_name = quote\_nullable(i\_permission\_name), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id), media\_link = quote\_nullable(i\_media\_link), is\_active = quote\_nullable(i\_is\_active) WHERE <custom\_conditions>; |
| create\_permission | INSERT INTO authn.permission (t.permission\_id, t.permission\_name, t.audit\_trail\_id, t.media\_link, t.is\_active) VALUES (i\_permission\_id, i\_permission\_name, i\_audit\_trail\_id, i\_media\_link, i\_is\_active); |
| unique\_permission\_exists | SELECT 1 FROM authn.permission WHERE <unique\_conditions> LIMIT 1; |
| update\_permission | UPDATE authn.permission SET permission\_id = quote\_nullable(i\_permission\_id), permission\_name = quote\_nullable(i\_permission\_name), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id), media\_link = quote\_nullable(i\_media\_link), is\_active = quote\_nullable(i\_is\_active) WHERE permission\_id = quote\_nullable(i\_permission\_id); |

### **Security Details:**

|  |  |
| --- | --- |
| Security Area | Details |
| Authorization | Roles : [Admin] , [Super Admin] , [System Admin] |
| Authentication | Bearer Token received upon succesful login passed as Request Header parameter in each API. |

## **Screen Name: Module Menu**

### **Database Table Name: module\_menu**

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| module\_menu\_id | smallint - (Numeric Precision: 16) | module\_menu\_pkey (PRIMARY KEY), |
| menu\_id | smallint - (Numeric Precision: 16) | module\_menu\_menu\_id\_module\_id\_key (UNIQUE), module\_menu\_menu\_id\_fkey (FOREIGN KEY), |
| module\_id | smallint - (Numeric Precision: 16) | module\_menu\_menu\_id\_module\_id\_key (UNIQUE), module\_menu\_module\_id\_fkey (FOREIGN KEY), |
| media\_link | text | null |
| is\_active | boolean | null |
| audit\_trail\_id | bigint - (Numeric Precision: 64) | null |

### **Screen Input Details:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Control Name | Control Type | Data Type | Mandatory | Data Source |
| Module Menu Id | hidden | number | true | Manual Entry |
| Menu Id | listbox | number | true | API feed list box selection |
| Module Id | listbox | number | true | API feed list box selection |
| Media Link | textbox | string | false | Manual Entry |
| Is Active | checkbox | boolean | false | Manual Entry |
| Audit Trail Id | hidden | number | true | Manual Entry |

### **Screen API Details:**

|  |  |  |
| --- | --- | --- |
| API Name | Method | API URI |
| get\_module\_menus | get | /api/v1/get\_module\_menus |
| create\_module\_menu | post | /api/v1/create\_module\_menu |
| update\_module\_menu | put | /api/v1/update\_module\_menu |
| delete\_module\_menu | delete | /api/v1/delete\_module\_menu |
| get\_menus | get | /api/v1/get\_menus |
| get\_modules | get | /api/v1/get\_modules |

### 

|  |  |  |  |
| --- | --- | --- | --- |
| API Name | Request Payload | Response Payload | Request Headers |
| get\_module\_menus | {} | {"data":{"audit\_trail\_id":"bigint","module\_menu\_id":"smallint","is\_active":"boolean","module\_id":"smallint","media\_link":"text","menu\_id":"smallint"}} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| create\_module\_menu | {"data":{"audit\_trail\_id":"bigint","module\_menu\_id":"smallint","is\_active":"boolean","module\_id":"smallint","media\_link":"text","menu\_id":"smallint"}} | {"message":"Record created","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| update\_module\_menu | {"data":{"audit\_trail\_id":"bigint","module\_menu\_id":"smallint","is\_active":"boolean","module\_id":"smallint","media\_link":"text","menu\_id":"smallint"}} | {"message":"Record updated","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| delete\_module\_menu | {"id":"integer"} | {"message":"Record deleted","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| get\_menus | {"id":"integer"} | {"data":"array of menu"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| get\_modules | {"id":"integer"} | {"data":"array of module"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |

### **Database Script Details:**

|  |  |
| --- | --- |
| Script Name | Database Script |
| update\_module\_menu | UPDATE authn.module\_menu SET module\_menu\_id = quote\_nullable(i\_module\_menu\_id), menu\_id = quote\_nullable(i\_menu\_id), module\_id = quote\_nullable(i\_module\_id), media\_link = quote\_nullable(i\_media\_link), is\_active = quote\_nullable(i\_is\_active), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id) WHERE module\_menu\_id = quote\_nullable(i\_module\_menu\_id); |
| custom\_delete\_module\_menu\_by\_id | DELETE FROM authn.module\_menu WHERE <custom\_conditions>; |
| custom\_search\_module\_menu\_by\_id | SELECT t.module\_menu\_id, t.menu\_id, t.module\_id, t.media\_link, t.is\_active, t.audit\_trail\_id, f\_menu.menu\_name, f\_module.module\_name FROM authn.module\_menu t LEFT JOIN authn.menu f\_menu ON t.menu\_id = f\_menu.menu\_id LEFT JOIN authn.module f\_module ON t.module\_id = f\_module.module\_id WHERE <custom\_search\_conditions>; |
| unique\_module\_menu\_exists | SELECT 1 FROM authn.module\_menu WHERE <unique\_conditions> LIMIT 1; |
| get\_module\_menu\_by\_id | SELECT t.module\_menu\_id, t.menu\_id, t.module\_id, t.media\_link, t.is\_active, t.audit\_trail\_id, f\_menu.menu\_name, f\_module.module\_name FROM authn.module\_menu t LEFT JOIN authn.menu f\_menu ON t.menu\_id = f\_menu.menu\_id LEFT JOIN authn.module f\_module ON t.module\_id = f\_module.module\_id WHERE t.module\_menu\_id = quote\_nullable(i\_module\_menu\_id); |
| delete\_module\_menu\_by\_id | DELETE FROM authn.module\_menu WHERE module\_menu\_id = quote\_nullable(i\_module\_menu\_id); |
| get\_all\_module\_menus | SELECT t.module\_menu\_id, t.menu\_id, t.module\_id, t.media\_link, t.is\_active, t.audit\_trail\_id, f\_menu.menu\_name, f\_module.module\_name FROM authn.module\_menu t LEFT JOIN authn.menu f\_menu ON t.menu\_id = f\_menu.menu\_id LEFT JOIN authn.module f\_module ON t.module\_id = f\_module.module\_id ; |
| custom\_update\_module\_menu | UPDATE authn.module\_menu SET module\_menu\_id = quote\_nullable(i\_module\_menu\_id), menu\_id = quote\_nullable(i\_menu\_id), module\_id = quote\_nullable(i\_module\_id), media\_link = quote\_nullable(i\_media\_link), is\_active = quote\_nullable(i\_is\_active), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id) WHERE <custom\_conditions>; |
| create\_module\_menu | INSERT INTO authn.module\_menu (t.module\_menu\_id, t.menu\_id, t.module\_id, t.media\_link, t.is\_active, t.audit\_trail\_id) VALUES (i\_module\_menu\_id, i\_menu\_id, i\_module\_id, i\_media\_link, i\_is\_active, i\_audit\_trail\_id); |

### **Security Details:**

|  |  |
| --- | --- |
| Security Area | Details |
| Authorization | Roles : [Admin] , [Super Admin] , [System Admin] |
| Authentication | Bearer Token received upon succesful login passed as Request Header parameter in each API. |

## **Screen Name: Module**

### **Database Table Name: module**

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| module\_id | smallint - (Numeric Precision: 16) | module\_pkey (PRIMARY KEY), |
| module\_name | character varying | module\_module\_name\_key (UNIQUE), |
| media\_link | text | null |
| is\_active | boolean | null |
| is\_tech\_module | boolean | null |
| audit\_trail\_id | bigint - (Numeric Precision: 64) | null |

### **Screen Input Details:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Control Name | Control Type | Data Type | Mandatory | Data Source |
| Module Id | hidden | number | true | Manual Entry |
| Module Name | textbox | string | true | Manual Entry |
| Media Link | textbox | string | false | Manual Entry |
| Is Active | checkbox | boolean | false | Manual Entry |
| Is Tech Module | checkbox | boolean | false | Manual Entry |
| Audit Trail Id | hidden | number | true | Manual Entry |

### **Screen API Details:**

|  |  |  |
| --- | --- | --- |
| API Name | Method | API URI |
| get\_modules | get | /api/v1/get\_modules |
| create\_module | post | /api/v1/create\_module |
| update\_module | put | /api/v1/update\_module |
| delete\_module | delete | /api/v1/delete\_module |

### 

|  |  |  |  |
| --- | --- | --- | --- |
| API Name | Request Payload | Response Payload | Request Headers |
| get\_modules | {} | {"data":{"audit\_trail\_id":"bigint","is\_active":"boolean","module\_id":"smallint","is\_tech\_module":"boolean","media\_link":"text","module\_name":"character varying"}} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| create\_module | {"data":{"audit\_trail\_id":"bigint","is\_active":"boolean","module\_id":"smallint","is\_tech\_module":"boolean","media\_link":"text","module\_name":"character varying"}} | {"message":"Record created","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| update\_module | {"data":{"audit\_trail\_id":"bigint","is\_active":"boolean","module\_id":"smallint","is\_tech\_module":"boolean","media\_link":"text","module\_name":"character varying"}} | {"message":"Record updated","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| delete\_module | {"id":"integer"} | {"message":"Record deleted","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |

### **Database Script Details:**

|  |  |
| --- | --- |
| Script Name | Database Script |
| custom\_delete\_module\_by\_id | DELETE FROM authn.module WHERE <custom\_conditions>; |
| custom\_update\_module | UPDATE authn.module SET module\_id = quote\_nullable(i\_module\_id), module\_name = quote\_nullable(i\_module\_name), media\_link = quote\_nullable(i\_media\_link), is\_active = quote\_nullable(i\_is\_active), is\_tech\_module = quote\_nullable(i\_is\_tech\_module), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id) WHERE <custom\_conditions>; |
| delete\_module\_by\_id | DELETE FROM authn.module WHERE module\_id = quote\_nullable(i\_module\_id); |
| create\_module | INSERT INTO authn.module (t.module\_id, t.module\_name, t.media\_link, t.is\_active, t.is\_tech\_module, t.audit\_trail\_id) VALUES (i\_module\_id, i\_module\_name, i\_media\_link, i\_is\_active, i\_is\_tech\_module, i\_audit\_trail\_id); |
| get\_module\_by\_id | SELECT t.module\_id, t.module\_name, t.media\_link, t.is\_active, t.is\_tech\_module, t.audit\_trail\_id FROM authn.module t WHERE t.module\_id = quote\_nullable(i\_module\_id); |
| unique\_module\_exists | SELECT 1 FROM authn.module WHERE <unique\_conditions> LIMIT 1; |
| update\_module | UPDATE authn.module SET module\_id = quote\_nullable(i\_module\_id), module\_name = quote\_nullable(i\_module\_name), media\_link = quote\_nullable(i\_media\_link), is\_active = quote\_nullable(i\_is\_active), is\_tech\_module = quote\_nullable(i\_is\_tech\_module), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id) WHERE module\_id = quote\_nullable(i\_module\_id); |
| custom\_search\_module\_by\_id | SELECT t.module\_id, t.module\_name, t.media\_link, t.is\_active, t.is\_tech\_module, t.audit\_trail\_id FROM authn.module t WHERE <custom\_search\_conditions>; |
| get\_all\_modules | SELECT t.module\_id, t.module\_name, t.media\_link, t.is\_active, t.is\_tech\_module, t.audit\_trail\_id FROM authn.module t ; |

### **Security Details:**

|  |  |
| --- | --- |
| Security Area | Details |
| Authorization | Roles : [Admin] , [Super Admin] , [System Admin] |
| Authentication | Bearer Token received upon succesful login passed as Request Header parameter in each API. |

## **Screen Name: Permission Addon**

### **Database Table Name: permission\_addon**

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| permission\_addon\_id | integer | permission\_addon\_pkey (PRIMARY KEY), |
| auth\_user\_id | integer | permission\_addon\_auth\_user\_id\_fkey (FOREIGN KEY), |
| permission\_id | smallint - (Numeric Precision: 16) | permission\_addon\_permission\_id\_fkey (FOREIGN KEY), |
| is\_inclusion | boolean | null |
| audit\_trail\_id | bigint - (Numeric Precision: 64) | null |
| media\_link | text | null |
| is\_active | boolean | null |

### **Screen Input Details:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Control Name | Control Type | Data Type | Mandatory | Data Source |
| Permission Addon Id | hidden | number | true | Manual Entry |
| Auth User Id | listbox | number | true | API feed list box selection |
| Permission Id | listbox | number | true | API feed list box selection |
| Is Inclusion | checkbox | boolean | true | Manual Entry |
| Audit Trail Id | hidden | number | true | Manual Entry |
| Media Link | textbox | string | false | Manual Entry |
| Is Active | checkbox | boolean | false | Manual Entry |

### **Screen API Details:**

|  |  |  |
| --- | --- | --- |
| API Name | Method | API URI |
| get\_permission\_addons | get | /api/v1/get\_permission\_addons |
| create\_permission\_addon | post | /api/v1/create\_permission\_addon |
| update\_permission\_addon | put | /api/v1/update\_permission\_addon |
| delete\_permission\_addon | delete | /api/v1/delete\_permission\_addon |
| get\_auth\_users | get | /api/v1/get\_auth\_users |
| get\_permissions | get | /api/v1/get\_permissions |

