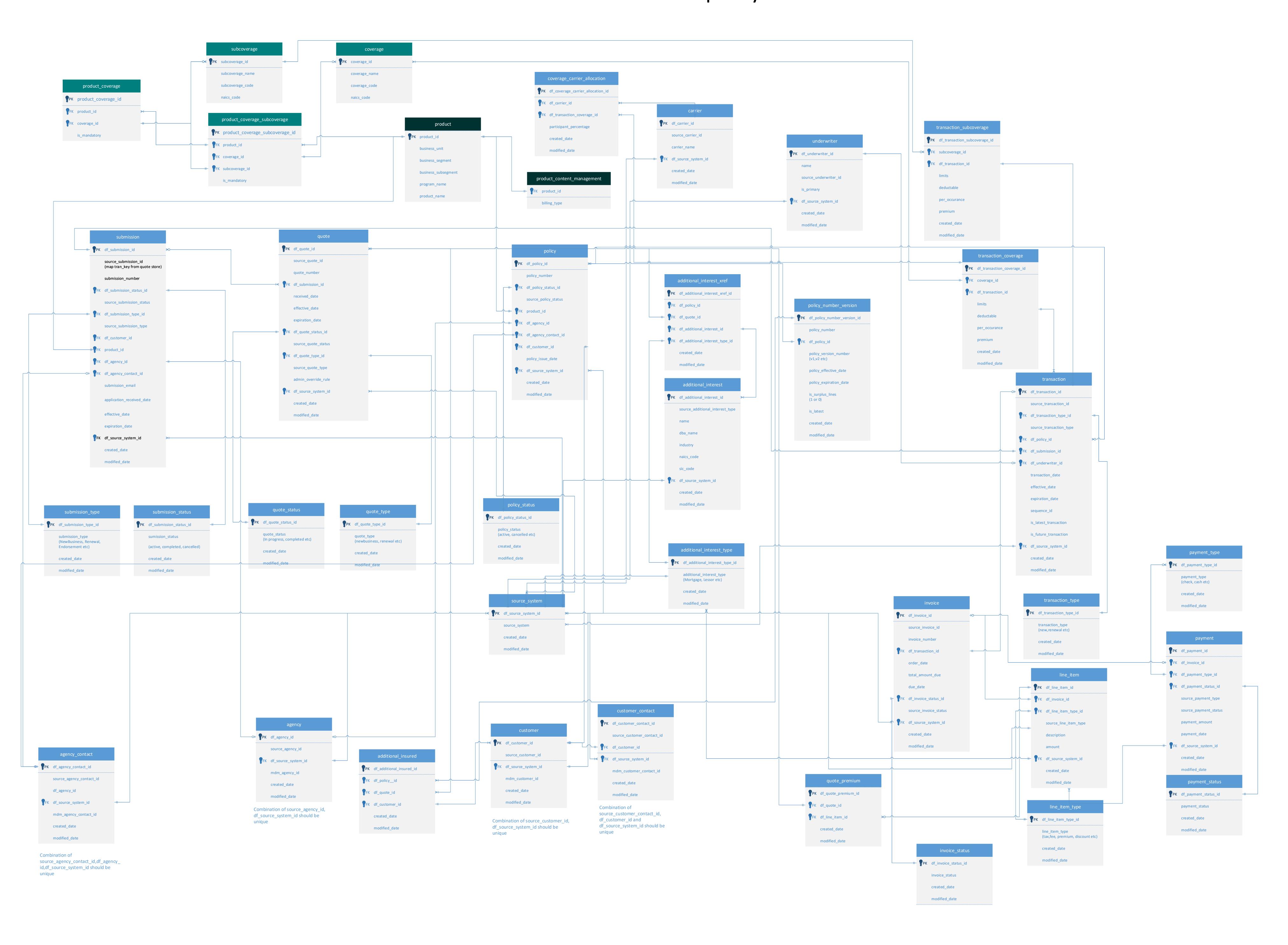
