Ministry of Housing
Short Term Rental Data Sharing
Physical Data Diagram (Sprint 6)
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dss_email_message_type
- email_message_type varchar(50)
- email_message_type_nm varchar(250)

dss_email_message
- email_message_id bigint
- email_message_type varchar(50)
- message_delivery_dtm timestamptz
- message_template_dsc varchar(4000)
- is_submitter_cc_required boolean
- is_host_contacted_externally boolean
- is_with_standard_detail boolean
- lg_phone_no varchar(30)
- unreported_listing_no varchar(50)
- host_email_address_dsc varchar(320)
- lg_email_address_dsc varchar(320)
- cc_email_address_dsc varchar(4000)
- unreported_listing_url varchar(4000)
- lg_str_bylaw_url varchar(4000)
- custom_detail_txt varchar(4000)
- concerned_with_rental_listing_id bigint
- initiating_user_identity_id bigint
- affected_by_user_identity_id bigint
- involved_in_organization_id bigint
- batching_email_message_id bigint
- requesting_organization_id bigint
- external_message_no varchar(50)
- upd_dtm timestamptz
- upd_user_guid uuid

dss_organization_contact_person
- organization_contact_person_id bigint
- is_primary boolean
- given_nm varchar(25)
- family_nm varchar(25)
- phone_no varchar(30)
- email_address_dsc varchar(320)
- contacted_through_organization_id bigint
- upd_dtm timestamptz
- upd_user_guid uuid
- email_message_type varchar(50)

dss_organization
- organization_id bigint
- organization_type varchar(25)
- organization_cd varchar(25)
- organization_nm varchar(250)
- is_lg_participating boolean
- is_principal_residence_required boolean
- is_business_licence_required boolean
- area_geometry geometry
- managing_organization_id bigint
- upd_dtm timestamptz
- upd_user_guid uuid

dss_organization_type
- organization_type varchar(25)
- organization_type_nm varchar(250)

dss_user_identity
- user_identity_id bigint
- user_guid uuid
- display_nm varchar(250)
- identity_provider_nm varchar(25)
- is_enabled boolean
- access_request_status_cd varchar(25)
- access_request_dtm timestamptz
- access_request_justification_txt varchar(250)
- given_nm varchar(25)
- family_nm varchar(25)
- email_address_dsc varchar(320)
- business_nm varchar(250)
- terms_acceptance_dtm timestamptz
- represented_by_organization_id bigint
- upd_dtm timestamptz
- upd_user_guid uuid

dss_access_request_status
- access_request_status_cd varchar(25)
- access_request_status_nm varchar(250)

dss_physical_address
- physical_address_id bigint
- original_address_txt varchar(250)
- match_result_json json
- match_address_txt varchar(250)
- match_score_amt smallint
- unit_no varchar(50)
- civic_no varchar(50)
- street_nm varchar(50)
- street_type_dsc varchar(50)
- street_direction_dsc varchar(50)
- locality_nm varchar(50)
- locality_type_dsc varchar(50)
- province_cd varchar(5)
- site_no varchar(50)
- block_no varchar(50)
- location_geometry geometry
- is_exempt boolean
- containing_organization_id bigint
- replacing_physical_address_id bigint
- upd_dtm timestamptz
- upd_user_guid uuid

dss_upload_delivery
- upload_delivery_id bigint
- upload_delivery_type varchar(25)
- report_period_ym date
- source_hash_dsc varchar(256)
- source_bin bytea
- providing_organization_id bigint
- upd_dtm timestamptz
- upd_user_guid uuid

dss_rental_listing_report
- rental_listing_report_id bigint
- report_period_ym date
- is_current boolean
- providing_organization_id bigint
- upd_dtm timestamptz
- upd_user_guid uuid

dss_user_role
- user_role_cd varchar(25)
- user_role_nm varchar(250)

dss_user_privilege
- user_privilege_cd varchar(25)
- user_privilege_nm varchar(250)

dss_user_role_assignment
- user_identity_id bigint
- user_role_cd varchar(25)

dss_user_role_privilege
- user_privilege_cd varchar(25)
- user_role_cd varchar(25)

dss_upload_line
- upload_line_id bigint
- is_validation_failure boolean
- is_system_failure boolean
- is_processed boolean
- source_organization_cd varchar(25)
- source_record_no varchar(50)
- source_line_txt varchar(32000)
- error_txt varchar(32000)
- including_upload_delivery_id bigint