### 

|  |  |  |  |
| --- | --- | --- | --- |
| API Name | Request Payload | Response Payload | Request Headers |
| get\_permission\_addons | {} | {"data":{"is\_inclusion":"boolean","audit\_trail\_id":"bigint","is\_active":"boolean","media\_link":"text","auth\_user\_id":"integer","permission\_id":"smallint","permission\_addon\_id":"integer"}} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| create\_permission\_addon | {"data":{"is\_inclusion":"boolean","audit\_trail\_id":"bigint","is\_active":"boolean","media\_link":"text","auth\_user\_id":"integer","permission\_id":"smallint","permission\_addon\_id":"integer"}} | {"message":"Record created","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| update\_permission\_addon | {"data":{"is\_inclusion":"boolean","audit\_trail\_id":"bigint","is\_active":"boolean","media\_link":"text","auth\_user\_id":"integer","permission\_id":"smallint","permission\_addon\_id":"integer"}} | {"message":"Record updated","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| delete\_permission\_addon | {"id":"integer"} | {"message":"Record deleted","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| get\_auth\_users | {"id":"integer"} | {"data":"array of auth\_user"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| get\_permissions | {"id":"integer"} | {"data":"array of permission"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |

### **Database Script Details:**

|  |  |
| --- | --- |
| Script Name | Database Script |
| get\_permission\_addon\_by\_id | SELECT t.permission\_addon\_id, t.auth\_user\_id, t.permission\_id, t.is\_inclusion, t.audit\_trail\_id, t.media\_link, t.is\_active, f\_auth\_user.auth\_user\_name, f\_permission.permission\_name FROM authn.permission\_addon t LEFT JOIN authn.auth\_user f\_auth\_user ON t.auth\_user\_id = f\_auth\_user.auth\_user\_id LEFT JOIN authn.permission f\_permission ON t.permission\_id = f\_permission.permission\_id WHERE t.permission\_addon\_id = quote\_nullable(i\_permission\_addon\_id); |
| delete\_permission\_addon\_by\_id | DELETE FROM authn.permission\_addon WHERE permission\_addon\_id = quote\_nullable(i\_permission\_addon\_id); |
| update\_permission\_addon | UPDATE authn.permission\_addon SET permission\_addon\_id = quote\_nullable(i\_permission\_addon\_id), auth\_user\_id = quote\_nullable(i\_auth\_user\_id), permission\_id = quote\_nullable(i\_permission\_id), is\_inclusion = quote\_nullable(i\_is\_inclusion), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id), media\_link = quote\_nullable(i\_media\_link), is\_active = quote\_nullable(i\_is\_active) WHERE permission\_addon\_id = quote\_nullable(i\_permission\_addon\_id); |
| unique\_permission\_addon\_exists | SELECT 1 FROM authn.permission\_addon WHERE <unique\_conditions> LIMIT 1; |
| custom\_search\_permission\_addon\_by\_id | SELECT t.permission\_addon\_id, t.auth\_user\_id, t.permission\_id, t.is\_inclusion, t.audit\_trail\_id, t.media\_link, t.is\_active, f\_auth\_user.auth\_user\_name, f\_permission.permission\_name FROM authn.permission\_addon t LEFT JOIN authn.auth\_user f\_auth\_user ON t.auth\_user\_id = f\_auth\_user.auth\_user\_id LEFT JOIN authn.permission f\_permission ON t.permission\_id = f\_permission.permission\_id WHERE <custom\_search\_conditions>; |
| custom\_delete\_permission\_addon\_by\_id | DELETE FROM authn.permission\_addon WHERE <custom\_conditions>; |
| custom\_update\_permission\_addon | UPDATE authn.permission\_addon SET permission\_addon\_id = quote\_nullable(i\_permission\_addon\_id), auth\_user\_id = quote\_nullable(i\_auth\_user\_id), permission\_id = quote\_nullable(i\_permission\_id), is\_inclusion = quote\_nullable(i\_is\_inclusion), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id), media\_link = quote\_nullable(i\_media\_link), is\_active = quote\_nullable(i\_is\_active) WHERE <custom\_conditions>; |
| get\_all\_permission\_addons | SELECT t.permission\_addon\_id, t.auth\_user\_id, t.permission\_id, t.is\_inclusion, t.audit\_trail\_id, t.media\_link, t.is\_active, f\_auth\_user.auth\_user\_name, f\_permission.permission\_name FROM authn.permission\_addon t LEFT JOIN authn.auth\_user f\_auth\_user ON t.auth\_user\_id = f\_auth\_user.auth\_user\_id LEFT JOIN authn.permission f\_permission ON t.permission\_id = f\_permission.permission\_id ; |
| create\_permission\_addon | INSERT INTO authn.permission\_addon (t.permission\_addon\_id, t.auth\_user\_id, t.permission\_id, t.is\_inclusion, t.audit\_trail\_id, t.media\_link, t.is\_active) VALUES (i\_permission\_addon\_id, i\_auth\_user\_id, i\_permission\_id, i\_is\_inclusion, i\_audit\_trail\_id, i\_media\_link, i\_is\_active); |

### **Security Details:**

|  |  |
| --- | --- |
| Security Area | Details |
| Authorization | Roles : [Admin] , [Super Admin] , [System Admin] |
| Authentication | Bearer Token received upon succesful login passed as Request Header parameter in each API. |

## **Screen Name: Permission Service Api**

### **Database Table Name: permission\_service\_api**

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| permission\_service\_api\_id | smallint - (Numeric Precision: 16) | permission\_service\_api\_pkey (PRIMARY KEY), |
| permission\_id | smallint - (Numeric Precision: 16) | permission\_service\_api\_permission\_id\_service\_api\_id\_key (UNIQUE), permission\_service\_api\_permission\_id\_fkey (FOREIGN KEY), |
| service\_api\_id | smallint - (Numeric Precision: 16) | permission\_service\_api\_permission\_id\_service\_api\_id\_key (UNIQUE), permission\_service\_api\_service\_api\_id\_fkey (FOREIGN KEY), |
| audit\_trail\_id | bigint - (Numeric Precision: 64) | null |
| is\_active | boolean | null |

### **Screen Input Details:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Control Name | Control Type | Data Type | Mandatory | Data Source |
| Permission Service Api Id | hidden | number | true | Manual Entry |
| Permission Id | listbox | number | true | API feed list box selection |
| Service Api Id | listbox | number | true | API feed list box selection |
| Audit Trail Id | hidden | number | true | Manual Entry |
| Is Active | checkbox | boolean | false | Manual Entry |

### **Screen API Details:**

|  |  |  |
| --- | --- | --- |
| API Name | Method | API URI |
| get\_permission\_service\_apis | get | /api/v1/get\_permission\_service\_apis |
| create\_permission\_service\_api | post | /api/v1/create\_permission\_service\_api |
| update\_permission\_service\_api | put | /api/v1/update\_permission\_service\_api |
| delete\_permission\_service\_api | delete | /api/v1/delete\_permission\_service\_api |
| get\_permissions | get | /api/v1/get\_permissions |
| get\_service\_apis | get | /api/v1/get\_service\_apis |

### 

|  |  |  |  |
| --- | --- | --- | --- |
| API Name | Request Payload | Response Payload | Request Headers |
| get\_permission\_service\_apis | {} | {"data":{"audit\_trail\_id":"bigint","is\_active":"boolean","permission\_service\_api\_id":"smallint","permission\_id":"smallint","service\_api\_id":"smallint"}} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| create\_permission\_service\_api | {"data":{"audit\_trail\_id":"bigint","is\_active":"boolean","permission\_service\_api\_id":"smallint","permission\_id":"smallint","service\_api\_id":"smallint"}} | {"message":"Record created","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| update\_permission\_service\_api | {"data":{"audit\_trail\_id":"bigint","is\_active":"boolean","permission\_service\_api\_id":"smallint","permission\_id":"smallint","service\_api\_id":"smallint"}} | {"message":"Record updated","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| delete\_permission\_service\_api | {"id":"integer"} | {"message":"Record deleted","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| get\_permissions | {"id":"integer"} | {"data":"array of permission"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| get\_service\_apis | {"id":"integer"} | {"data":"array of service\_api"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |

### **Database Script Details:**

|  |  |
| --- | --- |
| Script Name | Database Script |
| get\_all\_permission\_service\_apis | SELECT t.permission\_service\_api\_id, t.permission\_id, t.service\_api\_id, t.audit\_trail\_id, t.is\_active, f\_permission.permission\_name FROM authn.permission\_service\_api t LEFT JOIN authn.permission f\_permission ON t.permission\_id = f\_permission.permission\_id ; |
| get\_permission\_service\_api\_by\_id | SELECT t.permission\_service\_api\_id, t.permission\_id, t.service\_api\_id, t.audit\_trail\_id, t.is\_active, f\_permission.permission\_name FROM authn.permission\_service\_api t LEFT JOIN authn.permission f\_permission ON t.permission\_id = f\_permission.permission\_id WHERE t.permission\_service\_api\_id = quote\_nullable(i\_permission\_service\_api\_id); |
| custom\_delete\_permission\_service\_api\_by\_id | DELETE FROM authn.permission\_service\_api WHERE <custom\_conditions>; |
| unique\_permission\_service\_api\_exists | SELECT 1 FROM authn.permission\_service\_api WHERE <unique\_conditions> LIMIT 1; |
| custom\_update\_permission\_service\_api | UPDATE authn.permission\_service\_api SET permission\_service\_api\_id = quote\_nullable(i\_permission\_service\_api\_id), permission\_id = quote\_nullable(i\_permission\_id), service\_api\_id = quote\_nullable(i\_service\_api\_id), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id), is\_active = quote\_nullable(i\_is\_active) WHERE <custom\_conditions>; |
| create\_permission\_service\_api | INSERT INTO authn.permission\_service\_api (t.permission\_service\_api\_id, t.permission\_id, t.service\_api\_id, t.audit\_trail\_id, t.is\_active) VALUES (i\_permission\_service\_api\_id, i\_permission\_id, i\_service\_api\_id, i\_audit\_trail\_id, i\_is\_active); |
| update\_permission\_service\_api | UPDATE authn.permission\_service\_api SET permission\_service\_api\_id = quote\_nullable(i\_permission\_service\_api\_id), permission\_id = quote\_nullable(i\_permission\_id), service\_api\_id = quote\_nullable(i\_service\_api\_id), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id), is\_active = quote\_nullable(i\_is\_active) WHERE permission\_service\_api\_id = quote\_nullable(i\_permission\_service\_api\_id); |
| custom\_search\_permission\_service\_api\_by\_id | SELECT t.permission\_service\_api\_id, t.permission\_id, t.service\_api\_id, t.audit\_trail\_id, t.is\_active, f\_permission.permission\_name FROM authn.permission\_service\_api t LEFT JOIN authn.permission f\_permission ON t.permission\_id = f\_permission.permission\_id WHERE <custom\_search\_conditions>; |
| delete\_permission\_service\_api\_by\_id | DELETE FROM authn.permission\_service\_api WHERE permission\_service\_api\_id = quote\_nullable(i\_permission\_service\_api\_id); |

### **Security Details:**

|  |  |
| --- | --- |
| Security Area | Details |
| Authorization | Roles : [Admin] , [Super Admin] , [System Admin] |
| Authentication | Bearer Token received upon succesful login passed as Request Header parameter in each API. |

## **Screen Name: Service Api**

### **Database Table Name: service\_api**

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| service\_api\_id | smallint - (Numeric Precision: 16) | service\_api\_pkey (PRIMARY KEY), |
| service\_api\_url | text | service\_api\_service\_api\_url\_key (UNIQUE), |
| service\_method | character varying | null |
| audit\_trail\_id | bigint - (Numeric Precision: 64) | null |
| is\_active | boolean | null |

### **Screen Input Details:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Control Name | Control Type | Data Type | Mandatory | Data Source |
| Service Api Id | hidden | number | true | Manual Entry |
| Service Api Url | textbox | string | true | Manual Entry |
| Service Method | textbox | string | true | Manual Entry |
| Audit Trail Id | hidden | number | true | Manual Entry |
| Is Active | checkbox | boolean | false | Manual Entry |

### **Screen API Details:**

|  |  |  |
| --- | --- | --- |
| API Name | Method | API URI |
| get\_service\_apis | get | /api/v1/get\_service\_apis |
| create\_service\_api | post | /api/v1/create\_service\_api |
| update\_service\_api | put | /api/v1/update\_service\_api |
| delete\_service\_api | delete | /api/v1/delete\_service\_api |

### 

|  |  |  |  |
| --- | --- | --- | --- |
| API Name | Request Payload | Response Payload | Request Headers |
| get\_service\_apis | {} | {"data":{"audit\_trail\_id":"bigint","is\_active":"boolean","service\_method":"character varying","service\_api\_id":"smallint","service\_api\_url":"text"}} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| create\_service\_api | {"data":{"audit\_trail\_id":"bigint","is\_active":"boolean","service\_method":"character varying","service\_api\_id":"smallint","service\_api\_url":"text"}} | {"message":"Record created","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| update\_service\_api | {"data":{"audit\_trail\_id":"bigint","is\_active":"boolean","service\_method":"character varying","service\_api\_id":"smallint","service\_api\_url":"text"}} | {"message":"Record updated","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| delete\_service\_api | {"id":"integer"} | {"message":"Record deleted","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |

### **Database Script Details:**

|  |  |
| --- | --- |
| Script Name | Database Script |
| delete\_service\_api\_by\_id | DELETE FROM authn.service\_api WHERE service\_api\_id = quote\_nullable(i\_service\_api\_id); |
| unique\_service\_api\_exists | SELECT 1 FROM authn.service\_api WHERE <unique\_conditions> LIMIT 1; |
| update\_service\_api | UPDATE authn.service\_api SET service\_api\_id = quote\_nullable(i\_service\_api\_id), service\_api\_url = quote\_nullable(i\_service\_api\_url), service\_method = quote\_nullable(i\_service\_method), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id), is\_active = quote\_nullable(i\_is\_active) WHERE service\_api\_id = quote\_nullable(i\_service\_api\_id); |
| get\_service\_api\_by\_id | SELECT t.service\_api\_id, t.service\_api\_url, t.service\_method, t.audit\_trail\_id, t.is\_active FROM authn.service\_api t WHERE t.service\_api\_id = quote\_nullable(i\_service\_api\_id); |
| get\_all\_service\_apis | SELECT t.service\_api\_id, t.service\_api\_url, t.service\_method, t.audit\_trail\_id, t.is\_active FROM authn.service\_api t ; |
| custom\_delete\_service\_api\_by\_id | DELETE FROM authn.service\_api WHERE <custom\_conditions>; |
| create\_service\_api | INSERT INTO authn.service\_api (t.service\_api\_id, t.service\_api\_url, t.service\_method, t.audit\_trail\_id, t.is\_active) VALUES (i\_service\_api\_id, i\_service\_api\_url, i\_service\_method, i\_audit\_trail\_id, i\_is\_active); |
| custom\_update\_service\_api | UPDATE authn.service\_api SET service\_api\_id = quote\_nullable(i\_service\_api\_id), service\_api\_url = quote\_nullable(i\_service\_api\_url), service\_method = quote\_nullable(i\_service\_method), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id), is\_active = quote\_nullable(i\_is\_active) WHERE <custom\_conditions>; |
| custom\_search\_service\_api\_by\_id | SELECT t.service\_api\_id, t.service\_api\_url, t.service\_method, t.audit\_trail\_id, t.is\_active FROM authn.service\_api t WHERE <custom\_search\_conditions>; |

### **Security Details:**

|  |  |
| --- | --- |
| Security Area | Details |
| Authorization | Roles : [Admin] , [Super Admin] , [System Admin] |
| Authentication | Bearer Token received upon succesful login passed as Request Header parameter in each API. |

## **Screen Name: Regitration Id Type**

### **Database Table Name: regitration\_id\_type**

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| regitration\_id\_type\_id | smallint - (Numeric Precision: 16) | regitration\_id\_type\_pkey (PRIMARY KEY), |
| regitration\_id\_type\_name | character varying | regitration\_id\_type\_regitration\_id\_type\_name\_key (UNIQUE), |
| is\_active | boolean | null |
| audit\_trail\_id | bigint - (Numeric Precision: 64) | null |

### **Screen Input Details:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Control Name | Control Type | Data Type | Mandatory | Data Source |
| Regitration Id Type Id | hidden | number | true | Manual Entry |
| Regitration Id Type Name | textbox | string | true | Manual Entry |
| Is Active | checkbox | boolean | false | Manual Entry |
| Audit Trail Id | hidden | number | true | Manual Entry |

### **Screen API Details:**

|  |  |  |
| --- | --- | --- |
| API Name | Method | API URI |
| get\_regitration\_id\_types | get | /api/v1/get\_regitration\_id\_types |
| create\_regitration\_id\_type | post | /api/v1/create\_regitration\_id\_type |
| update\_regitration\_id\_type | put | /api/v1/update\_regitration\_id\_type |
| delete\_regitration\_id\_type | delete | /api/v1/delete\_regitration\_id\_type |

### 

|  |  |  |  |
| --- | --- | --- | --- |
| API Name | Request Payload | Response Payload | Request Headers |
| get\_regitration\_id\_types | {} | {"data":{"audit\_trail\_id":"bigint","is\_active":"boolean","regitration\_id\_type\_name":"character varying","regitration\_id\_type\_id":"smallint"}} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| create\_regitration\_id\_type | {"data":{"audit\_trail\_id":"bigint","is\_active":"boolean","regitration\_id\_type\_name":"character varying","regitration\_id\_type\_id":"smallint"}} | {"message":"Record created","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| update\_regitration\_id\_type | {"data":{"audit\_trail\_id":"bigint","is\_active":"boolean","regitration\_id\_type\_name":"character varying","regitration\_id\_type\_id":"smallint"}} | {"message":"Record updated","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| delete\_regitration\_id\_type | {"id":"integer"} | {"message":"Record deleted","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |

### **Database Script Details:**

|  |  |
| --- | --- |
| Script Name | Database Script |
| update\_regitration\_id\_type | UPDATE authn.regitration\_id\_type SET regitration\_id\_type\_id = quote\_nullable(i\_regitration\_id\_type\_id), regitration\_id\_type\_name = quote\_nullable(i\_regitration\_id\_type\_name), is\_active = quote\_nullable(i\_is\_active), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id) WHERE regitration\_id\_type\_id = quote\_nullable(i\_regitration\_id\_type\_id); |
| get\_all\_regitration\_id\_types | SELECT t.regitration\_id\_type\_id, t.regitration\_id\_type\_name, t.is\_active, t.audit\_trail\_id FROM authn.regitration\_id\_type t ; |
| custom\_delete\_regitration\_id\_type\_by\_id | DELETE FROM authn.regitration\_id\_type WHERE <custom\_conditions>; |
| delete\_regitration\_id\_type\_by\_id | DELETE FROM authn.regitration\_id\_type WHERE regitration\_id\_type\_id = quote\_nullable(i\_regitration\_id\_type\_id); |
| get\_regitration\_id\_type\_by\_id | SELECT t.regitration\_id\_type\_id, t.regitration\_id\_type\_name, t.is\_active, t.audit\_trail\_id FROM authn.regitration\_id\_type t WHERE t.regitration\_id\_type\_id = quote\_nullable(i\_regitration\_id\_type\_id); |
| custom\_update\_regitration\_id\_type | UPDATE authn.regitration\_id\_type SET regitration\_id\_type\_id = quote\_nullable(i\_regitration\_id\_type\_id), regitration\_id\_type\_name = quote\_nullable(i\_regitration\_id\_type\_name), is\_active = quote\_nullable(i\_is\_active), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id) WHERE <custom\_conditions>; |
| unique\_regitration\_id\_type\_exists | SELECT 1 FROM authn.regitration\_id\_type WHERE <unique\_conditions> LIMIT 1; |
| custom\_search\_regitration\_id\_type\_by\_id | SELECT t.regitration\_id\_type\_id, t.regitration\_id\_type\_name, t.is\_active, t.audit\_trail\_id FROM authn.regitration\_id\_type t WHERE <custom\_search\_conditions>; |
| create\_regitration\_id\_type | INSERT INTO authn.regitration\_id\_type (t.regitration\_id\_type\_id, t.regitration\_id\_type\_name, t.is\_active, t.audit\_trail\_id) VALUES (i\_regitration\_id\_type\_id, i\_regitration\_id\_type\_name, i\_is\_active, i\_audit\_trail\_id); |

### **Security Details:**

|  |  |
| --- | --- |
| Security Area | Details |
| Authorization | Roles : [Admin] , [Super Admin] , [System Admin] |
| Authentication | Bearer Token received upon succesful login passed as Request Header parameter in each API. |

## **Screen Name: Registeration Otp**

### **Database Table Name: registeration\_otp**

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| registeration\_otp\_id | integer | register\_otp\_pkey (PRIMARY KEY), |
| regitration\_id\_type\_id | smallint - (Numeric Precision: 16) | regitration\_id\_type\_id\_fkey (FOREIGN KEY), |
| user\_registration\_id | character varying | null |
| generated\_on | timestamp without time zone | null |
| otp\_code | character varying | register\_otp\_otp\_code\_key (UNIQUE), |
| is\_used | boolean | null |
| expiration | timestamp without time zone | null |
| device\_id | text | null |
| audit\_trail\_id | bigint - (Numeric Precision: 64) | null |

### **Screen Input Details:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Control Name | Control Type | Data Type | Mandatory | Data Source |
| Registeration Otp Id | hidden | number | true | Manual Entry |
| Regitration Id Type Id | listbox | number | true | API feed list box selection |
| User Registration Id | textbox | string | true | Manual Entry |
| Generated On | textbox | string | false | Manual Entry |
| Otp Code | textbox | string | false | Manual Entry |
| Is Used | checkbox | boolean | false | Manual Entry |
| Expiration | textbox | string | false | Manual Entry |
| Device Id | textbox | string | false | Manual Entry |
| Audit Trail Id | hidden | number | true | Manual Entry |

### **Screen API Details:**

|  |  |  |
| --- | --- | --- |
| API Name | Method | API URI |
| get\_registeration\_otps | get | /api/v1/get\_registeration\_otps |
| create\_registeration\_otp | post | /api/v1/create\_registeration\_otp |
| update\_registeration\_otp | put | /api/v1/update\_registeration\_otp |
| delete\_registeration\_otp | delete | /api/v1/delete\_registeration\_otp |
| get\_regitration\_id\_types | get | /api/v1/get\_regitration\_id\_types |

### 

|  |  |  |  |
| --- | --- | --- | --- |
| API Name | Request Payload | Response Payload | Request Headers |
| get\_registeration\_otps | {} | {"data":{"audit\_trail\_id":"bigint","user\_registration\_id":"character varying","device\_id":"text","expiration":"timestamp without time zone","generated\_on":"timestamp without time zone","regitration\_id\_type\_id":"smallint","otp\_code":"character varying","registeration\_otp\_id":"integer","is\_used":"boolean"}} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| create\_registeration\_otp | {"data":{"audit\_trail\_id":"bigint","user\_registration\_id":"character varying","device\_id":"text","expiration":"timestamp without time zone","generated\_on":"timestamp without time zone","regitration\_id\_type\_id":"smallint","otp\_code":"character varying","registeration\_otp\_id":"integer","is\_used":"boolean"}} | {"message":"Record created","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| update\_registeration\_otp | {"data":{"audit\_trail\_id":"bigint","user\_registration\_id":"character varying","device\_id":"text","expiration":"timestamp without time zone","generated\_on":"timestamp without time zone","regitration\_id\_type\_id":"smallint","otp\_code":"character varying","registeration\_otp\_id":"integer","is\_used":"boolean"}} | {"message":"Record updated","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| delete\_registeration\_otp | {"id":"integer"} | {"message":"Record deleted","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| get\_regitration\_id\_types | {"id":"integer"} | {"data":"array of regitration\_id\_type"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |

### **Database Script Details:**

|  |  |
| --- | --- |
| Script Name | Database Script |
| get\_registeration\_otp\_by\_id | SELECT t.registeration\_otp\_id, t.regitration\_id\_type\_id, t.user\_registration\_id, t.generated\_on, t.otp\_code, t.is\_used, t.expiration, t.device\_id, t.audit\_trail\_id, f\_regitration\_id\_type.regitration\_id\_type\_name FROM authn.registeration\_otp t LEFT JOIN authn.regitration\_id\_type f\_regitration\_id\_type ON t.regitration\_id\_type\_id = f\_regitration\_id\_type.regitration\_id\_type\_id WHERE t.registeration\_otp\_id = quote\_nullable(i\_registeration\_otp\_id); |
| custom\_update\_registeration\_otp | UPDATE authn.registeration\_otp SET registeration\_otp\_id = quote\_nullable(i\_registeration\_otp\_id), regitration\_id\_type\_id = quote\_nullable(i\_regitration\_id\_type\_id), user\_registration\_id = quote\_nullable(i\_user\_registration\_id), generated\_on = quote\_nullable(i\_generated\_on), otp\_code = quote\_nullable(i\_otp\_code), is\_used = quote\_nullable(i\_is\_used), expiration = quote\_nullable(i\_expiration), device\_id = quote\_nullable(i\_device\_id), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id) WHERE <custom\_conditions>; |
| custom\_delete\_registeration\_otp\_by\_id | DELETE FROM authn.registeration\_otp WHERE <custom\_conditions>; |
| unique\_registeration\_otp\_exists | SELECT 1 FROM authn.registeration\_otp WHERE <unique\_conditions> LIMIT 1; |
| custom\_search\_registeration\_otp\_by\_id | SELECT t.registeration\_otp\_id, t.regitration\_id\_type\_id, t.user\_registration\_id, t.generated\_on, t.otp\_code, t.is\_used, t.expiration, t.device\_id, t.audit\_trail\_id, f\_regitration\_id\_type.regitration\_id\_type\_name FROM authn.registeration\_otp t LEFT JOIN authn.regitration\_id\_type f\_regitration\_id\_type ON t.regitration\_id\_type\_id = f\_regitration\_id\_type.regitration\_id\_type\_id WHERE <custom\_search\_conditions>; |
| create\_registeration\_otp | INSERT INTO authn.registeration\_otp (t.registeration\_otp\_id, t.regitration\_id\_type\_id, t.user\_registration\_id, t.generated\_on, t.otp\_code, t.is\_used, t.expiration, t.device\_id, t.audit\_trail\_id) VALUES (i\_registeration\_otp\_id, i\_regitration\_id\_type\_id, i\_user\_registration\_id, i\_generated\_on, i\_otp\_code, i\_is\_used, i\_expiration, i\_device\_id, i\_audit\_trail\_id); |
| update\_registeration\_otp | UPDATE authn.registeration\_otp SET registeration\_otp\_id = quote\_nullable(i\_registeration\_otp\_id), regitration\_id\_type\_id = quote\_nullable(i\_regitration\_id\_type\_id), user\_registration\_id = quote\_nullable(i\_user\_registration\_id), generated\_on = quote\_nullable(i\_generated\_on), otp\_code = quote\_nullable(i\_otp\_code), is\_used = quote\_nullable(i\_is\_used), expiration = quote\_nullable(i\_expiration), device\_id = quote\_nullable(i\_device\_id), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id) WHERE registeration\_otp\_id = quote\_nullable(i\_registeration\_otp\_id); |
| delete\_registeration\_otp\_by\_id | DELETE FROM authn.registeration\_otp WHERE registeration\_otp\_id = quote\_nullable(i\_registeration\_otp\_id); |
| get\_all\_registeration\_otps | SELECT t.registeration\_otp\_id, t.regitration\_id\_type\_id, t.user\_registration\_id, t.generated\_on, t.otp\_code, t.is\_used, t.expiration, t.device\_id, t.audit\_trail\_id, f\_regitration\_id\_type.regitration\_id\_type\_name FROM authn.registeration\_otp t LEFT JOIN authn.regitration\_id\_type f\_regitration\_id\_type ON t.regitration\_id\_type\_id = f\_regitration\_id\_type.regitration\_id\_type\_id ; |

