Default Layout 17-03-2024 by DbSchema.com - Wise Coders

is primary

given nm

family_nm

phone_no

upd_dtm

upd_user_guid

email_address_dsc

Ministry of Housing Short Term Rental Data Sharing Physical Data Diagram (Sprint 2) Leif Larsen, DXC Technology March 15, 2024



bigint organization_id organization_type varchar(25) organization_cd varchar(25) organization_nm varchar(250) local_government_geometry geometry

managing_organization_id bigint upd_dtm timestamptz

upd_user_guid uuid

dss_user_identity_fk_representing

dss_organization_fk_managed_by

dss_email_message_fk_involving

bigint

uuid

contacted_through_organization_id bigint>

dss_organization_contact_person

bigint

boolean

varchar(25)

varchar(25) varchar(13)

varchar(250)

timestamptz

uuid

organization contact person id

dss_user_identity

user_identity_id user_guid display_nm varchar(250) identity_provider_nm varchar(25)

is_enabled boolean varchar(25) access_request_status_dsc access_request_dtm timestamptz

access_request_justification_txt varchar(250) given nm varchar(25) family_nm varchar(25)

varchar(320) email_address_dsc business nm varchar(250) terms_acceptance_dtm timestamptz

represented_by_organization_id bigint

upd_dtm timestamptz upd_user_guid uuid

dss email message

bigint perpendicular = perpendi varchar(50) email_message_type message_delivery_dtm timestamptz message template dsc varchar(4000) message_reason_dsc varchar(250) unreported_listing_url varchar(250) host email address dsc varchar(250) varchar(250) cc email address dsc initiating_user_identity_id bigint* affected_by_user_identity_id bigint* involved_in_organization_id bigint*

dss_user_role_assignment_fk_granted_to

dss_email_message_fk_initiated_by

dss_email_message_fk_affecting

dss_user_role dss_user_role_assignment_fk_granted

user_role_id bigint varchar(25) user_role_cd user_role_nm varchar(250)

dss_user_role_privilege_fk_conferred_by

dss_user_privilege

privilege id bigint privilege cd varchar(25) varchar(250) privilege_nm

dss_user_role_assignment

user_role_assignment_id bigint user_identity_id bigint* user_role_id bigint*

dss_user_role_privilege

user_role_privilege_id bigint user_privilege_id bigint* user role id bigint*

dss_user_role_privilege_fk_conferring

Default Layout

| Table | e dss_email_message | | |
|---------|--|--|---|
| ldx | Name | Data Type | Description |
| A mes | ssage that is sent to one or more re | cipients via email | |
| * Pk | email_message_id | bigint GENERATED ALWAYS AS IDENTITY | Unique generated key |
| * | email_message_type | varchar(50) | Business term for the type or purpose of the message (e.g. Notice of Takedown, Takedown Request, Delisting Warning, Delisting Request, Access Granted Notification, Access Denied Notification) |
| * | message_delivery_dtm | timestamptz | A timestamp indicating when the message delivery was initiated |
| * | message_template_dsc | varchar(4000) | The full text or template for the message that is sent |
| | message_reason_dsc | varchar(250) | A description of the justification for initiating the message |
| | unreported_listing_url | varchar(250) | User-provided URL for a short-term rental platform listing that is the subject of the message |
| | host_email_address_dsc | varchar(250) | E-mail address of a short term rental host (directly entered by the user as a message recipient) |
| | cc_email_address_dsc | varchar(250) | E-mail address of a secondary message recipient (directly entered by the user) |
| * | initiating_user_identity_id | bigint | Foreign key |
| | affected_by_user_identity_id | bigint | Foreign key |
| | involved_in_organization_id | bigint | Foreign key |
| Indexes | | | |
| Туре | Name | On | Description |
| Pk | dss_email_message_pk | email_message_id | |
| Forei | gn Keys | | |
| Type | Name | On | Description |
| | dss_email_message_fk_initiated_ initiating_user_identity_id) ref dss user_identity_id) | _by(s_user_identity(| |
| | dss_email_message_fk_affecting affected_by_user_identity_id) ref user_identity_id) | | |
| | dss_email_message_fk_involving involved_in_organization_id) refo organization_id) | (dss_organization(| |
| Const | traints | | |
| | Name | Definition | Description |
| | dss_email_message_ck | email_message_type in ('Notice of Takedown','Takedown Request','Delisting Warning','Delisting Request','Access Granted Notification','Access Denied Notification') | |
| | | | |