dss_rental_listing
- rental_listing_id bigint
- platform_listing_no varchar(50)
- platform_listing_url varchar(4000)
- business_licence_no varchar(50)
- bc_registry_no varchar(50)
- is_current boolean
- is_active boolean
- is_new boolean
- is_taken_down boolean
- is_entire_unit boolean
- available_bedrooms_qty smallint
- nights_booked_qty smallint
- separate_reservations_qty smallint
- offering_organization_id bigint
- including_rental_listing_report_id bigint
- derived_from_rental_listing_id bigint
- locating_physical_address_id bigint
- upd_dtm timestamptz
- upd_user_guid uuid

dss_rental_listing_contact
- rental_listing_contact_id bigint
- is_property_owner boolean
- listing_contact_nbr smallint
- supplier_host_no varchar(50)
- full_nm varchar(50)
- phone_no varchar(30)
- fax_no varchar(30)
- full_address_txt varchar(250)
- email_address_dsc varchar(320)
- contacted_through_rental_listing_id bigint
- upd_dtm timestamptz
- upd_user_guid uuid

dss_email_message_type → dss_email_message : dss_email_message_fk_communicating
dss_email_message_type → dss_organization_contact_person : dss_organization_contact_person_fk_subscribed_to
dss_organization → dss_organization_contact_person : dss_organization_contact_person_fk_contacted_for
dss_organization_type → dss_organization : dss_organization_fk_treated_as
dss_organization → dss_email_message : dss_email_message_fk_involving
dss_organization → dss_email_message : dss_email_message_fk_requested_by
dss_organization → dss_user_identity : dss_user_identity_fk_representing
dss_organization → dss_email_message : dss_email_message_fk_initiated_by
dss_organization → dss_email_message : dss_email_message_fk_affecting
dss_organization → dss_organization : dss_organization_fk_managed_by
dss_email_message → dss_email_message : dss_em
dss_access_request_status → dss_user_identity : dss_user_identity_fk_given
dss_organization → dss_physical_address : dss_physical_address_fk_contained_in
dss_organization → dss_upload_delivery : dss_upload_delivery_fk_provided_by
dss_organization → dss_rental_listing_report : dss_rental_listing_report_fk_provided_by
dss_email_message → dss_upload_line : dss_email_message_fk_included_in
dss_user_identity → dss_user_role_assignment : dss_user_role_assignment_fk_granted_to
dss_user_identity → dss_user_role_assignment : dss_user_role_assignment_fk_granted
dss_user_role → dss_user_role_privilege : dss_user_role_privilege_fk_conferred_by
dss_user_privilege → dss_user_role_privilege : dss_user_role_privilege_fk_conferring
dss_physical_address → dss_physical_address : dss_physical_address_fk_replaced_by
dss_physical_address → dss_rental_listing : dss_rental_listing_fk_located_at
dss_organization → dss_rental_listing : dss_rental_listing_fk_offered_by
dss_rental_listing_report → dss_upload_line : dss_upload_line_fk_included_in
dss_rental_listing_report → dss_rental_listing : dss_rental_listing_fk_included_in
dss_rental_listing → dss_rental_listing_contact : dss_rental_listing_contact_fk_contacted_for
dss_rental_listing → dss_rental_listing : dss_rental_listing_fk_generating

Physical Data Diagram (Sprint 6)

Table dss_access_request_status

Idx	Name	Data Type	Description
A potential status for a user access request (e.g. Requested, Approved, or Denied)			
* Pk	access_request_status_cd	varchar(25)	System-consistent code for the request status
*	access_request_status_nm	varchar(250)	Business term for the request status

Indexes

Type	Name	On	Description
Pk	dss_access_request_status_pk	access_request_status_cd	