### **Security Details:**

|  |  |
| --- | --- |
| Security Area | Details |
| Authorization | Roles : [Admin] , [Super Admin] , [System Admin] |
| Authentication | Bearer Token received upon succesful login passed as Request Header parameter in each API. |

## **Screen Name: Reset Otp**

### **Database Table Name: reset\_otp**

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| reset\_otp\_id | integer | reset\_otp\_pkey (PRIMARY KEY), |
| auth\_user\_id | integer | reset\_otp\_auth\_user\_id\_fkey (FOREIGN KEY), |
| generated\_on | timestamp without time zone | null |
| otp\_code | character varying | reset\_otp\_otp\_code\_key (UNIQUE), |
| is\_used | boolean | null |
| expiration | timestamp without time zone | null |
| device\_id | text | null |
| audit\_trail\_id | bigint - (Numeric Precision: 64) | null |

### **Screen Input Details:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Control Name | Control Type | Data Type | Mandatory | Data Source |
| Reset Otp Id | hidden | number | true | Manual Entry |
| Auth User Id | listbox | number | false | API feed list box selection |
| Generated On | textbox | string | false | Manual Entry |
| Otp Code | textbox | string | false | Manual Entry |
| Is Used | checkbox | boolean | false | Manual Entry |
| Expiration | textbox | string | false | Manual Entry |
| Device Id | textbox | string | false | Manual Entry |
| Audit Trail Id | hidden | number | true | Manual Entry |

### **Screen API Details:**

|  |  |  |
| --- | --- | --- |
| API Name | Method | API URI |
| get\_reset\_otps | get | /api/v1/get\_reset\_otps |
| create\_reset\_otp | post | /api/v1/create\_reset\_otp |
| update\_reset\_otp | put | /api/v1/update\_reset\_otp |
| delete\_reset\_otp | delete | /api/v1/delete\_reset\_otp |
| get\_auth\_users | get | /api/v1/get\_auth\_users |

### 

|  |  |  |  |
| --- | --- | --- | --- |
| API Name | Request Payload | Response Payload | Request Headers |
| get\_reset\_otps | {} | {"data":{"audit\_trail\_id":"bigint","reset\_otp\_id":"integer","device\_id":"text","expiration":"timestamp without time zone","generated\_on":"timestamp without time zone","otp\_code":"character varying","auth\_user\_id":"integer","is\_used":"boolean"}} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| create\_reset\_otp | {"data":{"audit\_trail\_id":"bigint","reset\_otp\_id":"integer","device\_id":"text","expiration":"timestamp without time zone","generated\_on":"timestamp without time zone","otp\_code":"character varying","auth\_user\_id":"integer","is\_used":"boolean"}} | {"message":"Record created","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| update\_reset\_otp | {"data":{"audit\_trail\_id":"bigint","reset\_otp\_id":"integer","device\_id":"text","expiration":"timestamp without time zone","generated\_on":"timestamp without time zone","otp\_code":"character varying","auth\_user\_id":"integer","is\_used":"boolean"}} | {"message":"Record updated","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| delete\_reset\_otp | {"id":"integer"} | {"message":"Record deleted","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| get\_auth\_users | {"id":"integer"} | {"data":"array of auth\_user"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |

### **Database Script Details:**

|  |  |
| --- | --- |
| Script Name | Database Script |
| get\_reset\_otp\_by\_id | SELECT t.reset\_otp\_id, t.auth\_user\_id, t.generated\_on, t.otp\_code, t.is\_used, t.expiration, t.device\_id, t.audit\_trail\_id, f\_auth\_user.auth\_user\_name FROM authn.reset\_otp t LEFT JOIN authn.auth\_user f\_auth\_user ON t.auth\_user\_id = f\_auth\_user.auth\_user\_id WHERE t.reset\_otp\_id = quote\_nullable(i\_reset\_otp\_id); |
| get\_all\_reset\_otps | SELECT t.reset\_otp\_id, t.auth\_user\_id, t.generated\_on, t.otp\_code, t.is\_used, t.expiration, t.device\_id, t.audit\_trail\_id, f\_auth\_user.auth\_user\_name FROM authn.reset\_otp t LEFT JOIN authn.auth\_user f\_auth\_user ON t.auth\_user\_id = f\_auth\_user.auth\_user\_id ; |
| custom\_update\_reset\_otp | UPDATE authn.reset\_otp SET reset\_otp\_id = quote\_nullable(i\_reset\_otp\_id), auth\_user\_id = quote\_nullable(i\_auth\_user\_id), generated\_on = quote\_nullable(i\_generated\_on), otp\_code = quote\_nullable(i\_otp\_code), is\_used = quote\_nullable(i\_is\_used), expiration = quote\_nullable(i\_expiration), device\_id = quote\_nullable(i\_device\_id), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id) WHERE <custom\_conditions>; |
| unique\_reset\_otp\_exists | SELECT 1 FROM authn.reset\_otp WHERE <unique\_conditions> LIMIT 1; |
| update\_reset\_otp | UPDATE authn.reset\_otp SET reset\_otp\_id = quote\_nullable(i\_reset\_otp\_id), auth\_user\_id = quote\_nullable(i\_auth\_user\_id), generated\_on = quote\_nullable(i\_generated\_on), otp\_code = quote\_nullable(i\_otp\_code), is\_used = quote\_nullable(i\_is\_used), expiration = quote\_nullable(i\_expiration), device\_id = quote\_nullable(i\_device\_id), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id) WHERE reset\_otp\_id = quote\_nullable(i\_reset\_otp\_id); |
| custom\_search\_reset\_otp\_by\_id | SELECT t.reset\_otp\_id, t.auth\_user\_id, t.generated\_on, t.otp\_code, t.is\_used, t.expiration, t.device\_id, t.audit\_trail\_id, f\_auth\_user.auth\_user\_name FROM authn.reset\_otp t LEFT JOIN authn.auth\_user f\_auth\_user ON t.auth\_user\_id = f\_auth\_user.auth\_user\_id WHERE <custom\_search\_conditions>; |
| custom\_delete\_reset\_otp\_by\_id | DELETE FROM authn.reset\_otp WHERE <custom\_conditions>; |
| create\_reset\_otp | INSERT INTO authn.reset\_otp (t.reset\_otp\_id, t.auth\_user\_id, t.generated\_on, t.otp\_code, t.is\_used, t.expiration, t.device\_id, t.audit\_trail\_id) VALUES (i\_reset\_otp\_id, i\_auth\_user\_id, i\_generated\_on, i\_otp\_code, i\_is\_used, i\_expiration, i\_device\_id, i\_audit\_trail\_id); |
| delete\_reset\_otp\_by\_id | DELETE FROM authn.reset\_otp WHERE reset\_otp\_id = quote\_nullable(i\_reset\_otp\_id); |

### **Security Details:**

|  |  |
| --- | --- |
| Security Area | Details |
| Authorization | Roles : [Admin] , [Super Admin] , [System Admin] |
| Authentication | Bearer Token received upon succesful login passed as Request Header parameter in each API. |

## **Screen Name: Role Permission Hist**

### **Database Table Name: role\_permission\_hist**

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| role\_permission\_hist\_id | integer | role\_permission\_hist\_pkey (PRIMARY KEY), |
| role\_id | smallint - (Numeric Precision: 16) | role\_permission\_hist\_role\_id\_fkey (FOREIGN KEY), |
| permission\_id | smallint - (Numeric Precision: 16) | role\_permission\_hist\_permission\_id\_fkey (FOREIGN KEY), |
| granted\_on | timestamp without time zone | null |
| is\_active | boolean | null |
| audit\_trail\_id | bigint - (Numeric Precision: 64) | null |

### **Screen Input Details:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Control Name | Control Type | Data Type | Mandatory | Data Source |
| Role Permission Hist Id | hidden | number | true | Manual Entry |
| Role Id | listbox | number | true | API feed list box selection |
| Permission Id | listbox | number | true | API feed list box selection |
| Granted On | textbox | string | false | Manual Entry |
| Is Active | checkbox | boolean | false | Manual Entry |
| Audit Trail Id | hidden | number | true | Manual Entry |

### **Screen API Details:**

|  |  |  |
| --- | --- | --- |
| API Name | Method | API URI |
| get\_role\_permission\_hists | get | /api/v1/get\_role\_permission\_hists |
| create\_role\_permission\_hist | post | /api/v1/create\_role\_permission\_hist |
| update\_role\_permission\_hist | put | /api/v1/update\_role\_permission\_hist |
| delete\_role\_permission\_hist | delete | /api/v1/delete\_role\_permission\_hist |
| get\_permissions | get | /api/v1/get\_permissions |
| get\_roles | get | /api/v1/get\_roles |

### 

|  |  |  |  |
| --- | --- | --- | --- |
| API Name | Request Payload | Response Payload | Request Headers |
| get\_role\_permission\_hists | {} | {"data":{"audit\_trail\_id":"bigint","role\_permission\_hist\_id":"integer","is\_active":"boolean","role\_id":"smallint","granted\_on":"timestamp without time zone","permission\_id":"smallint"}} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| create\_role\_permission\_hist | {"data":{"audit\_trail\_id":"bigint","role\_permission\_hist\_id":"integer","is\_active":"boolean","role\_id":"smallint","granted\_on":"timestamp without time zone","permission\_id":"smallint"}} | {"message":"Record created","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| update\_role\_permission\_hist | {"data":{"audit\_trail\_id":"bigint","role\_permission\_hist\_id":"integer","is\_active":"boolean","role\_id":"smallint","granted\_on":"timestamp without time zone","permission\_id":"smallint"}} | {"message":"Record updated","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| delete\_role\_permission\_hist | {"id":"integer"} | {"message":"Record deleted","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| get\_permissions | {"id":"integer"} | {"data":"array of permission"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| get\_roles | {"id":"integer"} | {"data":"array of role"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |

### **Database Script Details:**

|  |  |
| --- | --- |
| Script Name | Database Script |
| create\_role\_permission\_hist | INSERT INTO authn.role\_permission\_hist (t.role\_permission\_hist\_id, t.role\_id, t.permission\_id, t.granted\_on, t.is\_active, t.audit\_trail\_id) VALUES (i\_role\_permission\_hist\_id, i\_role\_id, i\_permission\_id, i\_granted\_on, i\_is\_active, i\_audit\_trail\_id); |
| delete\_role\_permission\_hist\_by\_id | DELETE FROM authn.role\_permission\_hist WHERE role\_permission\_hist\_id = quote\_nullable(i\_role\_permission\_hist\_id); |
| get\_all\_role\_permission\_hists | SELECT t.role\_permission\_hist\_id, t.role\_id, t.permission\_id, t.granted\_on, t.is\_active, t.audit\_trail\_id, f\_permission.permission\_name, f\_role.role\_name FROM authn.role\_permission\_hist t LEFT JOIN authn.permission f\_permission ON t.permission\_id = f\_permission.permission\_id LEFT JOIN authn.role f\_role ON t.role\_id = f\_role.role\_id ; |
| unique\_role\_permission\_hist\_exists | SELECT 1 FROM authn.role\_permission\_hist WHERE <unique\_conditions> LIMIT 1; |
| update\_role\_permission\_hist | UPDATE authn.role\_permission\_hist SET role\_permission\_hist\_id = quote\_nullable(i\_role\_permission\_hist\_id), role\_id = quote\_nullable(i\_role\_id), permission\_id = quote\_nullable(i\_permission\_id), granted\_on = quote\_nullable(i\_granted\_on), is\_active = quote\_nullable(i\_is\_active), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id) WHERE role\_permission\_hist\_id = quote\_nullable(i\_role\_permission\_hist\_id); |
| custom\_delete\_role\_permission\_hist\_by\_id | DELETE FROM authn.role\_permission\_hist WHERE <custom\_conditions>; |
| custom\_update\_role\_permission\_hist | UPDATE authn.role\_permission\_hist SET role\_permission\_hist\_id = quote\_nullable(i\_role\_permission\_hist\_id), role\_id = quote\_nullable(i\_role\_id), permission\_id = quote\_nullable(i\_permission\_id), granted\_on = quote\_nullable(i\_granted\_on), is\_active = quote\_nullable(i\_is\_active), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id) WHERE <custom\_conditions>; |
| get\_role\_permission\_hist\_by\_id | SELECT t.role\_permission\_hist\_id, t.role\_id, t.permission\_id, t.granted\_on, t.is\_active, t.audit\_trail\_id, f\_permission.permission\_name, f\_role.role\_name FROM authn.role\_permission\_hist t LEFT JOIN authn.permission f\_permission ON t.permission\_id = f\_permission.permission\_id LEFT JOIN authn.role f\_role ON t.role\_id = f\_role.role\_id WHERE t.role\_permission\_hist\_id = quote\_nullable(i\_role\_permission\_hist\_id); |
| custom\_search\_role\_permission\_hist\_by\_id | SELECT t.role\_permission\_hist\_id, t.role\_id, t.permission\_id, t.granted\_on, t.is\_active, t.audit\_trail\_id, f\_permission.permission\_name, f\_role.role\_name FROM authn.role\_permission\_hist t LEFT JOIN authn.permission f\_permission ON t.permission\_id = f\_permission.permission\_id LEFT JOIN authn.role f\_role ON t.role\_id = f\_role.role\_id WHERE <custom\_search\_conditions>; |

### **Security Details:**

|  |  |
| --- | --- |
| Security Area | Details |
| Authorization | Roles : [Admin] , [Super Admin] , [System Admin] |
| Authentication | Bearer Token received upon succesful login passed as Request Header parameter in each API. |