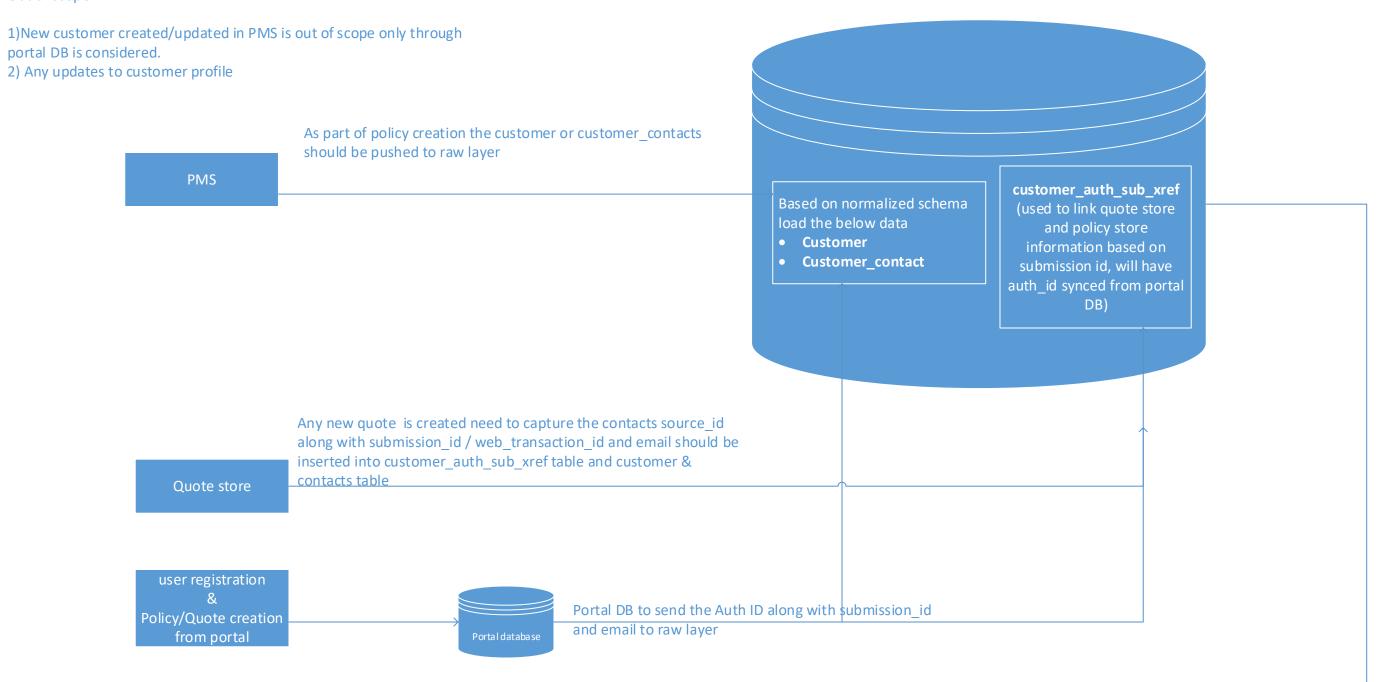