Table dss_email_message

Idx	Name	Data Type	Description
A message that is sent to one or more recipients via email			
* Pk	email_message_id	bigint GENERATED ALWAYS AS IDENTITY	Unique generated key
*	email_message_type	varchar(50)	Foreign key
*	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
*	is_submitter_cc_required	boolean	Indicates whether the user initiating the message should receive a copy of the email
	is_host_contacted_externally	boolean	Indicates whether the the property host has already been contacted by external means
	is_with_standard_detail	boolean	Indicates whether message body should include text a block of detail text that is standard for the message type
	lg_phone_no	varchar(30)	A phone number associated with a Local Government contact
	unreported_listing_no	varchar(50)	The platform issued identification number for the listing (if not included in a rental listing report)
	host_email_address_dsc	varchar(320)	E-mail address of a short term rental host (directly entered by the user as a message recipient)
	lg_email_address_dsc	varchar(320)	E-mail address of a local government contact (directly entered by the user as a message recipient)
	cc_email_address_dsc	varchar(4000)	E-mail address of a secondary message recipient (directly entered by the user)
	unreported_listing_url	varchar(4000)	User-provided URL for a short-term rental platform listing that is the subject of the message
	lg_str_bylaw_url	varchar(4000)	User-provided URL for a local government bylaw that is the subject of the message
	custom_detail_txt	varchar(4000)	Free form text that should be included in the message body
	concerned_with_rental_listing_id	bigint	Foreign key
	initiating_user_identity_id	bigint	Foreign key
	affected_by_user_identity_id	bigint	Foreign key
	involved_in_organization_id	bigint	Foreign key
	batching_email_message_id	bigint	Foreign key
	requesting_organization_id	bigint	Foreign key
	external_message_no	varchar(50)	External identifier for tracking the message delivery progress
	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

Indexes

Type	Name	On	Description
Pk	dss_email_message_pk	email_message_id	

Foreign Keys

Type	Name	On	Description

Table dss_email_message

	dss_email_message_fk_initiated_by (initiating_user_identity_id) ref dss_user_identity (user_identity_id)
	dss_email_message_fk_affecting (affected_by_user_identity_id) ref dss_user_identity (user_identity_id)
	dss_email_message_fk_involving (involved_in_organization_id) ref dss_organization (organization_id)
	dss_email_message_fk_communicating (email_message_type) ref dss_email_message_type (email_message_type)
	dss_email_message_fk_batched_in (batching_email_message_id) ref dss_email_message (email_message_id)
	dss_email_message_fk_requested_by (requesting_organization_id) ref dss_organization (organization_id)
	dss_email_message_fk_included_in (concerned_with_rental_listing_id) ref dss_rental_listing (rental_listing_id)

Triggers

	Name	Definition	Description
	dss_email_message_br_iu_tr		

CREATE TRIGGER dss_email_message_br_iu_tr BEFORE INSERT OR UPDATE ON dss.dss_email_message FOR EACH ROW EXECUTE FUNCTION dss.dss_update_audit_columns()

Table dss_email_message_type

Idx	Name	Data Type	Description
The type or purpose of a system generated message (e.g. Notice of Takedown, Takedown Request, Delisting Warning, Delisting Request, Access Granted Notification, Access Denied Notification)			
* Pk	email_message_type	varchar(50)	System-consistent code 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)
*	email_message_type_nm	varchar(250)	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)

Indexes

Type	Name	On	Description
Pk	dss_email_message_type_pk	email_message_type	

Table dss_organization

Idx	Name	Data Type	Description
A private company or governing body component 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)	Foreign key
*	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)
	is_lg_participating	boolean	Indicates whether a LOCAL GOVERNMENT ORGANIZATION participates in Short Term Rental Data Sharing
	is_principal_residence_required	boolean	Indicates whether a LOCAL GOVERNMENT SUBDIVISION is subject to Provincial Principal Residence Short Term Rental restrictions
	is_business_licence_required	boolean	Indicates whether a LOCAL GOVERNMENT SUBDIVISION requires a business licence for Short Term Rental operation

Table dss_organization

	area_geometry	geometry	the multipolygon shape identifying the boundaries of a local government subdivision
	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

Indexes

Type	Name	On	Description
Pk	dss_organization_pk	organization_id	

Foreign Keys

Type	Name	On	Description
	dss_organization_fk_managed_by (managing_organization_id) ref dss_organization (organization_id)		
	dss_organization_fk_treated_as (organization_type) ref dss_organization_type (organization_type)		

Triggers

	Name	Definition	Description
	dss_organization_br_iu_tr		

CREATE TRIGGER dss_organization_br_iu_tr BEFORE INSERT OR UPDATE ON dss.dss_organization FOR EACH ROW EXECUTE FUNCTION dss.dss_update_audit_columns()

Table dss_organization_contact_person

Idx	Name	Data Type	Description
A person 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(30)	Phone number given for the contact by the organization (contains only digits)
*	email_address_dsc	varchar(320)	E-mail address given for the contact by the organization
*	contacted_through_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
	email_message_type	varchar(50)	Foreign key

Indexes

Type	Name	On	Description
Pk	dss_organization_contact_person_pk	organization_contact_person_id	

Foreign Keys

Type	Name	On	Description
	dss_organization_contact_person_fk_contacted_for (contacted_through_organization_id) ref dss_organization (organization_id)		
	dss_organization_contact_person_fk_subscribed_to (email_message_type) ref dss_email_message_type (email_message_type)		