## **Screen Name: Role Permission**

### **Database Table Name: role\_permission**

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| role\_permission\_id | integer | role\_permission\_pkey (PRIMARY KEY), |
| role\_id | smallint - (Numeric Precision: 16) | role\_permission\_role\_id\_fkey (FOREIGN KEY), |
| menu\_id | smallint - (Numeric Precision: 16) | role\_permission\_menu\_id\_fkey (FOREIGN KEY), |
| permission\_id | smallint - (Numeric Precision: 16) | role\_permission\_permission\_id\_fkey (FOREIGN KEY), |
| audit\_trail\_id | bigint - (Numeric Precision: 64) | null |
| media\_link | text | null |
| is\_active | boolean | null |

### **Screen Input Details:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Control Name | Control Type | Data Type | Mandatory | Data Source |
| Role Permission Id | hidden | number | true | Manual Entry |
| Role Id | listbox | number | true | API feed list box selection |
| Menu Id | listbox | number | true | API feed list box selection |
| Permission Id | listbox | number | true | API feed list box selection |
| Audit Trail Id | hidden | number | true | Manual Entry |
| Media Link | textbox | string | false | Manual Entry |
| Is Active | checkbox | boolean | false | Manual Entry |

### **Screen API Details:**

|  |  |  |
| --- | --- | --- |
| API Name | Method | API URI |
| get\_role\_permissions | get | /api/v1/get\_role\_permissions |
| create\_role\_permission | post | /api/v1/create\_role\_permission |
| update\_role\_permission | put | /api/v1/update\_role\_permission |
| delete\_role\_permission | delete | /api/v1/delete\_role\_permission |
| get\_menus | get | /api/v1/get\_menus |
| get\_permissions | get | /api/v1/get\_permissions |
| get\_roles | get | /api/v1/get\_roles |

### 

|  |  |  |  |
| --- | --- | --- | --- |
| API Name | Request Payload | Response Payload | Request Headers |
| get\_role\_permissions | {} | {"data":{"audit\_trail\_id":"bigint","is\_active":"boolean","role\_id":"smallint","media\_link":"text","permission\_id":"smallint","menu\_id":"smallint","role\_permission\_id":"integer"}} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| create\_role\_permission | {"data":{"audit\_trail\_id":"bigint","is\_active":"boolean","role\_id":"smallint","media\_link":"text","permission\_id":"smallint","menu\_id":"smallint","role\_permission\_id":"integer"}} | {"message":"Record created","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| update\_role\_permission | {"data":{"audit\_trail\_id":"bigint","is\_active":"boolean","role\_id":"smallint","media\_link":"text","permission\_id":"smallint","menu\_id":"smallint","role\_permission\_id":"integer"}} | {"message":"Record updated","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| delete\_role\_permission | {"id":"integer"} | {"message":"Record deleted","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| get\_menus | {"id":"integer"} | {"data":"array of menu"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| get\_permissions | {"id":"integer"} | {"data":"array of permission"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| get\_roles | {"id":"integer"} | {"data":"array of role"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |

### **Database Script Details:**

|  |  |
| --- | --- |
| Script Name | Database Script |
| delete\_role\_permission\_by\_id | DELETE FROM authn.role\_permission WHERE role\_permission\_id = quote\_nullable(i\_role\_permission\_id); |
| update\_role\_permission | UPDATE authn.role\_permission SET role\_permission\_id = quote\_nullable(i\_role\_permission\_id), role\_id = quote\_nullable(i\_role\_id), menu\_id = quote\_nullable(i\_menu\_id), permission\_id = quote\_nullable(i\_permission\_id), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id), media\_link = quote\_nullable(i\_media\_link), is\_active = quote\_nullable(i\_is\_active) WHERE role\_permission\_id = quote\_nullable(i\_role\_permission\_id); |
| custom\_update\_role\_permission | UPDATE authn.role\_permission SET role\_permission\_id = quote\_nullable(i\_role\_permission\_id), role\_id = quote\_nullable(i\_role\_id), menu\_id = quote\_nullable(i\_menu\_id), permission\_id = quote\_nullable(i\_permission\_id), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id), media\_link = quote\_nullable(i\_media\_link), is\_active = quote\_nullable(i\_is\_active) WHERE <custom\_conditions>; |
| unique\_role\_permission\_exists | SELECT 1 FROM authn.role\_permission WHERE <unique\_conditions> LIMIT 1; |
| custom\_delete\_role\_permission\_by\_id | DELETE FROM authn.role\_permission WHERE <custom\_conditions>; |
| get\_role\_permission\_by\_id | SELECT t.role\_permission\_id, t.role\_id, t.menu\_id, t.permission\_id, t.audit\_trail\_id, t.media\_link, t.is\_active, f\_menu.menu\_name, f\_permission.permission\_name, f\_role.role\_name FROM authn.role\_permission t LEFT JOIN authn.menu f\_menu ON t.menu\_id = f\_menu.menu\_id LEFT JOIN authn.permission f\_permission ON t.permission\_id = f\_permission.permission\_id LEFT JOIN authn.role f\_role ON t.role\_id = f\_role.role\_id WHERE t.role\_permission\_id = quote\_nullable(i\_role\_permission\_id); |
| create\_role\_permission | INSERT INTO authn.role\_permission (t.role\_permission\_id, t.role\_id, t.menu\_id, t.permission\_id, t.audit\_trail\_id, t.media\_link, t.is\_active) VALUES (i\_role\_permission\_id, i\_role\_id, i\_menu\_id, i\_permission\_id, i\_audit\_trail\_id, i\_media\_link, i\_is\_active); |
| custom\_search\_role\_permission\_by\_id | SELECT t.role\_permission\_id, t.role\_id, t.menu\_id, t.permission\_id, t.audit\_trail\_id, t.media\_link, t.is\_active, f\_menu.menu\_name, f\_permission.permission\_name, f\_role.role\_name FROM authn.role\_permission t LEFT JOIN authn.menu f\_menu ON t.menu\_id = f\_menu.menu\_id LEFT JOIN authn.permission f\_permission ON t.permission\_id = f\_permission.permission\_id LEFT JOIN authn.role f\_role ON t.role\_id = f\_role.role\_id WHERE <custom\_search\_conditions>; |
| get\_all\_role\_permissions | SELECT t.role\_permission\_id, t.role\_id, t.menu\_id, t.permission\_id, t.audit\_trail\_id, t.media\_link, t.is\_active, f\_menu.menu\_name, f\_permission.permission\_name, f\_role.role\_name FROM authn.role\_permission t LEFT JOIN authn.menu f\_menu ON t.menu\_id = f\_menu.menu\_id LEFT JOIN authn.permission f\_permission ON t.permission\_id = f\_permission.permission\_id LEFT JOIN authn.role f\_role ON t.role\_id = f\_role.role\_id ; |

### **Security Details:**

|  |  |
| --- | --- |
| Security Area | Details |
| Authorization | Roles : [Admin] , [Super Admin] , [System Admin] |
| Authentication | Bearer Token received upon succesful login passed as Request Header parameter in each API. |

## **Screen Name: Session Info**

### **Database Table Name: session\_info**

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| session\_info\_id | bigint - (Numeric Precision: 64) | session\_info\_pkey (PRIMARY KEY), |
| auth\_user\_id | integer | session\_info\_auth\_user\_id\_fkey (FOREIGN KEY), |
| session\_token | character varying | session\_info\_session\_token\_key (UNIQUE), |
| device\_id | text | null |
| generated\_on | timestamp without time zone | null |
| expiration | timestamp without time zone | null |
| is\_active | boolean | null |
| audit\_trail\_id | bigint - (Numeric Precision: 64) | null |

### **Screen Input Details:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Control Name | Control Type | Data Type | Mandatory | Data Source |
| Session Info Id | hidden | number | true | Manual Entry |
| Auth User Id | listbox | number | true | API feed list box selection |
| Session Token | textbox | string | true | Manual Entry |
| Device Id | textbox | string | false | Manual Entry |
| Generated On | textbox | string | false | Manual Entry |
| Expiration | textbox | string | false | Manual Entry |
| Is Active | checkbox | boolean | false | Manual Entry |
| Audit Trail Id | hidden | number | true | Manual Entry |

### **Screen API Details:**

|  |  |  |
| --- | --- | --- |
| API Name | Method | API URI |
| get\_session\_infos | get | /api/v1/get\_session\_infos |
| create\_session\_info | post | /api/v1/create\_session\_info |
| update\_session\_info | put | /api/v1/update\_session\_info |
| delete\_session\_info | delete | /api/v1/delete\_session\_info |
| get\_auth\_users | get | /api/v1/get\_auth\_users |

### 

|  |  |  |  |
| --- | --- | --- | --- |
| API Name | Request Payload | Response Payload | Request Headers |
| get\_session\_infos | {} | {"data":{"session\_token":"character varying","audit\_trail\_id":"bigint","is\_active":"boolean","device\_id":"text","session\_info\_id":"bigint","expiration":"timestamp without time zone","generated\_on":"timestamp without time zone","auth\_user\_id":"integer"}} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| create\_session\_info | {"data":{"session\_token":"character varying","audit\_trail\_id":"bigint","is\_active":"boolean","device\_id":"text","session\_info\_id":"bigint","expiration":"timestamp without time zone","generated\_on":"timestamp without time zone","auth\_user\_id":"integer"}} | {"message":"Record created","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| update\_session\_info | {"data":{"session\_token":"character varying","audit\_trail\_id":"bigint","is\_active":"boolean","device\_id":"text","session\_info\_id":"bigint","expiration":"timestamp without time zone","generated\_on":"timestamp without time zone","auth\_user\_id":"integer"}} | {"message":"Record updated","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| delete\_session\_info | {"id":"integer"} | {"message":"Record deleted","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| get\_auth\_users | {"id":"integer"} | {"data":"array of auth\_user"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |

### **Database Script Details:**

|  |  |
| --- | --- |
| Script Name | Database Script |
| get\_all\_session\_infos | SELECT t.session\_info\_id, t.auth\_user\_id, t.session\_token, t.device\_id, t.generated\_on, t.expiration, t.is\_active, t.audit\_trail\_id, f\_auth\_user.auth\_user\_name FROM authn.session\_info t LEFT JOIN authn.auth\_user f\_auth\_user ON t.auth\_user\_id = f\_auth\_user.auth\_user\_id ; |
| custom\_search\_session\_info\_by\_id | SELECT t.session\_info\_id, t.auth\_user\_id, t.session\_token, t.device\_id, t.generated\_on, t.expiration, t.is\_active, t.audit\_trail\_id, f\_auth\_user.auth\_user\_name FROM authn.session\_info t LEFT JOIN authn.auth\_user f\_auth\_user ON t.auth\_user\_id = f\_auth\_user.auth\_user\_id WHERE <custom\_search\_conditions>; |
| get\_session\_info\_by\_id | SELECT t.session\_info\_id, t.auth\_user\_id, t.session\_token, t.device\_id, t.generated\_on, t.expiration, t.is\_active, t.audit\_trail\_id, f\_auth\_user.auth\_user\_name FROM authn.session\_info t LEFT JOIN authn.auth\_user f\_auth\_user ON t.auth\_user\_id = f\_auth\_user.auth\_user\_id WHERE t.session\_info\_id = quote\_nullable(i\_session\_info\_id); |
| delete\_session\_info\_by\_id | DELETE FROM authn.session\_info WHERE session\_info\_id = quote\_nullable(i\_session\_info\_id); |
| custom\_delete\_session\_info\_by\_id | DELETE FROM authn.session\_info WHERE <custom\_conditions>; |
| custom\_update\_session\_info | UPDATE authn.session\_info SET session\_info\_id = quote\_nullable(i\_session\_info\_id), auth\_user\_id = quote\_nullable(i\_auth\_user\_id), session\_token = quote\_nullable(i\_session\_token), device\_id = quote\_nullable(i\_device\_id), generated\_on = quote\_nullable(i\_generated\_on), expiration = quote\_nullable(i\_expiration), is\_active = quote\_nullable(i\_is\_active), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id) WHERE <custom\_conditions>; |
| update\_session\_info | UPDATE authn.session\_info SET session\_info\_id = quote\_nullable(i\_session\_info\_id), auth\_user\_id = quote\_nullable(i\_auth\_user\_id), session\_token = quote\_nullable(i\_session\_token), device\_id = quote\_nullable(i\_device\_id), generated\_on = quote\_nullable(i\_generated\_on), expiration = quote\_nullable(i\_expiration), is\_active = quote\_nullable(i\_is\_active), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id) WHERE session\_info\_id = quote\_nullable(i\_session\_info\_id); |
| unique\_session\_info\_exists | SELECT 1 FROM authn.session\_info WHERE <unique\_conditions> LIMIT 1; |
| create\_session\_info | INSERT INTO authn.session\_info (t.session\_info\_id, t.auth\_user\_id, t.session\_token, t.device\_id, t.generated\_on, t.expiration, t.is\_active, t.audit\_trail\_id) VALUES (i\_session\_info\_id, i\_auth\_user\_id, i\_session\_token, i\_device\_id, i\_generated\_on, i\_expiration, i\_is\_active, i\_audit\_trail\_id); |

### **Security Details:**

|  |  |
| --- | --- |
| Security Area | Details |
| Authorization | Roles : [Admin] , [Super Admin] , [System Admin] |
| Authentication | Bearer Token received upon succesful login passed as Request Header parameter in each API. |