| Table dss_organization | | | | |
|------------------------|---|--|---|--|
| ldx | Name | Data Type | Description | |
| A priv | A private company or governing body that plays a role in short term rental reporting or enforcement | | | |
| * Pk | organization_id | bigint GENERATED ALWAYS AS IDENTITY | Unique generated key | |
| * | organization_type | varchar(25) | a level of government or business category | |
| * | organization_cd | varchar(25) | An immutable system code that identifies the organization (e.g. CEU, AIRBNB) | |
| * | organization_nm | varchar(250) | A human-readable name that identifies the organization (e.g. Corporate Enforecement Unit, City of Victoria) | |
| | local_government_geometry | geometry | the shape identifying the boundaries of a local government | |

| Table | Table dss_organization | | | |
|--------|--|--|--|--|
| | managing_organization_id | bigint | Self-referential hierarchical foreign key | |
| * | upd_dtm | timestamptz | Trigger-updated timestamp of last change | |
| | upd_user_guid | uuid | The globally unique identifier (assigned by the identity provider) for the most recent user to record a change | |
| Indexe | es | | | |
| Туре | Name | On | Description | |
| Pk | dss_organization_pk | organization_id | | |
| Foreig | n Keys | | | |
| Туре | Name | On | Description | |
| | dss_organization_fk_managed_by managing_organization_id) ref ds organization_id) | (s_organization (| | |
| Const | raints | | | |
| | Name | Definition | Description | |
| | dss_organization_ck | organization_type in ('BCGov','LG','Platform') | | |
| Trigge | ers | | | |
| | Name | Definition | Description | |
| | dss_organization_br_iu_tr.sql | | | |

| Toble | dos organization contact r | oroon | |
|--------|---|---|--|
| | e dss_organization_contact_r | | D 14 |
| ldx | Name | Data Type | Description |
| - | erson who has been identified as a notable contact for a particular organization | | |
| * Pk | organization_contact_person_id | bigint GENERATED ALWAYS AS IDENTITY | Unique generated key |
| * | is_primary | boolean | Indicates whether the contact should receive all communications directed at the organization |
| * | given_nm | varchar(25) | A name given to a person so that they can easily be identified among their family members (in some cultures, this is often the first name) |
| * | family_nm | varchar(25) | A name that is often shared amongst members of the same family (commonly known as a surname within some cultures) |
| * | phone_no | varchar(13) | Phone number given for the contact by the organization (contains only digits) |
| * | email_address_dsc | varchar(250) | E-mail address given for the contact by the organization |
| * | contacted_through_organization_i | bigint | Foreign key |
| * | upd_dtm | timestamptz | Trigger-updated timestamp of last change |
| | upd_user_guid | uuid | The globally unique identifier (assigned by the identity provider) for the most recent user to record a change |
| Indexe | es | | |
| Туре | Name | On | Description |
| Pk | dss_organization_contact_person _pk | organization_contact_pers on_id | |
| Foreig | ın Keys | | |
| Туре | Name | On | Description |
| | dss_organization_contact_person_contacted_through_organization_icorganization_id) | _fk_contacted_for (d) ref dss_organization (| |
| Trigge | ers | | |
| | Name | Definition | Description |
| | dss_organization_contact_person _br_iu_tr.sql | | |
| | | | |