Triggers

	Name	Definition	Description

Table dss_organization_contact_person

	dss_organization_contact_person_br_iu_tr

CREATE TRIGGER dss_organization_contact_person_br_iu_tr BEFORE INSERT OR UPDATE ON dss.dss_organization_contact_person FOR EACH ROW EXECUTE FUNCTION dss.dss_update_audit_columns()

Table dss_organization_type

Idx	Name	Data Type	Description
A level of government or business category			
* Pk	organization_type	varchar(25)	System-consistent code for a level of government or business category
*	organization_type_nm	varchar(250)	Business term for a level of government or business category

Indexes

Type	Name	On	Description
Pk	dss_organization_type_pk	organization_type	

Table dss_physical_address

Idx	Name	Data Type	Description
A property address that includes any verifiable BC attributes			
* Pk	physical_address_id	bigint GENERATED ALWAYS AS IDENTITY	Unique generated key
*	original_address_txt	varchar(250)	The source-provided address of a short-term rental offering
	match_result_json	json	Full JSON result of the source address matching attempt
	match_address_txt	varchar(250)	The sanitized physical address (returned as fullAddress) that has been derived from the original
	match_score_amt	smallint	The relative score returned from the address matching attempt
	unit_no	varchar(50)	The unitNumber (suite) returned by the address match (e.g. 100)
	civic_no	varchar(50)	The civicNumber (building number) returned by the address match (e.g. 1285)
	street_nm	varchar(50)	The streetName returned by the address match (e.g. Pender)
	street_type_dsc	varchar(50)	The streetType returned by the address match (e.g. St or Street)
	street_direction_dsc	varchar(50)	The streetDirection returned by the address match (e.g. W or West)
	locality_nm	varchar(50)	The localityName (community) returned by the address match (e.g. Vancouver)
	locality_type_dsc	varchar(50)	The localityType returned by the address match (e.g. City)
	province_cd	varchar(5)	The provinceCode returned by the address match
	site_no	varchar(50)	The siteID returned by the address match
	block_no	varchar(50)	The blockID returned by the address match
	location_geometry	geometry	The computed location point of the matched address
	is_exempt	boolean	Indicates whether the address has been identified as exempt from Short Term Rental regulations
	containing_organization_id	bigint	Foreign key
	replacing_physical_address_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

Indexes

Type	Name	On	Description
Pk	dss_physical_address_pk	physical_address_id	

Foreign Keys

Type	Name	On	Description
	dss_physical_address_fk_contained_in (containing_organization_id) ref dss_organization (organization_id)		

Table dss_physical_address

	dss_physical_address_fk_replaced_by (replacing_physical_address_id) ref dss_physical_address (physical_address_id)		

Triggers

	Name	Definition	Description
	dss_physical_address_br_iu_tr		
CREATE TRIGGER dss_physical_address_br_iu_tr BEFORE INSERT OR UPDATE ON dss.dss_physical_address FOR EACH ROW EXECUTE FUNCTION dss.dss_update_audit_columns()			

Table dss_rental_listing

Idx	Name	Data Type	Description
A rental listing snapshot that is either relevant to a specific monthly report, or is the current, master version			
* Pk	rental_listing_id	bigint GENERATED ALWAYS AS IDENTITY	Unique generated key
*	platform_listing_no	varchar(50)	The platform issued identification number for the listing
	platform_listing_url	varchar(4000)	URL for the short-term rental platform listing
	business_licence_no	varchar(50)	The local government issued licence number that applies to the rental offering
	bc_registry_no	varchar(50)	The Short Term Registry issued permit number
*	is_current	boolean	Indicates whether the RENTAL LISTING VERSION is a CURRENT RENTAL LISTING (if it is a copy of the most current REPORTED RENTAL LISTING (having the same listing number for the same offering platform)
	is_active	boolean	Indicates whether a CURRENT RENTAL LISTING was included in the most recent RENTAL LISTING REPORT
	is_new	boolean	Indicates whether a CURRENT RENTAL LISTING appeared for the first time in the last reporting period
	is_taken_down	boolean	Indicates whether a CURRENT RENTAL LISTING has been reported as taken down by the offering platform
	is_entire_unit	boolean	Indicates whether the entire dwelling unit is offered for rental (as opposed to a single bedroom)
	available_bedrooms_qty	smallint	The number of bedrooms in the dwelling unit that are available for short term rental
	nights_booked_qty	smallint	The number of nights that short term rental accommodation services were provided during the reporting period
	separate_reservations_qty	smallint	The number of separate reservations that were taken during the reporting period
*	offering_organization_id	bigint	Foreign key
	including_rental_listing_report_id	bigint	Foreign key
	derived_from_rental_listing_id	bigint	Foreign key
	locating_physical_address_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

