



Physical Data Diagram (Sprint 14)

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_business_licence

Idx	Name	Data Type	Description
* Pk	business_licence_id	bigint GENERATED ALWAYS AS IDENTITY	Unique generated key
* Unq	business_licence_no	varchar(50)	The local government issued licence number that applies to the rental offering
*	expiry_dt	date	The date on which the business licence expires
Idx	physical_rental_address_txt	varchar(250)	The full physical address of the location that is licenced as a short-term rental business
	licence_type_txt	varchar(320)	Free form description of the type of business licence issued (e.g. short-term rental, bed and breakfast, boarding and lodging, tourist accommodation)
	restriction_txt	varchar(320)	Notes related to any restrictions associated with the licence
	business_nm	varchar(320)	Official name of the business
	mailing_street_address_txt	varchar(100)	Street address component of the business mailing address
	mailing_city_nm	varchar(100)	City component of the business mailing address
	mailing_province_cd	varchar(2)	Province component of the business mailing address
	mailing_postal_cd	varchar(10)	Postal code component of the business mailing address
	business_owner_nm	varchar(320)	Full name of the registered business owner
	business_owner_phone_no	varchar(30)	Phone number of the business owner
	business_owner_email_address_dsc	varchar(320)	Email address of the business owner
	business_operator_nm	varchar(320)	Full name of the business operator or property manager
	business_operator_phone_no	varchar(30)	Phone number of the business operator
	business_operator_email_address_dsc	varchar(320)	Email address of the business operator
	infraction_txt	varchar(320)	Description of an infraction
	infraction_dt	date	The date on which the described infraction occurred
	property_zone_txt	varchar(100)	Description or name of the property zoning
	available_bedrooms_qty	smallint	The number of bedrooms in the dwelling unit that are available for short term rental
	max_guests_allowed_qty	smallint	The number of guests that can be accommodated
	is_principal_residence	boolean	Indicates whether the short term rental property is a principal residence
	is_owner_living_onsite	boolean	Indicates whether the owner lives on the property
	is_owner_property_tenant	boolean	Indicates whether the business owner rents the property
	property_folio_no	varchar(30)	The number used to identify the property
	property_parcel_identifier_no	varchar(30)	The PID number assigned by the Land Title and Survey Authority that identifies the piece of land
	property_legal_description_txt	varchar(320)	The physical description of the property as it is registered with the Land Title and Survey Authority
* Idx	licence_status_type	varchar(25)	Foreign key
* Unq	providing_organization_id	bigint	Foreign key

Table dss_business_licence

Idx	affected_by_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_business_licence_pk	business_licence_id	
	dss_business_licence_i2	affected_by_physical_address_id	
Unq	dss_business_licence_uk	providing_organization_id, business_licence_no	
	dss_business_licence_i1	licence_status_type	
	dss_business_licence_i3	physical_rental_address_text	

Foreign Keys

Type	Name	On	Description
	dss_business_licence_fk_provided_by (providing_organization_id) ref dss_organization (organization_id)		
	dss_business_licence_fk_affecting (affected_by_physical_address_id) ref dss_physical_address (physical_address_id)		
	dss_business_licence_fk_classified_as (licence_status_type) ref dss_business_licence_status_type (licence_status_type)		

Triggers

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

Table dss_business_licence_status_type

Idx	Name	Data Type	Description
A potential status for a BUSINESS LICENCE (e.g. Pending, Issued, Suspended, Revoked, Cancelled, Expired)			
* Pk	licence_status_type	varchar(25)	System-consistent code for the business licence status (e.g. Pending, Issued, Suspended, Revoked, Cancelled, Expired)
*	licence_status_type_nm	varchar(50)	Business term for the licence status (e.g. Pending, Issued, Suspended, Revoked, Cancelled, Expired)
*	licence_status_sort_no	smallint	Relative order in which the business prefers to see the status listed

Indexes

Type	Name	On	Description
Pk	dss_business_licence_status_type_pk	licence_status_type	

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
* Idx	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

Table dss_email_message

	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
Idx	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	timestamp	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	
	dss_email_message_i1	concerned_with_rental_listing_id, message_delivery_dtm	

Foreign Keys

Type	Name	On	Description
	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		

Table dss_email_message

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_listing_status_type

Idx	Name	Data Type	Description
A potential status for a CURRENT RENTAL LISTING (e.g. New, Active, Inactive, Reassigned, Taken Down)			
* Pk	listing_status_type	varchar(2)	System-consistent code for the listing status (e.g. N, A, I, R, T)
*	listing_status_type_nm	varchar(50)	Business term for the listing status (e.g. New, Active, Inactive, Reassigned, Taken Down)
*	listing_status_sort_no	smallint	Relative order in which the business prefers to see the status listed

