

Snowflake Metadata Share Guide



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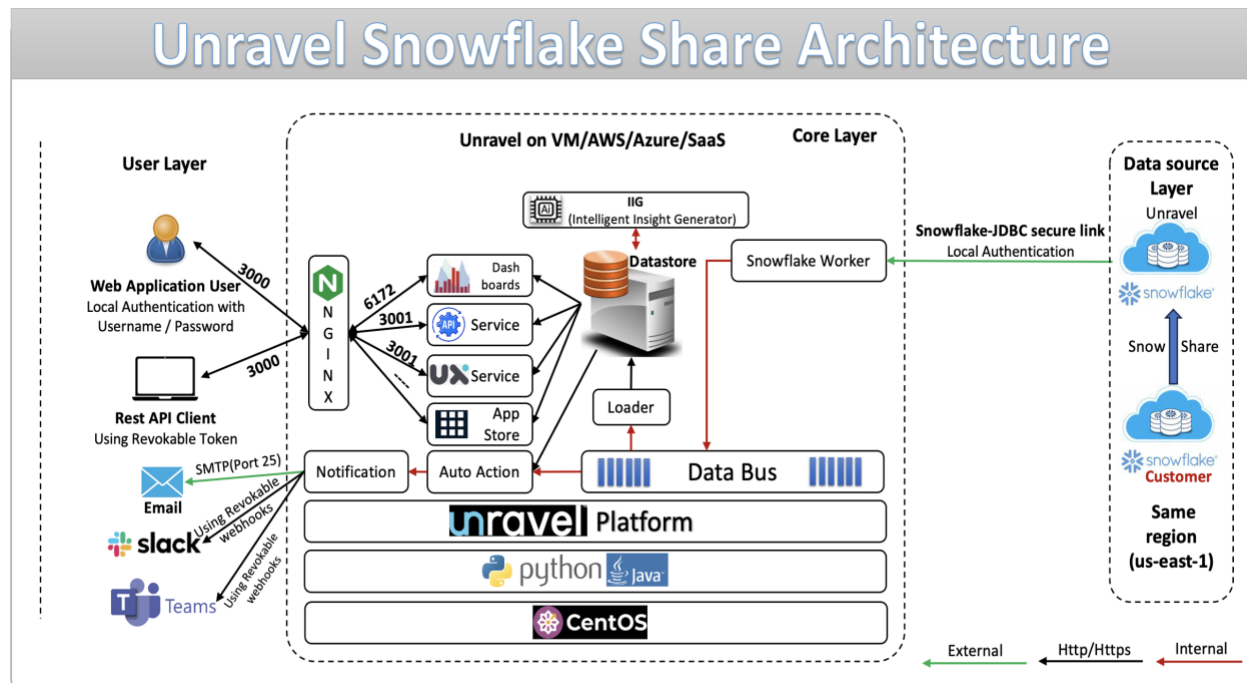
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1. Objectives

Health check download for snowflake unravel product.

2. Architecture



3. Pre-requisite

A. Snowflake account Access through snowshare

- Create a unravel user in snowflake.
- Grant select for unravel user on schema SNOWFLAKE.ACCOUNT_USAGE.
- Create a database unraveldb and a schema unravelschema to create a stored procedure required for metadata collection from account_usage, information_schema & Profile and store in local schema.
- Execute procedure to create tables and serverless task to populate the metadata from the account metadata.
- Need to have Snowshare access to share the local schema to unravel snowflake account, Execute the snowshare script to give access to "Unravel Snowflake account".
- Based on the latency required the serverless/warehouse task will cost.
- Get the unravel account id for corresponding platform, region and edition.**

4. Share Snowflake Metadata with Snowflake secure share.

- Requirement is POC / POV on customer VPC / SAAS which is continuous collection of metadata from customer account then need to execute 4.1 and 4.2.
- Requirement is Health check (one time collection) through snowshare then need to execute 4.1 and 4.3

4.1. Execute below statement to create the procedure and necessary functions.

https://github.com/unraveldata-org/snowflake-data-loader/blob/main/script/snow_share/replication_query.sql

4.2. Recurring execution for POV / POC data collected for 2 days

1. Execute below sql by replacing the \${CUSTOMER_NAME} with the value.
2. Based on requirement schedule time / lookback days /cost can be changed.
3. Based on customer region and account type GDB63908 should be replaced with corresponding unravel account id, GDB63908 is in AWS US-EAST-1, Contact unravel for more details

https://github.com/unraveldata-org/snowflake-data-loader/blob/main/script/snow_share/replication_procedure_task.sql

4.3. One time execution for health check for 7 days

1. Execute below Sql by replacing the \${CUSTOMER_NAME} with the value.
2. Based on requirement schedule time / lookback days /cost can be changed.
3. Based on customer region and account type GDB63908 should be replaced with corresponding unravel account id, GDB63908 is in AWS US-EAST-1, Contact unravel for more details

https://github.com/unraveldata-org/snowflake-data-loader/blob/main/script/snow_share/replication_procedure_seven_days.sql

5. Contact unravel to receive the data from unravel snowflake account with the customer's name value given in script.

```
--Validate that the outbound share is available to the unravel account.  
Show shares like '%UNRAVEL%';
```