**#region Snowflakes**

//this is to create integration in snowflaks

create storage integration s3\_int

type = external\_stage

storage\_provider = s3

storage\_aws\_role\_arn = 'arn:aws:iam::406339762937:role/mysnowflakesrole'

enabled = true

storage\_allowed\_locations = ('\*');

i used this as in the document it is specifically told that

The ability to use an AWS IAM role to access a private S3 bucket to load or unload data is now deprecated (i.e. support will be removed in a future release, TBD). We highly recommend modifying any existing S3 stages that use this feature to instead reference storage integration objects (Option 1 in this topic).

i.e. CREDENTIALS = ( AWS\_KEY\_ID = 'string' AWS\_SECRET\_KEY = 'string' AWS\_TOKEN = 'string' ) is deprecated

**#end region**

**#region aws**

//Create role and allow aws for that role to upload data

//this is snowflakes details which we will be embedding in I am role json

property property\_type property\_value property\_default

ENABLED Boolean true false

STORAGE\_PROVIDER String S3

STORAGE\_ALLOWED\_LOCATIONS List \* []

STORAGE\_BLOCKED\_LOCATIONS List []

STORAGE\_AWS\_IAM\_USER\_ARN String arn:aws:iam::649595878728:user/hpjd-s-insv0125

STORAGE\_AWS\_ROLE\_ARN String arn:aws:iam::406339762937:role/mysnowflakesrole

STORAGE\_AWS\_EXTERNAL\_ID String KW74704\_SFCRole=2\_wz7h22RrV31Qbw28iucqXw33TL8=

{

"Sid": "",

"Effect": "Allow",

"Principal": {

"AWS": "arn:aws:iam::649595878728:user/hpjd-s-insv0125"

},

"Action": "sts:AssumeRole",

"Condition": {

"StringEquals": {

"sts:ExternalId": "KW74704\_SFCRole=2\_wz7h22RrV31Qbw28iucqXw33TL8="

}

}

}

**#end region**

**Will work on CDC tom i.e. Sunday**

**#REGION CDC**

* This command is to create Stream

CREATE STREAM s3\_int\_stream

ON TABLE "GODATAPIPELINE"."PUBLIC"."TEST"

SHOW\_INITIAL\_ROWS = TRUE

* This command is to create Stream task i.e. to copy the data in to stream when table data is changed i.e. insert, update, delete

create or replace task s3\_int\_stream\_task

warehouse = GODATAPIPELINE\_WH

schedule = '1 minute'

when

system$stream\_has\_data('s3\_int\_stream')

as

copy into @%raw/s3\_int\_stream from s3\_int\_stream overwrite=true;

;

-- Resume the task.

alter task s3\_int\_stream resume;

**#end region**