Indexes

Type	Name	On	Description
Pk	dss_rental_listing_pk	rental_listing_id	

Foreign Keys

Type	Name	On	Description
	dss_rental_listing_fk_offered_by (offering_organization_id) ref dss_organization (organization_id)		
	dss_rental_listing_fk_included_in (including_rental_listing_report_id) ref dss_rental_listing_report (rental_listing_report_id)		
	dss_rental_listing_fk_located_at (locating_physical_address_id) ref dss_physical_address (physical_address_id)		

Table dss_rental_listing

	dss_rental_listing_fk_generating (derived_from_rental_listing_id) ref dss_rental_listing (rental_listing_id)		

Triggers

	Name	Definition	Description
	dss_rental_listing_br_iu_tr		

CREATE TRIGGER dss_rental_listing_br_iu_tr BEFORE INSERT OR UPDATE ON dss.dss_rental_listing FOR EACH ROW EXECUTE FUNCTION dss.dss_update_audit_columns()

Table dss_rental_listing_contact

Idx	Name	Data Type	Description
A person who has been identified as a notable contact for a particular rental listing			
* Pk	rental_listing_contact_id	bigint GENERATED ALWAYS AS IDENTITY	Unique generated key
*	is_property_owner	boolean	Indicates a person with the legal right to the unit being short-term rental
	listing_contact_nbr	smallint	Indicates which of the five possible supplier hosts is represented by this contact
	supplier_host_no	varchar(50)	The platform identifier for the supplier host
	full_nm	varchar(50)	The full name of the contact person as inluded in the listing
	phone_no	varchar(30)	Phone number given for the contact
	fax_no	varchar(30)	Facsimile numbrer given for the contact
	full_address_txt	varchar(250)	Mailing address given for the contact
	email_address_dsc	varchar(320)	E-mail address given for the contact
*	contacted_through_rental_listing_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

Indexes

Type	Name	On	Description
Pk	dss_rental_listing_contact_pk	rental_listing_contact_id	

Foreign Keys

Type	Name	On	Description
	dss_rental_listing_contact_fk_contacted_for (contacted_through_rental_listing_id) ref dss_rental_listing (rental_listing_id)		

Triggers

	Name	Definition	Description
	dss_rental_listing_contact_br_iu_tr		

CREATE TRIGGER dss_rental_listing_contact_br_iu_tr BEFORE INSERT OR UPDATE ON dss.dss_rental_listing_contact FOR EACH ROW EXECUTE FUNCTION dss.dss_update_audit_columns()

Table dss_rental_listing_report

Idx	Name	Data Type	Description
A platform-specific collection of rental listing information that is relevant to a specific month			
* Pk	rental_listing_report_id	bigint GENERATED ALWAYS AS IDENTITY	Unique generated key
*	report_period_ym	date	The month to which the listing information is relevant (always set to the first day of the month)
*	is_current	boolean	Indicates whether the rental listing version is the most recent one reported by the platform
*	providing_organization_id	bigint	Foreign key

Table dss_rental_listing_report

*	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

Indexes

Type	Name	On	Description
Pk	dss_rental_listing_report_pk	rental_listing_report_id	

Foreign Keys

Type	Name	On	Description
	dss_rental_listing_report_fk_provided_by (providing_organization_id) ref dss_organization (organization_id)		

Triggers

	Name	Definition	Description
	dss_rental_listing_report_br_iu_tr		

CREATE TRIGGER dss_rental_listing_report_br_iu_tr BEFORE INSERT OR UPDATE ON dss.dss_rental_listing_report FOR EACH ROW EXECUTE FUNCTION dss.dss_update_audit_columns()

Table dss_upload_delivery

Idx	Name	Data Type	Description
A delivery of uploaded information that is relevant to a specific month			
* Pk	upload_delivery_id	bigint GENERATED ALWAYS AS IDENTITY	Unique generated key
*	upload_delivery_type	varchar(25)	Identifies the treatment applied to ingesting the uploaded information
	report_period_ym	date	The month to which the delivery batch is relevant (always set to the first day of the month)
*	source_hash_dsc	varchar(256)	The hash value of the information that was uploaded
	source_bin	bytea	The binary image of the information that was uploaded
*	providing_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