Indexes

Type	Name	On	Description
Pk	dss_listing_status_type_pk	listing_status_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
* Idx	organization_type	varchar(25)	Foreign key
* Unq	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 Enforcement Unit, City of Victoria)
	local_government_type	varchar(50)	A sub-type of local government organization used for sorting and grouping or members
	economic_region_dsc	varchar(100)	A free form description of the economic region to which a Local Government Subdivision belongs
	is_lg_participating	boolean	Indicates whether a LOCAL GOVERNMENT ORGANIZATION participates in Short Term Rental Data Sharing
	is_str_prohibited	boolean	Indicates whether a LOCAL GOVERNMENT ORGANIZATION entirely prohibits short term housing rentals
	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
	area_geometry	geometry	the multipolygon shape identifying the boundaries of a local government subdivision
Idx	managing_organization_id	bigint	Self-referential hierarchical foreign key
*	upd_dtm	timestampz	Trigger-updated timestamp of last change

Table dss_organization

	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	
	dss_organization_i1	organization_type	
Unq	dss_organization_uk	organization_cd	
	dss_organization_i2	managing_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
*	email_address_dsc	varchar(320)	E-mail address given for the contact by the organization
	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)
*	contacted_through_organization_id	bigint	Foreign key
	email_message_type	varchar(50)	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_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
* Idx	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
Idx	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(100)	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(100)	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
	is_match_verified	boolean	Indicates whether the matched address has been verified as correct for the listing by the responsible authorities
	is_changed_original_address	boolean	Indicates whether the original address has received a different property address from the platform in the last reporting period
	is_match_corrected	boolean	Indicates whether the matched address has been manually changed to one that is verified as correct for the listing
	is_system_processing	boolean	Indicates whether the physical address is being processed by the system and may not yet be in its final form
Idx	containing_organization_id	bigint	Foreign key
	replacing_physical_address_id	bigint	Foreign key
*	upd_dtm	timestampz	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

Table dss_physical_address

Indexes

Type	Name	On	Description
Pk	dss_physical_address_pk	physical_address_id	
	dss_physical_address_i1	original_address_txt	
	dss_physical_address_i2	match_address_txt	
	dss_physical_address_i3	containing_organization_id	

Foreign Keys

Type	Name	On	Description
	dss_physical_address_fk_contained_in (containing_organization_id) ref dss_organization (organization_id)		
	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
* Idx	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
Idx	business_licence_no	varchar(320)	The business licence number that is published for the rental offering
Idx	effective_business_licence_no	varchar(320)	The local government issued licence number that should be used for comparing the rental offering with others
Idx	effective_host_nm	varchar(320)	The full name of the rental offering host that should be used for comparison with others
	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_changed_original_address	boolean	Indicates whether a CURRENT RENTAL LISTING has received a different property address in the last reporting period
	is_changed_address	boolean	Indicates whether a CURRENT RENTAL LISTING has been subjected to address match changes by a user
	is_lg_transferred	boolean	Indicates whether a CURRENT RENTAL LISTING has been transferred to a different Local Government Organization as a result of address changes
	is_changed_business_licence	boolean	Indicates whether a CURRENT RENTAL LISTING has been subjected to business licence linking changes by a user
	is_entire_unit	boolean	Indicates whether the entire dwelling unit is offered for rental (as opposed to a single bedroom)
Idx	lg_transfer_dtm	timestampz	Indicates when a CURRENT RENTAL LISTING was most recently transferred to a different Local Government Organization as a result of address changes

Table dss_rental_listing

	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
* Idx	offering_organization_id	bigint	Foreign key
Idx	including_rental_listing_report_id	bigint	Foreign key
Idx	derived_from_rental_listing_id	bigint	Foreign key
Idx	locating_physical_address_id	bigint	Foreign key
Idx	governing_business_licence_id	bigint	Foreign key
Idx	listing_status_type	varchar(2)	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	
	dss_rental_listing_i1	offering_organization_id, platform_listing_no	
	dss_rental_listing_i2	including_rental_listing_re port_id	
	dss_rental_listing_i3	derived_from_rental_listing _id	
	dss_rental_listing_i4	locating_physical_address _id	
	dss_rental_listing_i5	listing_status_type, offering_organization_id	
	dss_rental_listing_i6	governing_business_licenc e_id	
	dss_rental_listing_i7	business_licence_no	
	dss_rental_listing_i8	effective_business_licence _no	
	dss_rental_listing_i9	effective_host_nm	
	dss_rental_listing_i11	lg_transfer_dtm	