## **Screen Name: Session Info Hist**

### **Database Table Name: session\_info\_hist**

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| session\_info\_hist\_id | bigint - (Numeric Precision: 64) | session\_info\_hist\_pkey (PRIMARY KEY), |
| session\_info\_id | integer | session\_info\_hist\_session\_info\_id\_fkey (FOREIGN KEY), |
| auth\_user\_id | integer | session\_info\_hist\_auth\_user\_id\_fkey (FOREIGN KEY), |
| device\_id | text | null |
| session\_token | character varying | null |
| generated\_on | timestamp without time zone | null |
| expiration | timestamp without time zone | null |
| is\_active | boolean | null |
| audit\_trail\_id | bigint - (Numeric Precision: 64) | null |

### **Screen Input Details:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Control Name | Control Type | Data Type | Mandatory | Data Source |
| Session Info Hist Id | hidden | number | true | Manual Entry |
| Session Info Id | listbox | number | true | API feed list box selection |
| Auth User Id | listbox | number | true | API feed list box selection |
| Device Id | textbox | string | false | Manual Entry |
| Session Token | textbox | string | false | Manual Entry |
| Generated On | textbox | string | false | Manual Entry |
| Expiration | textbox | string | false | Manual Entry |
| Is Active | checkbox | boolean | false | Manual Entry |
| Audit Trail Id | hidden | number | true | Manual Entry |

### **Screen API Details:**

|  |  |  |
| --- | --- | --- |
| API Name | Method | API URI |
| get\_session\_info\_hists | get | /api/v1/get\_session\_info\_hists |
| create\_session\_info\_hist | post | /api/v1/create\_session\_info\_hist |
| update\_session\_info\_hist | put | /api/v1/update\_session\_info\_hist |
| delete\_session\_info\_hist | delete | /api/v1/delete\_session\_info\_hist |
| get\_auth\_users | get | /api/v1/get\_auth\_users |
| get\_session\_infos | get | /api/v1/get\_session\_infos |

### 

|  |  |  |  |
| --- | --- | --- | --- |
| API Name | Request Payload | Response Payload | Request Headers |
| get\_session\_info\_hists | {} | {"data":{"session\_token":"character varying","audit\_trail\_id":"bigint","is\_active":"boolean","device\_id":"text","session\_info\_hist\_id":"bigint","session\_info\_id":"integer","expiration":"timestamp without time zone","generated\_on":"timestamp without time zone","auth\_user\_id":"integer"}} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| create\_session\_info\_hist | {"data":{"session\_token":"character varying","audit\_trail\_id":"bigint","is\_active":"boolean","device\_id":"text","session\_info\_hist\_id":"bigint","session\_info\_id":"integer","expiration":"timestamp without time zone","generated\_on":"timestamp without time zone","auth\_user\_id":"integer"}} | {"message":"Record created","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| update\_session\_info\_hist | {"data":{"session\_token":"character varying","audit\_trail\_id":"bigint","is\_active":"boolean","device\_id":"text","session\_info\_hist\_id":"bigint","session\_info\_id":"integer","expiration":"timestamp without time zone","generated\_on":"timestamp without time zone","auth\_user\_id":"integer"}} | {"message":"Record updated","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| delete\_session\_info\_hist | {"id":"integer"} | {"message":"Record deleted","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| get\_auth\_users | {"id":"integer"} | {"data":"array of auth\_user"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| get\_session\_infos | {"id":"integer"} | {"data":"array of session\_info"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |

### **Database Script Details:**

|  |  |
| --- | --- |
| Script Name | Database Script |
| create\_session\_info\_hist | INSERT INTO authn.session\_info\_hist (t.session\_info\_hist\_id, t.session\_info\_id, t.auth\_user\_id, t.device\_id, t.session\_token, t.generated\_on, t.expiration, t.is\_active, t.audit\_trail\_id) VALUES (i\_session\_info\_hist\_id, i\_session\_info\_id, i\_auth\_user\_id, i\_device\_id, i\_session\_token, i\_generated\_on, i\_expiration, i\_is\_active, i\_audit\_trail\_id); |
| update\_session\_info\_hist | UPDATE authn.session\_info\_hist SET session\_info\_hist\_id = quote\_nullable(i\_session\_info\_hist\_id), session\_info\_id = quote\_nullable(i\_session\_info\_id), auth\_user\_id = quote\_nullable(i\_auth\_user\_id), device\_id = quote\_nullable(i\_device\_id), session\_token = quote\_nullable(i\_session\_token), generated\_on = quote\_nullable(i\_generated\_on), expiration = quote\_nullable(i\_expiration), is\_active = quote\_nullable(i\_is\_active), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id) WHERE session\_info\_hist\_id = quote\_nullable(i\_session\_info\_hist\_id); |
| custom\_delete\_session\_info\_hist\_by\_id | DELETE FROM authn.session\_info\_hist WHERE <custom\_conditions>; |
| get\_all\_session\_info\_hists | SELECT t.session\_info\_hist\_id, t.session\_info\_id, t.auth\_user\_id, t.device\_id, t.session\_token, t.generated\_on, t.expiration, t.is\_active, t.audit\_trail\_id, f\_auth\_user.auth\_user\_name FROM authn.session\_info\_hist t LEFT JOIN authn.auth\_user f\_auth\_user ON t.auth\_user\_id = f\_auth\_user.auth\_user\_id ; |
| unique\_session\_info\_hist\_exists | SELECT 1 FROM authn.session\_info\_hist WHERE <unique\_conditions> LIMIT 1; |
| custom\_search\_session\_info\_hist\_by\_id | SELECT t.session\_info\_hist\_id, t.session\_info\_id, t.auth\_user\_id, t.device\_id, t.session\_token, t.generated\_on, t.expiration, t.is\_active, t.audit\_trail\_id, f\_auth\_user.auth\_user\_name FROM authn.session\_info\_hist t LEFT JOIN authn.auth\_user f\_auth\_user ON t.auth\_user\_id = f\_auth\_user.auth\_user\_id WHERE <custom\_search\_conditions>; |
| get\_session\_info\_hist\_by\_id | SELECT t.session\_info\_hist\_id, t.session\_info\_id, t.auth\_user\_id, t.device\_id, t.session\_token, t.generated\_on, t.expiration, t.is\_active, t.audit\_trail\_id, f\_auth\_user.auth\_user\_name FROM authn.session\_info\_hist t LEFT JOIN authn.auth\_user f\_auth\_user ON t.auth\_user\_id = f\_auth\_user.auth\_user\_id WHERE t.session\_info\_hist\_id = quote\_nullable(i\_session\_info\_hist\_id); |
| delete\_session\_info\_hist\_by\_id | DELETE FROM authn.session\_info\_hist WHERE session\_info\_hist\_id = quote\_nullable(i\_session\_info\_hist\_id); |
| custom\_update\_session\_info\_hist | UPDATE authn.session\_info\_hist SET session\_info\_hist\_id = quote\_nullable(i\_session\_info\_hist\_id), session\_info\_id = quote\_nullable(i\_session\_info\_id), auth\_user\_id = quote\_nullable(i\_auth\_user\_id), device\_id = quote\_nullable(i\_device\_id), session\_token = quote\_nullable(i\_session\_token), generated\_on = quote\_nullable(i\_generated\_on), expiration = quote\_nullable(i\_expiration), is\_active = quote\_nullable(i\_is\_active), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id) WHERE <custom\_conditions>; |

### **Security Details:**

|  |  |
| --- | --- |
| Security Area | Details |
| Authorization | Roles : [Admin] , [Super Admin] , [System Admin] |
| Authentication | Bearer Token received upon succesful login passed as Request Header parameter in each API. |

## **Screen Name: Signin Info**

### **Database Table Name: signin\_info**

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| signin\_info\_id | bigint - (Numeric Precision: 64) | signin\_info\_pkey (PRIMARY KEY), |
| auth\_user\_id | integer | signin\_info\_auth\_user\_id\_fkey (FOREIGN KEY), |
| device\_id | text | null |
| push\_token | character varying | null |
| generated\_on | timestamp without time zone | null |
| is\_active | boolean | null |
| audit\_trail\_id | bigint - (Numeric Precision: 64) | null |

### **Screen Input Details:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Control Name | Control Type | Data Type | Mandatory | Data Source |
| Signin Info Id | hidden | number | true | Manual Entry |
| Auth User Id | listbox | number | false | API feed list box selection |
| Device Id | textbox | string | false | Manual Entry |
| Push Token | textbox | string | false | Manual Entry |
| Generated On | textbox | string | false | Manual Entry |
| Is Active | checkbox | boolean | false | Manual Entry |
| Audit Trail Id | hidden | number | true | Manual Entry |

### **Screen API Details:**

|  |  |  |
| --- | --- | --- |
| API Name | Method | API URI |
| get\_signin\_infos | get | /api/v1/get\_signin\_infos |
| create\_signin\_info | post | /api/v1/create\_signin\_info |
| update\_signin\_info | put | /api/v1/update\_signin\_info |
| delete\_signin\_info | delete | /api/v1/delete\_signin\_info |
| get\_auth\_users | get | /api/v1/get\_auth\_users |

### 

|  |  |  |  |
| --- | --- | --- | --- |
| API Name | Request Payload | Response Payload | Request Headers |
| get\_signin\_infos | {} | {"data":{"audit\_trail\_id":"bigint","is\_active":"boolean","device\_id":"text","signin\_info\_id":"bigint","generated\_on":"timestamp without time zone","auth\_user\_id":"integer","push\_token":"character varying"}} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| create\_signin\_info | {"data":{"audit\_trail\_id":"bigint","is\_active":"boolean","device\_id":"text","signin\_info\_id":"bigint","generated\_on":"timestamp without time zone","auth\_user\_id":"integer","push\_token":"character varying"}} | {"message":"Record created","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| update\_signin\_info | {"data":{"audit\_trail\_id":"bigint","is\_active":"boolean","device\_id":"text","signin\_info\_id":"bigint","generated\_on":"timestamp without time zone","auth\_user\_id":"integer","push\_token":"character varying"}} | {"message":"Record updated","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| delete\_signin\_info | {"id":"integer"} | {"message":"Record deleted","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| get\_auth\_users | {"id":"integer"} | {"data":"array of auth\_user"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |

### **Database Script Details:**

|  |  |
| --- | --- |
| Script Name | Database Script |
| get\_all\_signin\_infos | SELECT t.signin\_info\_id, t.auth\_user\_id, t.device\_id, t.push\_token, t.generated\_on, t.is\_active, t.audit\_trail\_id, f\_auth\_user.auth\_user\_name FROM authn.signin\_info t LEFT JOIN authn.auth\_user f\_auth\_user ON t.auth\_user\_id = f\_auth\_user.auth\_user\_id ; |
| unique\_signin\_info\_exists | SELECT 1 FROM authn.signin\_info WHERE <unique\_conditions> LIMIT 1; |
| custom\_update\_signin\_info | UPDATE authn.signin\_info SET signin\_info\_id = quote\_nullable(i\_signin\_info\_id), auth\_user\_id = quote\_nullable(i\_auth\_user\_id), device\_id = quote\_nullable(i\_device\_id), push\_token = quote\_nullable(i\_push\_token), generated\_on = quote\_nullable(i\_generated\_on), is\_active = quote\_nullable(i\_is\_active), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id) WHERE <custom\_conditions>; |
| custom\_delete\_signin\_info\_by\_id | DELETE FROM authn.signin\_info WHERE <custom\_conditions>; |
| get\_signin\_info\_by\_id | SELECT t.signin\_info\_id, t.auth\_user\_id, t.device\_id, t.push\_token, t.generated\_on, t.is\_active, t.audit\_trail\_id, f\_auth\_user.auth\_user\_name FROM authn.signin\_info t LEFT JOIN authn.auth\_user f\_auth\_user ON t.auth\_user\_id = f\_auth\_user.auth\_user\_id WHERE t.signin\_info\_id = quote\_nullable(i\_signin\_info\_id); |
| update\_signin\_info | UPDATE authn.signin\_info SET signin\_info\_id = quote\_nullable(i\_signin\_info\_id), auth\_user\_id = quote\_nullable(i\_auth\_user\_id), device\_id = quote\_nullable(i\_device\_id), push\_token = quote\_nullable(i\_push\_token), generated\_on = quote\_nullable(i\_generated\_on), is\_active = quote\_nullable(i\_is\_active), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id) WHERE signin\_info\_id = quote\_nullable(i\_signin\_info\_id); |
| create\_signin\_info | INSERT INTO authn.signin\_info (t.signin\_info\_id, t.auth\_user\_id, t.device\_id, t.push\_token, t.generated\_on, t.is\_active, t.audit\_trail\_id) VALUES (i\_signin\_info\_id, i\_auth\_user\_id, i\_device\_id, i\_push\_token, i\_generated\_on, i\_is\_active, i\_audit\_trail\_id); |
| delete\_signin\_info\_by\_id | DELETE FROM authn.signin\_info WHERE signin\_info\_id = quote\_nullable(i\_signin\_info\_id); |
| custom\_search\_signin\_info\_by\_id | SELECT t.signin\_info\_id, t.auth\_user\_id, t.device\_id, t.push\_token, t.generated\_on, t.is\_active, t.audit\_trail\_id, f\_auth\_user.auth\_user\_name FROM authn.signin\_info t LEFT JOIN authn.auth\_user f\_auth\_user ON t.auth\_user\_id = f\_auth\_user.auth\_user\_id WHERE <custom\_search\_conditions>; |

### **Security Details:**

|  |  |
| --- | --- |
| Security Area | Details |
| Authorization | Roles : [Admin] , [Super Admin] , [System Admin] |
| Authentication | Bearer Token received upon succesful login passed as Request Header parameter in each API. |

## **Screen Name: Signin Info Hist**

### **Database Table Name: signin\_info\_hist**

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| signin\_info\_hist\_id | bigint - (Numeric Precision: 64) | signin\_info\_hist\_pkey (PRIMARY KEY), |
| signin\_info\_id | integer | null |
| auth\_user\_id | integer | signin\_info\_hist\_auth\_user\_id\_fkey (FOREIGN KEY), |
| device\_id | text | null |
| push\_token | text | null |
| service\_token | character varying | null |
| sms\_token | character varying | null |
| generated\_on | timestamp without time zone | null |
| is\_active | boolean | null |
| audit\_trail\_id | bigint - (Numeric Precision: 64) | null |