| Table | e dss_user_identity | | | |
|--------|---|---|--|--|
| ldx | Name | Data Type | Description | |
| An ext | n externally defined domain directory object representing a potential application user or group | | | |
| * Pk | user_identity_id | bigint GENERATED ALWAYS AS IDENTITY | Unique generated key | |
| * | user_guid | uuid | An immutable unique identifier assigned by the identity provider | |
| * | display_nm | varchar(250) | A human-readable full name that is assigned by the identity provider (this may include a preferred name and/or business unit name) | |
| * | identity_provider_nm | varchar(25) | A directory or domain that authenticates system users to allow access to the application or its API (e.g. idir, bceidbusiness) | |
| * | is_enabled | boolean | Indicates whether access is currently permitted using this identity | |
| * | access_request_status_dsc | varchar(25) | The current status of the most recent access request made by the user (restricted to Requested, Approved, or Denied) | |
| | access_request_dtm | timestamptz | A timestamp indicating when the most recent access request was made by the user | |
| | access_request_justification_txt | varchar(250) | The most recent user-provided reason for requesting application access | |
| | given_nm | varchar(25) | A name given to a person so that they can easily be identified among their family members (in some cultures, this is often the first name) | |
| | family_nm | varchar(25) | A name that is often shared amongst members of the same family (commonly known as a surname within some cultures) | |
| | email_address_dsc | varchar(320) | E-mail address associated with the user by the identity provider | |
| | business_nm | varchar(250) | A human-readable organization name that is associated with the use by the identity provider | |
| | terms_acceptance_dtm | timestamptz | A timestamp indicating when the user most recently accepted the published Terms and Conditions of application access | |
| | represented_by_organization_id | bigint | Foreign key | |
| * | upd_dtm | timestamptz | Trigger-updated timestamp of last change | |
| | upd_user_guid | uuid | The globally unique identifier (assigned by the identity provider) for the most recent user to record a change | |
| Indexe | es | | | |
| Туре | Name | On | Description | |
| Pk | dss_user_identity_pk | user_identity_id | | |
| Foreig | ın Keys | | | |
| Туре | Name | On | Description | |
| | dss_user_identity_fk_representing represented_by_organization_id) organization_id) | g(ref dss_organization(| | |
| Const | raints | | | |
| | Name | Definition | Description | |
| | dss_user_identity_ck | access_request_status_ds c in ('Requested','Approved','D enied') | | |
| Trigge | ers | | | |
| | Name | Definition | Description | |
| | dss_user_identity_br_iu_tr.sql | | | |

| Table dss_user_privilege | | | | |
|---|--|--|--|--|
| Name | Data Type | Description | | |
| A granular access right or privilege within the application that may be granted to a role | | | | |
| user_privilege_id | bigint GENERATED ALWAYS AS IDENTITY | Unique generated key | | |
| privilege_cd | varchar(25) | The immutable system code that identifies the privilege | | |
| privilege_nm | varchar(250) | The human-readable name that is given for the role | | |
| | Name nular access right or privilege within user_privilege_id privilege_cd | Name Data Type nular access right or privilege within the application that may be user_privilege_id bigint GENERATED ALWAYS AS IDENTITY privilege_cd varchar(25) | | |

| Table dss_user_privi | leae - |
|----------------------|--------|

Type Name On Description

Pk dss_user_privilege_pk user_privilege_id

Table dss_user_role

dx Name Data Type Description

A set of access rights and privileges within the application that may be granted to users

* Pk user_role_id bigint GENERATED Unique generated key

AĽWAYS AS IDENTITY

* user_role_cd varchar(25) The immutable system code that identifies the role

user_role_nm varchar(250) The human-readable name that is given for the role

Indexes

Type Name On Description

Pk dss_user_role_pk user_role_id

Table dss_user_role_assignment

Idx Name Data Type Description

The association of a grantee credential to a role for the purpose of conveying application privileges

* Pk user_role_assignment_id bigint GENERATED Unique generated key

ALWAYS AS IDENTITY

* user_identity_id bigint Foreign key

user_role_id bigint Foreign key

Indexes

Type Name On Description

Pk dss_user_role_assignment_pk user_role_assignment_id

Foreign Keys

Type Name On Description

dss_user_role_assignment_fk_granted (user_role_id) ref

dss_user_role (user_role_id)

dss_user_role_assignment_fk_granted_to (user_identity_id)

ref dss_user_identity (user_identity_id)

Table dss_user_role_privilege

The association of a granular application privilege to a role

* Pk user_role_privilege_id bigint GENERATED Unique generated key ALWAYS AS IDENTITY

user_privilege_id bigint Foreign key

user_role_id bigint Foreign key

Indexes

Type Name On Description

Pk dss_user_role_privilege_pk user_role_privilege_id

Foreign Keys

Type Name On Description

dss_user_role_privilege_fk_conferred_by (user_role_id) ref

dss_user_role (user_role_id)

dss_user_role_privilege_fk_conferring (user_privilege_id) ref

dss_user_privilege (user_privilege_id)