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)		
	dss_rental_listing_fk_generating (derived_from_rental_listing_id) ref dss_rental_listing (rental_listing_id)		
	dss_rental_listing_fk_classified_as (listing_status_type) ref dss_listing_status_type (listing_status_type)		
	dss_rental_listing_fk_governed_by (governing_business_licence_id) ref dss_business_licence (business_licence_id)		

Triggers

Name	Definition	Description
dss_rental_listing_br_iu_tr		

Table dss_rental_listing

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(320)	The full name of the contact person as included 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
* Idx	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	
	dss_rental_listing_contact_i1	contacted_through_rental_listing_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_extract

Idx	Name	Data Type	Description
A prebuilt report that is specific to a subset of rental listings			
* Pk	rental_listing_extract_id	bigint GENERATED ALWAYS AS IDENTITY	Unique generated key
*	rental_listing_extract_nm	varchar(250)	A description of the information contained in the extract
*	is_pr_requirement_filtered	boolean	Indicates whether the report is filtered by jurisdictional principal residence requirement
	source_bin	bytea	The binary image of the information in the report
	filtering_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

Table dss_rental_listing_extract

Type	Name	On	Description
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Pk	dss_rental_listing_extract_pk	rental_listing_extract_id	
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Foreign Keys

Type	Name	On	Description
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	dss_rental_listing_extract_fk_filtered_by (filtering_organization_id) ref dss_organization (organization_id)		
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Triggers

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

Table dss_rental_listing_report

Idx	Name	Data Type	Description
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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
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* Unq	report_period_ym	date	The month to which the listing information is relevant (always set to the first day of the month)
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*	is_current	boolean	Indicates whether the rental listing version is the most recent one reported by the platform
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* Unq	providing_organization_id	bigint	Foreign key
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*	upd_dtm	timestamptz	Trigger-updated timestamp of last change
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	upd_user_guid	uuid	The globally unique identifier (assigned by the identity provider) for the most recent user to record a change
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Indexes

Type	Name	On	Description
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Pk	dss_rental_listing_report_pk	rental_listing_report_id	
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Unq	dss_rental_listing_report_uk	providing_organization_id, report_period_ym	
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Foreign Keys

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

Name	Definition	Description
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dss_rental_listing_report_br_iu_tr		
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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
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A delivery of uploaded information that is relevant to a specific month

* Pk	upload_delivery_id	bigint GENERATED ALWAYS AS IDENTITY	Unique generated key
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*	upload_delivery_type	varchar(25)	Identifies the treatment applied to ingesting the uploaded information
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	report_period_ym	date	The month to which the delivery batch is relevant (always set to the first day of the month)
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*	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
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	source_header_txt	varchar(32000)	Full text of the header line
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Table dss_upload_delivery

*	providing_organization_id	bigint	Foreign key
*	upd_dtm	timestampz	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
*	is_system_failure	boolean	Indicates that a system fault has prevented complete ingestion of the upload line
* Idx	is_processed	boolean	Indicates that no further ingestion attempt is required for the upload line
* Unq	source_organization_cd	varchar(25)	An immutable system code identifying the organization who created the information in the upload line (e.g. AIRBNB)
* Unq	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 upload line
	error_txt	varchar(32000)	Freeform description of the problem found while attempting to interpret the report line
* Unq	including_upload_delivery_id	bigint	Foreign key

Indexes

Type	Name	On	Description
Pk	dss_upload_line_pk	upload_line_id	
Unq	dss_upload_line_uk	including_upload_delivery_id, source_organization_cd, source_record_no	
	dss_upload_line_i1	is_processed, including_upload_delivery_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
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Table dss_user_identity

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
	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
	user_role_dsc	varchar(200)	The human-readable description that is given for the role
	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_role_pk	user_role_cd	

Triggers

Name	Definition	Description
dss_user_role_br_iu_tr		

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

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
	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_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)		

Triggers

Name	Definition	Description
dss_user_role_assignment_br_iu_tr		

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

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
	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
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Table dss_user_role_privilege

Pk	dss_user_role_privilege_pk	user_privilege_cd, user_role_cd
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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)		

Triggers

Name	Definition	Description
dss_user_role_privilege_br_iu_tr		

```
CREATE TRIGGER dss_user_role_privilege_br_iu_tr BEFORE INSERT OR UPDATE ON dss.dss_user_role_privilege FOR EACH ROW
EXECUTE FUNCTION dss.dss_update_audit_columns()
```

Schema dss

Functions

dss_containing_organization_id

```
dss_update_audit_columns
```

Procedures

dss_process_biz_lic_table_delete

dss_process_biz_lic_table_insert

dss_process_biz_lic_table_update