### **Screen Input Details:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Control Name | Control Type | Data Type | Mandatory | Data Source |
| Signin Info Hist Id | hidden | number | true | Manual Entry |
| Signin Info Id | textbox | number | false | Manual Entry |
| Auth User Id | listbox | number | false | API feed list box selection |
| Device Id | textbox | string | false | Manual Entry |
| Push Token | textbox | string | false | Manual Entry |
| Service Token | textbox | string | false | Manual Entry |
| Sms Token | textbox | string | false | Manual Entry |
| Generated On | textbox | string | false | Manual Entry |
| Is Active | checkbox | boolean | false | Manual Entry |
| Audit Trail Id | hidden | number | true | Manual Entry |

### **Screen API Details:**

|  |  |  |
| --- | --- | --- |
| API Name | Method | API URI |
| get\_signin\_info\_hists | get | /api/v1/get\_signin\_info\_hists |
| create\_signin\_info\_hist | post | /api/v1/create\_signin\_info\_hist |
| update\_signin\_info\_hist | put | /api/v1/update\_signin\_info\_hist |
| delete\_signin\_info\_hist | delete | /api/v1/delete\_signin\_info\_hist |
| get\_auth\_users | get | /api/v1/get\_auth\_users |

### 

|  |  |  |  |
| --- | --- | --- | --- |
| API Name | Request Payload | Response Payload | Request Headers |
| get\_signin\_info\_hists | {} | {"data":{"audit\_trail\_id":"bigint","is\_active":"boolean","device\_id":"text","signin\_info\_hist\_id":"bigint","signin\_info\_id":"integer","generated\_on":"timestamp without time zone","auth\_user\_id":"integer","service\_token":"character varying","sms\_token":"character varying","push\_token":"text"}} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| create\_signin\_info\_hist | {"data":{"audit\_trail\_id":"bigint","is\_active":"boolean","device\_id":"text","signin\_info\_hist\_id":"bigint","signin\_info\_id":"integer","generated\_on":"timestamp without time zone","auth\_user\_id":"integer","service\_token":"character varying","sms\_token":"character varying","push\_token":"text"}} | {"message":"Record created","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| update\_signin\_info\_hist | {"data":{"audit\_trail\_id":"bigint","is\_active":"boolean","device\_id":"text","signin\_info\_hist\_id":"bigint","signin\_info\_id":"integer","generated\_on":"timestamp without time zone","auth\_user\_id":"integer","service\_token":"character varying","sms\_token":"character varying","push\_token":"text"}} | {"message":"Record updated","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| delete\_signin\_info\_hist | {"id":"integer"} | {"message":"Record deleted","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| get\_auth\_users | {"id":"integer"} | {"data":"array of auth\_user"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |

### **Database Script Details:**

|  |  |
| --- | --- |
| Script Name | Database Script |
| get\_all\_signin\_info\_hists | SELECT t.signin\_info\_hist\_id, t.signin\_info\_id, t.auth\_user\_id, t.device\_id, t.push\_token, t.service\_token, t.sms\_token, t.generated\_on, t.is\_active, t.audit\_trail\_id, f\_auth\_user.auth\_user\_name FROM authn.signin\_info\_hist t LEFT JOIN authn.auth\_user f\_auth\_user ON t.auth\_user\_id = f\_auth\_user.auth\_user\_id ; |
| get\_signin\_info\_hist\_by\_id | SELECT t.signin\_info\_hist\_id, t.signin\_info\_id, t.auth\_user\_id, t.device\_id, t.push\_token, t.service\_token, t.sms\_token, t.generated\_on, t.is\_active, t.audit\_trail\_id, f\_auth\_user.auth\_user\_name FROM authn.signin\_info\_hist t LEFT JOIN authn.auth\_user f\_auth\_user ON t.auth\_user\_id = f\_auth\_user.auth\_user\_id WHERE t.signin\_info\_hist\_id = quote\_nullable(i\_signin\_info\_hist\_id); |
| custom\_delete\_signin\_info\_hist\_by\_id | DELETE FROM authn.signin\_info\_hist WHERE <custom\_conditions>; |
| update\_signin\_info\_hist | UPDATE authn.signin\_info\_hist SET signin\_info\_hist\_id = quote\_nullable(i\_signin\_info\_hist\_id), signin\_info\_id = quote\_nullable(i\_signin\_info\_id), auth\_user\_id = quote\_nullable(i\_auth\_user\_id), device\_id = quote\_nullable(i\_device\_id), push\_token = quote\_nullable(i\_push\_token), service\_token = quote\_nullable(i\_service\_token), sms\_token = quote\_nullable(i\_sms\_token), generated\_on = quote\_nullable(i\_generated\_on), is\_active = quote\_nullable(i\_is\_active), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id) WHERE signin\_info\_hist\_id = quote\_nullable(i\_signin\_info\_hist\_id); |
| delete\_signin\_info\_hist\_by\_id | DELETE FROM authn.signin\_info\_hist WHERE signin\_info\_hist\_id = quote\_nullable(i\_signin\_info\_hist\_id); |
| custom\_update\_signin\_info\_hist | UPDATE authn.signin\_info\_hist SET signin\_info\_hist\_id = quote\_nullable(i\_signin\_info\_hist\_id), signin\_info\_id = quote\_nullable(i\_signin\_info\_id), auth\_user\_id = quote\_nullable(i\_auth\_user\_id), device\_id = quote\_nullable(i\_device\_id), push\_token = quote\_nullable(i\_push\_token), service\_token = quote\_nullable(i\_service\_token), sms\_token = quote\_nullable(i\_sms\_token), generated\_on = quote\_nullable(i\_generated\_on), is\_active = quote\_nullable(i\_is\_active), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id) WHERE <custom\_conditions>; |
| unique\_signin\_info\_hist\_exists | SELECT 1 FROM authn.signin\_info\_hist WHERE <unique\_conditions> LIMIT 1; |
| custom\_search\_signin\_info\_hist\_by\_id | SELECT t.signin\_info\_hist\_id, t.signin\_info\_id, t.auth\_user\_id, t.device\_id, t.push\_token, t.service\_token, t.sms\_token, t.generated\_on, t.is\_active, t.audit\_trail\_id, f\_auth\_user.auth\_user\_name FROM authn.signin\_info\_hist t LEFT JOIN authn.auth\_user f\_auth\_user ON t.auth\_user\_id = f\_auth\_user.auth\_user\_id WHERE <custom\_search\_conditions>; |
| create\_signin\_info\_hist | INSERT INTO authn.signin\_info\_hist (t.signin\_info\_hist\_id, t.signin\_info\_id, t.auth\_user\_id, t.device\_id, t.push\_token, t.service\_token, t.sms\_token, t.generated\_on, t.is\_active, t.audit\_trail\_id) VALUES (i\_signin\_info\_hist\_id, i\_signin\_info\_id, i\_auth\_user\_id, i\_device\_id, i\_push\_token, i\_service\_token, i\_sms\_token, i\_generated\_on, i\_is\_active, i\_audit\_trail\_id); |

### **Security Details:**

|  |  |
| --- | --- |
| Security Area | Details |
| Authorization | Roles : [Admin] , [Super Admin] , [System Admin] |
| Authentication | Bearer Token received upon succesful login passed as Request Header parameter in each API. |

## **Screen Name: Tokens**

### **Database Table Name: tokens**

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| token\_id | bigint - (Numeric Precision: 64) | tokens\_pkey (PRIMARY KEY), |
| auth\_user\_id | integer | tokens\_auth\_user\_id\_fkey (FOREIGN KEY), |
| token\_value | text | tokens\_token\_value\_key (UNIQUE), |
| token\_type | character varying | null |
| created\_on | timestamp without time zone | null |
| expires\_on | timestamp without time zone | null |
| is\_active | boolean | null |
| audit\_trail\_id | bigint - (Numeric Precision: 64) | null |

### **Screen Input Details:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Control Name | Control Type | Data Type | Mandatory | Data Source |
| Token Id | hidden | number | true | Manual Entry |
| Auth User Id | listbox | number | true | API feed list box selection |
| Token Value | textbox | string | true | Manual Entry |
| Token Type | textbox | string | true | Manual Entry |
| Created On | textbox | string | false | Manual Entry |
| Expires On | textbox | string | false | Manual Entry |
| Is Active | checkbox | boolean | false | Manual Entry |
| Audit Trail Id | hidden | number | true | Manual Entry |

### **Screen API Details:**

|  |  |  |
| --- | --- | --- |
| API Name | Method | API URI |
| get\_tokenss | get | /api/v1/get\_tokenss |
| create\_tokens | post | /api/v1/create\_tokens |
| update\_tokens | put | /api/v1/update\_tokens |
| delete\_tokens | delete | /api/v1/delete\_tokens |
| get\_auth\_users | get | /api/v1/get\_auth\_users |

### 

|  |  |  |  |
| --- | --- | --- | --- |
| API Name | Request Payload | Response Payload | Request Headers |
| get\_tokenss | {} | {"data":{"audit\_trail\_id":"bigint","is\_active":"boolean","token\_id":"bigint","created\_on":"timestamp without time zone","expires\_on":"timestamp without time zone","token\_value":"text","token\_type":"character varying","auth\_user\_id":"integer"}} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| create\_tokens | {"data":{"audit\_trail\_id":"bigint","is\_active":"boolean","token\_id":"bigint","created\_on":"timestamp without time zone","expires\_on":"timestamp without time zone","token\_value":"text","token\_type":"character varying","auth\_user\_id":"integer"}} | {"message":"Record created","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| update\_tokens | {"data":{"audit\_trail\_id":"bigint","is\_active":"boolean","token\_id":"bigint","created\_on":"timestamp without time zone","expires\_on":"timestamp without time zone","token\_value":"text","token\_type":"character varying","auth\_user\_id":"integer"}} | {"message":"Record updated","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| delete\_tokens | {"id":"integer"} | {"message":"Record deleted","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| get\_auth\_users | {"id":"integer"} | {"data":"array of auth\_user"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |

### **Database Script Details:**

|  |  |
| --- | --- |
| Script Name | Database Script |
| create\_tokens | INSERT INTO authn.tokens (t.token\_id, t.auth\_user\_id, t.token\_value, t.token\_type, t.created\_on, t.expires\_on, t.is\_active, t.audit\_trail\_id) VALUES (i\_token\_id, i\_auth\_user\_id, i\_token\_value, i\_token\_type, i\_created\_on, i\_expires\_on, i\_is\_active, i\_audit\_trail\_id); |
| delete\_tokens\_by\_id | DELETE FROM authn.tokens WHERE token\_id = quote\_nullable(i\_token\_id); |
| unique\_tokens\_exists | SELECT 1 FROM authn.tokens WHERE <unique\_conditions> LIMIT 1; |
| custom\_delete\_tokens\_by\_id | DELETE FROM authn.tokens WHERE <custom\_conditions>; |
| custom\_search\_tokens\_by\_id | SELECT t.token\_id, t.auth\_user\_id, t.token\_value, t.token\_type, t.created\_on, t.expires\_on, t.is\_active, t.audit\_trail\_id, f\_auth\_user.auth\_user\_name FROM authn.tokens t LEFT JOIN authn.auth\_user f\_auth\_user ON t.auth\_user\_id = f\_auth\_user.auth\_user\_id WHERE <custom\_search\_conditions>; |
| get\_tokens\_by\_id | SELECT t.token\_id, t.auth\_user\_id, t.token\_value, t.token\_type, t.created\_on, t.expires\_on, t.is\_active, t.audit\_trail\_id, f\_auth\_user.auth\_user\_name FROM authn.tokens t LEFT JOIN authn.auth\_user f\_auth\_user ON t.auth\_user\_id = f\_auth\_user.auth\_user\_id WHERE t.token\_id = quote\_nullable(i\_token\_id); |
| get\_all\_tokenss | SELECT t.token\_id, t.auth\_user\_id, t.token\_value, t.token\_type, t.created\_on, t.expires\_on, t.is\_active, t.audit\_trail\_id, f\_auth\_user.auth\_user\_name FROM authn.tokens t LEFT JOIN authn.auth\_user f\_auth\_user ON t.auth\_user\_id = f\_auth\_user.auth\_user\_id ; |
| update\_tokens | UPDATE authn.tokens SET token\_id = quote\_nullable(i\_token\_id), auth\_user\_id = quote\_nullable(i\_auth\_user\_id), token\_value = quote\_nullable(i\_token\_value), token\_type = quote\_nullable(i\_token\_type), created\_on = quote\_nullable(i\_created\_on), expires\_on = quote\_nullable(i\_expires\_on), is\_active = quote\_nullable(i\_is\_active), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id) WHERE token\_id = quote\_nullable(i\_token\_id); |
| custom\_update\_tokens | UPDATE authn.tokens SET token\_id = quote\_nullable(i\_token\_id), auth\_user\_id = quote\_nullable(i\_auth\_user\_id), token\_value = quote\_nullable(i\_token\_value), token\_type = quote\_nullable(i\_token\_type), created\_on = quote\_nullable(i\_created\_on), expires\_on = quote\_nullable(i\_expires\_on), is\_active = quote\_nullable(i\_is\_active), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id) WHERE <custom\_conditions>; |

### **Security Details:**

|  |  |
| --- | --- |
| Security Area | Details |
| Authorization | Roles : [Admin] , [Super Admin] , [System Admin] |
| Authentication | Bearer Token received upon succesful login passed as Request Header parameter in each API. |

