

Integrating AWS and Snowflake

1) Create a Bucket

- >> Create a Bucket with general configuration
- >> Object ownership set to ACL's Disabled
- >> Block public access
- >> Bucket versioning Disabled
- >> Encryption key type >Amazon S3-managed keys (SSE-S3)
- >> Bucket key enable

2) Create a folder in the object

- >> Folder name
- >> Amazon S3-managed keys >SSE-S3

3) IAM

- >> Rloes
- >> Create role
- >> trusted entity type AWS Account
- >> AWS Account> this account
- >> options > Required external ID>00000
- >> AmazonS3 Full access
- >> role details
- >> Create Role (arn:aws:iam::975362200552:role/snowconnect)

4) This query is used to integrate the object storage in Aws to snowflake by using IAM policy

```
CREATE STORAGE INTEGRATION kintegration
TYPE = EXTERNAL_STAGE
STORAGE_PROVIDER = S3
ENABLED = TRUE
STORAGE_AWS_ROLE_ARN ='arn:aws:iam::975362200552:role/snowconnect'
```

```
STORAGE_ALLOWED_LOCATIONS = ('s3://nkasam/csvfiledump/supermarket_sales-Sheet1.csv');
```

Successfully created a integration

5) Desc integration kintegration; // gives the description of the file

<div>Objects Editor Results Chart</div>				
	property	property_type	property_value	property_default
1	ENABLED	Boolean	true	false
2	STORAGE_PROVIDER	String	S3	
3	STORAGE_ALLOWED_LOCATIONS	List	s3://nkasam/csvfiledump/autos_updated.csv	[]
4	STORAGE_BLOCKED_LOCATIONS	List		[]
5	STORAGE_AWS_IAM_USER_ARN	String	arn:aws:iam::232131462640:user/vsp40000-s	
6	STORAGE_AWS_ROLE_ARN	String	arn:aws:iam::975362200552:role/snowconnect	
7	STORAGE_AWS_EXTERNAL_ID	String	DW51926_SFCRole=2_iNSrQwkh/idNCOUoPHsmfT5KeGl=	
8	COMMENT	String		