Data foundation repository schema draft v1.1



Out of scope:



Example of customer_auth_sub_xref table

cust_auth_sub_xref_id	source_customer_contact_id	auth_id	submission_id	login_email	web_tran_key	source_system	inserted_date	comment
1	Q_01		S01	john@mail.com	TX_01	Quote store	2025-07-01 10:00	quote created
2	P_01		S01	john@mail.com	TX_01	AuMine	2025-07-02 09:00	policy created
3	R_01	Reg_01	S01	john@mail.com		Customer Unqork Portal	2025-07-03 09:12	registration

Generate MDM Record

1)When a record gets inserted into raw.customer_auth_sub_xref table with auth_id is having any value, then trigger MDM process.

a) Golden ID generation logic: If the auth_id is not present in the Golden record, only then create a new MDM_ID.

2) After the MDM process is completed, sync the information into version history (refined.customer_contact_mdm_xref) table.

Example of customer_contact_mdm_xref table

customer_contact_mdm_xref_id sou	urce_customer_id	mdm_customer_id	source_customer_contact_id	mdm_customer_contact_id	source_sytem
1 C_0	01212	c56df142-e8e7-4123-b8f2-cb916f5f576a	CC_01787	046f9604-2140-407b-95f0-c4e0b6d2c88b	AuMine
2 C 3	34213	db0dde43-90f1-4e05-9963-bc7fb568d11f	CC 12463	5a3d07f9-4983-425f-a210-c464c5aea42c	AuMine

Golden record generation logic: Scope: agency & customer_contacts

Key for agency: Salesforce Broker CRM Account_ID

Key for customer_contact : email and auth_id

Rules for standardization:

a) covert all into small caps, trim leading/trailing spaces.

b) concatenate using single pipe delimiter

c) Implement hashing algorithm for ID generation (SHA-256 or SHA-512) SHA256('jack@xyz.com|0x2431ekfj') --> will give a generated hash key this will be our MDM_ID

For Firms customer, the mdm_id should be generated based on name of the firm.

Based on rules, trigger the MDM process
Apply email validation, address standardization rules.

Refined layer

Based on normalized schema load the below data

• Customer
• Customer_contact

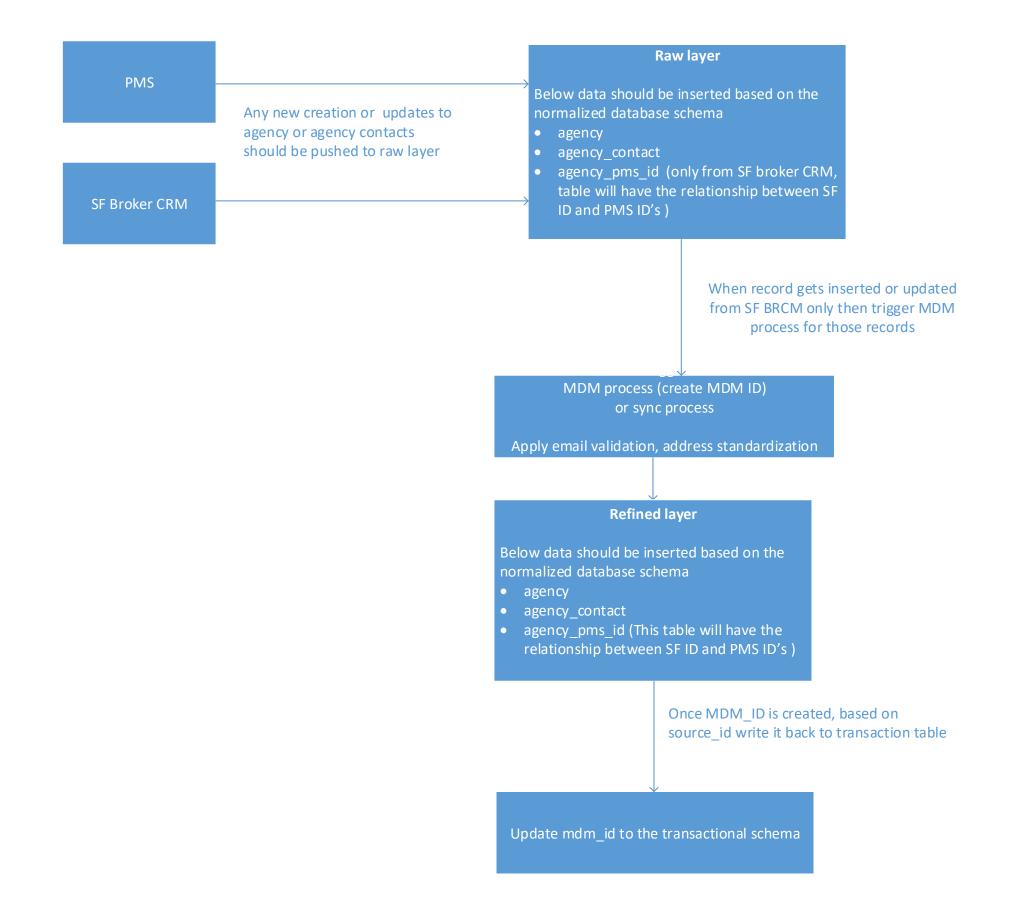
Customer_contact

Customer_contact

• Customer_contact

Update mdm_id to the transactional schema

agency MDM data flow draft version



MDM Schema – Draft version 1.0