Indexes

Type	Name	On	Description
Pk	dss_upload_delivery_pk	upload_delivery_id	

Foreign Keys

Type	Name	On	Description
	dss_upload_delivery_fk_provided_by (providing_organization_id) ref dss_organization (organization_id)		

Triggers

	Name	Definition	Description
	dss_upload_delivery_br_iu_tr		

CREATE TRIGGER dss_upload_delivery_br_iu_tr BEFORE INSERT OR UPDATE ON dss.dss_upload_delivery FOR EACH ROW EXECUTE FUNCTION dss.dss_update_audit_columns()

Table dss_upload_line

Idx	Name	Data Type	Description
An upload delivery line that has been extracted from the source			
* Pk	upload_line_id	bigint GENERATED ALWAYS AS IDENTITY	Unique generated key
*	is_validation_failure	boolean	Indicates that there has been a validation problem that prevents successful ingestion of the upload line

Table dss_upload_line

*	is_system_failure	boolean	Indicates that a system fault has prevented complete ingestion of the upload line
*	is_processed	boolean	Indicates that no further ingestion attempt is required for the upload line
*	source_organization_cd	varchar(25)	An immutable system code identifying the organization who created the information in the upload line (e.g. AIRBNB)
*	source_record_no	varchar(50)	The immutable identification number for the source record, such as a rental listing number
*	source_line_txt	varchar(32000)	Full text of the uploaod line
	error_txt	varchar(32000)	Freeform description of the problem found while attempting to interpret the report line
*	including_upload_delivery_id	bigint	Foreign key

Indexes

Type	Name	On	Description
Pk	dss_upload_line_pk	upload_line_id	

Foreign Keys

Type	Name	On	Description
	dss_upload_line_fk_included_in (including_upload_delivery_id) ref dss_upload_delivery (upload_delivery_id)		

Table dss_user_identity

Idx	Name	Data Type	Description
An 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_cd	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 user 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

Indexes

Type	Name	On	Description
Pk	dss_user_identity_pk	user_identity_id	

Foreign Keys

Type	Name	On	Description

Table dss_user_identity

	dss_user_identity_fk_representing (represented_by_organization_id) ref dss_organization (organization_id)
	dss_user_identity_fk_given (access_request_status_cd) ref dss_access_request_status (access_request_status_cd)

Triggers

	Name	Definition	Description
	dss_user_identity_br_iu_tr		

CREATE TRIGGER dss_user_identity_br_iu_tr BEFORE INSERT OR UPDATE ON dss.dss_user_identity FOR EACH ROW EXECUTE FUNCTION dss.dss_update_audit_columns()

Table dss_user_privilege

Idx	Name	Data Type	Description
A granular access right or privilege within the application that may be granted to a role			
* Pk	user_privilege_cd	varchar(25)	The immutable system code that identifies the privilege
*	user_privilege_nm	varchar(250)	The human-readable name that is given for the role

Indexes

Type	Name	On	Description
Pk	dss_user_privilege_pk	user_privilege_cd	

Table dss_user_role

Idx	Name	Data Type	Description
A set of access rights and privileges within the application that may be granted to users			
* Pk	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_cd	

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_identity_id	bigint	Foreign key
* Pk	user_role_cd	varchar(25)	Foreign key

Indexes

Type	Name	On	Description
Pk	dss_user_role_assignment_pk	user_identity_id, user_role_cd	

Foreign Keys

Type	Name	On	Description
	dss_user_role_assignment_fk_granted (user_role_cd) ref dss_user_role (user_role_cd)		
	dss_user_role_assignment_fk_granted_to (user_identity_id) ref dss_user_identity (user_identity_id)		

Table dss_user_role_privilege

Idx	Name	Data Type	Description
The association of a granular application privilege to a role			
* Pk	user_privilege_cd	varchar(25)	Foreign key
* Pk	user_role_cd	varchar(25)	Foreign key

Indexes

Table dss_user_role_privilege

Type	Name	On	Description
Pk	dss_user_role_privilege_pk	user_privilege_cd, user_role_cd	

Foreign Keys

Type	Name	On	Description
	dss_user_role_privilege_fk_conferred_by (user_role_cd) ref dss_user_role (user_role_cd)		
	dss_user_role_privilege_fk_conferring (user_privilege_cd) ref dss_user_privilege (user_privilege_cd)		

Schema dss

Functions

dss_update_audit_columns