

Different steps for staging SS to snowflake.

1) Create SS bucket with CSV file



2) Creating an external stage in snowflake.

Create STAGE AUS_STAGE
URL =
STORAGE_INTEGRATION ?

Create a separate object for this specifying parameters

How to create storage integration?

CREATE STORAGE_INTEGRATION AUS_INTN;

TYPE : EXTERNAL_STAGE [There are two types internal and external]

ENABLED: TRUE

internal and external

STORAGE_PROVIDER = SS

STORAGE_ALLOWED_LOCATIONS = ('SS://--')

Obviously

Create IAM Role for the same.
Location of the folder in which our CSV file is present



Ex: GRATE_SS
SELECT \$1,\$2,\$3 FROM @AUS_STAGE

Creating file format

Pattern	HeaderLine_ID	Discr
1	01\$	Imperson

If file format is not provided then header is taken as part of file transfer

CREATE FILE FORMAT CSV
TYPE=CSV
FIELD_DELIMITER=';'
RECORD_DELIMITER='\\n' [newline]
SKIP_HEADER = 1

This will create a file format for CSV file

FINALLY

Loading the file

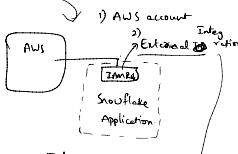
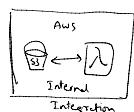
COPY INTO TI FROM @AUS_STAGE
FILE_FORMAT = CSV;

IAM Role

Selected trusted entities

AWS account

i) Options
 Require external ID



② External ID = '0000'

Dummy placeholder

2) Permissions

Since we are providing complete S3 access



Permission → S3 FULLACCESS AWS

③ Role created

Fetch AWS ARN
From AWS IAM role description

Storage_AUS_ROLE_ARN = arn:--

④ Execute Create Storage integration →
Check the parameters once again.

DESC STORAGE_INTEGRATION AUS_INTN.

Fetching IAM USER ARN and External ID

After using DESC STORAGE_INTEGRATION AUS_INTN.

Check the two fields

- 1) Storage IAM USER ARN → These are autogenerated by snowflake after
- 2) External ID → These are autogenerated by snowflake after

Editing IAM USER ARN and External ID [in AWS]

Get the IAM Role that you created

1) IAM Roles

↳ IAM Trust policy

→ Storage IAM User ARN

S3 External ID '0000' → External ID security token service.

After changing the AWS details, Execute the following

CREATE STAGE AUS_STAGE

URL: S3://--.csv file

STORAGE_INTEGRATION AUS_INTN;

→ This gets put in here

This will set the deal between both.