## **Screen Name: User Permission Hist**

### **Database Table Name: user\_permission\_hist**

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| user\_permission\_hist\_id | integer | user\_permission\_hist\_pkey (PRIMARY KEY), |
| auth\_user\_id | integer | user\_permission\_hist\_auth\_user\_id\_fkey (FOREIGN KEY), |
| permission\_id | smallint - (Numeric Precision: 16) | user\_permission\_hist\_permission\_id\_fkey (FOREIGN KEY), |
| granted\_on | timestamp without time zone | null |
| is\_active | boolean | null |
| audit\_trail\_id | integer | null |

### **Screen Input Details:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Control Name | Control Type | Data Type | Mandatory | Data Source |
| User Permission Hist Id | hidden | number | true | Manual Entry |
| Auth User Id | listbox | number | true | API feed list box selection |
| Permission Id | listbox | number | true | API feed list box selection |
| Granted On | textbox | string | false | Manual Entry |
| Is Active | checkbox | boolean | false | Manual Entry |
| Audit Trail Id | hidden | number | true | Manual Entry |

### **Screen API Details:**

|  |  |  |
| --- | --- | --- |
| API Name | Method | API URI |
| get\_user\_permission\_hists | get | /api/v1/get\_user\_permission\_hists |
| create\_user\_permission\_hist | post | /api/v1/create\_user\_permission\_hist |
| update\_user\_permission\_hist | put | /api/v1/update\_user\_permission\_hist |
| delete\_user\_permission\_hist | delete | /api/v1/delete\_user\_permission\_hist |
| get\_auth\_users | get | /api/v1/get\_auth\_users |
| get\_permissions | get | /api/v1/get\_permissions |

### 

|  |  |  |  |
| --- | --- | --- | --- |
| API Name | Request Payload | Response Payload | Request Headers |
| get\_user\_permission\_hists | {} | {"data":{"audit\_trail\_id":"integer","is\_active":"boolean","user\_permission\_hist\_id":"integer","granted\_on":"timestamp without time zone","auth\_user\_id":"integer","permission\_id":"smallint"}} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| create\_user\_permission\_hist | {"data":{"audit\_trail\_id":"integer","is\_active":"boolean","user\_permission\_hist\_id":"integer","granted\_on":"timestamp without time zone","auth\_user\_id":"integer","permission\_id":"smallint"}} | {"message":"Record created","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| update\_user\_permission\_hist | {"data":{"audit\_trail\_id":"integer","is\_active":"boolean","user\_permission\_hist\_id":"integer","granted\_on":"timestamp without time zone","auth\_user\_id":"integer","permission\_id":"smallint"}} | {"message":"Record updated","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| delete\_user\_permission\_hist | {"id":"integer"} | {"message":"Record deleted","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| get\_auth\_users | {"id":"integer"} | {"data":"array of auth\_user"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| get\_permissions | {"id":"integer"} | {"data":"array of permission"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |

### **Database Script Details:**

|  |  |
| --- | --- |
| Script Name | Database Script |
| get\_user\_permission\_hist\_by\_id | SELECT t.user\_permission\_hist\_id, t.auth\_user\_id, t.permission\_id, t.granted\_on, t.is\_active, t.audit\_trail\_id, f\_auth\_user.auth\_user\_name, f\_permission.permission\_name FROM authn.user\_permission\_hist t LEFT JOIN authn.auth\_user f\_auth\_user ON t.auth\_user\_id = f\_auth\_user.auth\_user\_id LEFT JOIN authn.permission f\_permission ON t.permission\_id = f\_permission.permission\_id WHERE t.user\_permission\_hist\_id = quote\_nullable(i\_user\_permission\_hist\_id); |
| custom\_search\_user\_permission\_hist\_by\_id | SELECT t.user\_permission\_hist\_id, t.auth\_user\_id, t.permission\_id, t.granted\_on, t.is\_active, t.audit\_trail\_id, f\_auth\_user.auth\_user\_name, f\_permission.permission\_name FROM authn.user\_permission\_hist t LEFT JOIN authn.auth\_user f\_auth\_user ON t.auth\_user\_id = f\_auth\_user.auth\_user\_id LEFT JOIN authn.permission f\_permission ON t.permission\_id = f\_permission.permission\_id WHERE <custom\_search\_conditions>; |
| update\_user\_permission\_hist | UPDATE authn.user\_permission\_hist SET user\_permission\_hist\_id = quote\_nullable(i\_user\_permission\_hist\_id), auth\_user\_id = quote\_nullable(i\_auth\_user\_id), permission\_id = quote\_nullable(i\_permission\_id), granted\_on = quote\_nullable(i\_granted\_on), is\_active = quote\_nullable(i\_is\_active), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id) WHERE user\_permission\_hist\_id = quote\_nullable(i\_user\_permission\_hist\_id); |
| get\_all\_user\_permission\_hists | SELECT t.user\_permission\_hist\_id, t.auth\_user\_id, t.permission\_id, t.granted\_on, t.is\_active, t.audit\_trail\_id, f\_auth\_user.auth\_user\_name, f\_permission.permission\_name FROM authn.user\_permission\_hist t LEFT JOIN authn.auth\_user f\_auth\_user ON t.auth\_user\_id = f\_auth\_user.auth\_user\_id LEFT JOIN authn.permission f\_permission ON t.permission\_id = f\_permission.permission\_id ; |
| custom\_update\_user\_permission\_hist | UPDATE authn.user\_permission\_hist SET user\_permission\_hist\_id = quote\_nullable(i\_user\_permission\_hist\_id), auth\_user\_id = quote\_nullable(i\_auth\_user\_id), permission\_id = quote\_nullable(i\_permission\_id), granted\_on = quote\_nullable(i\_granted\_on), is\_active = quote\_nullable(i\_is\_active), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id) WHERE <custom\_conditions>; |
| custom\_delete\_user\_permission\_hist\_by\_id | DELETE FROM authn.user\_permission\_hist WHERE <custom\_conditions>; |
| delete\_user\_permission\_hist\_by\_id | DELETE FROM authn.user\_permission\_hist WHERE user\_permission\_hist\_id = quote\_nullable(i\_user\_permission\_hist\_id); |
| unique\_user\_permission\_hist\_exists | SELECT 1 FROM authn.user\_permission\_hist WHERE <unique\_conditions> LIMIT 1; |
| create\_user\_permission\_hist | INSERT INTO authn.user\_permission\_hist (t.user\_permission\_hist\_id, t.auth\_user\_id, t.permission\_id, t.granted\_on, t.is\_active, t.audit\_trail\_id) VALUES (i\_user\_permission\_hist\_id, i\_auth\_user\_id, i\_permission\_id, i\_granted\_on, i\_is\_active, i\_audit\_trail\_id); |

### **Security Details:**

|  |  |
| --- | --- |
| Security Area | Details |
| Authorization | Roles : [Admin] , [Super Admin] , [System Admin] |
| Authentication | Bearer Token received upon succesful login passed as Request Header parameter in each API. |

## **Screen Name: User Role Hist**

### **Database Table Name: user\_role\_hist**

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraints |
| user\_role\_hist\_id | integer | user\_role\_hist\_pkey (PRIMARY KEY), |
| auth\_user\_id | integer | user\_role\_hist\_auth\_user\_id\_fkey (FOREIGN KEY), |
| role\_id | smallint - (Numeric Precision: 16) | user\_role\_hist\_role\_id\_fkey (FOREIGN KEY), |
| assigned\_on | timestamp without time zone | null |
| is\_active | boolean | null |
| audit\_trail\_id | bigint - (Numeric Precision: 64) | null |

### **Screen Input Details:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Control Name | Control Type | Data Type | Mandatory | Data Source |
| User Role Hist Id | hidden | number | true | Manual Entry |
| Auth User Id | listbox | number | true | API feed list box selection |
| Role Id | listbox | number | true | API feed list box selection |
| Assigned On | textbox | string | false | Manual Entry |
| Is Active | checkbox | boolean | false | Manual Entry |
| Audit Trail Id | hidden | number | true | Manual Entry |

### **Screen API Details:**

|  |  |  |
| --- | --- | --- |
| API Name | Method | API URI |
| get\_user\_role\_hists | get | /api/v1/get\_user\_role\_hists |
| create\_user\_role\_hist | post | /api/v1/create\_user\_role\_hist |
| update\_user\_role\_hist | put | /api/v1/update\_user\_role\_hist |
| delete\_user\_role\_hist | delete | /api/v1/delete\_user\_role\_hist |
| get\_auth\_users | get | /api/v1/get\_auth\_users |
| get\_roles | get | /api/v1/get\_roles |

### 

|  |  |  |  |
| --- | --- | --- | --- |
| API Name | Request Payload | Response Payload | Request Headers |
| get\_user\_role\_hists | {} | {"data":{"audit\_trail\_id":"bigint","is\_active":"boolean","assigned\_on":"timestamp without time zone","role\_id":"smallint","auth\_user\_id":"integer","user\_role\_hist\_id":"integer"}} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| create\_user\_role\_hist | {"data":{"audit\_trail\_id":"bigint","is\_active":"boolean","assigned\_on":"timestamp without time zone","role\_id":"smallint","auth\_user\_id":"integer","user\_role\_hist\_id":"integer"}} | {"message":"Record created","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| update\_user\_role\_hist | {"data":{"audit\_trail\_id":"bigint","is\_active":"boolean","assigned\_on":"timestamp without time zone","role\_id":"smallint","auth\_user\_id":"integer","user\_role\_hist\_id":"integer"}} | {"message":"Record updated","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| delete\_user\_role\_hist | {"id":"integer"} | {"message":"Record deleted","status":"success"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| get\_auth\_users | {"id":"integer"} | {"data":"array of auth\_user"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |
| get\_roles | {"id":"integer"} | {"data":"array of role"} | {"Authorization":"Bearer <token>","Accept":"application/json","X-Request-ID":"unique-request-id","User-Agent":"MyApp/1.0.0","Content-Type":"application/json","X-API-Version":"v1"} |

### **Database Script Details:**

|  |  |
| --- | --- |
| Script Name | Database Script |
| custom\_search\_user\_role\_hist\_by\_id | SELECT t.user\_role\_hist\_id, t.auth\_user\_id, t.role\_id, t.assigned\_on, t.is\_active, t.audit\_trail\_id, f\_auth\_user.auth\_user\_name, f\_role.role\_name FROM authn.user\_role\_hist t LEFT JOIN authn.auth\_user f\_auth\_user ON t.auth\_user\_id = f\_auth\_user.auth\_user\_id LEFT JOIN authn.role f\_role ON t.role\_id = f\_role.role\_id WHERE <custom\_search\_conditions>; |
| custom\_update\_user\_role\_hist | UPDATE authn.user\_role\_hist SET user\_role\_hist\_id = quote\_nullable(i\_user\_role\_hist\_id), auth\_user\_id = quote\_nullable(i\_auth\_user\_id), role\_id = quote\_nullable(i\_role\_id), assigned\_on = quote\_nullable(i\_assigned\_on), is\_active = quote\_nullable(i\_is\_active), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id) WHERE <custom\_conditions>; |
| create\_user\_role\_hist | INSERT INTO authn.user\_role\_hist (t.user\_role\_hist\_id, t.auth\_user\_id, t.role\_id, t.assigned\_on, t.is\_active, t.audit\_trail\_id) VALUES (i\_user\_role\_hist\_id, i\_auth\_user\_id, i\_role\_id, i\_assigned\_on, i\_is\_active, i\_audit\_trail\_id); |
| update\_user\_role\_hist | UPDATE authn.user\_role\_hist SET user\_role\_hist\_id = quote\_nullable(i\_user\_role\_hist\_id), auth\_user\_id = quote\_nullable(i\_auth\_user\_id), role\_id = quote\_nullable(i\_role\_id), assigned\_on = quote\_nullable(i\_assigned\_on), is\_active = quote\_nullable(i\_is\_active), audit\_trail\_id = quote\_nullable(i\_audit\_trail\_id) WHERE user\_role\_hist\_id = quote\_nullable(i\_user\_role\_hist\_id); |
| get\_user\_role\_hist\_by\_id | SELECT t.user\_role\_hist\_id, t.auth\_user\_id, t.role\_id, t.assigned\_on, t.is\_active, t.audit\_trail\_id, f\_auth\_user.auth\_user\_name, f\_role.role\_name FROM authn.user\_role\_hist t LEFT JOIN authn.auth\_user f\_auth\_user ON t.auth\_user\_id = f\_auth\_user.auth\_user\_id LEFT JOIN authn.role f\_role ON t.role\_id = f\_role.role\_id WHERE t.user\_role\_hist\_id = quote\_nullable(i\_user\_role\_hist\_id); |
| get\_all\_user\_role\_hists | SELECT t.user\_role\_hist\_id, t.auth\_user\_id, t.role\_id, t.assigned\_on, t.is\_active, t.audit\_trail\_id, f\_auth\_user.auth\_user\_name, f\_role.role\_name FROM authn.user\_role\_hist t LEFT JOIN authn.auth\_user f\_auth\_user ON t.auth\_user\_id = f\_auth\_user.auth\_user\_id LEFT JOIN authn.role f\_role ON t.role\_id = f\_role.role\_id ; |
| delete\_user\_role\_hist\_by\_id | DELETE FROM authn.user\_role\_hist WHERE user\_role\_hist\_id = quote\_nullable(i\_user\_role\_hist\_id); |
| unique\_user\_role\_hist\_exists | SELECT 1 FROM authn.user\_role\_hist WHERE <unique\_conditions> LIMIT 1; |
| custom\_delete\_user\_role\_hist\_by\_id | DELETE FROM authn.user\_role\_hist WHERE <custom\_conditions>; |

### **Security Details:**

|  |  |
| --- | --- |
| Security Area | Details |
| Authorization | Roles : [Admin] , [Super Admin] , [System Admin] |
| Authentication | Bearer Token received upon succesful login passed as Request Header parameter in each API. |