

```
use role developer;

use database debadatta_mohanty_db;

use warehouse training_wh;

create schema inv_stream_schema_debadatta DATA_RETENTION_TIME_IN_DAYS = 7 ;

use schema inv_stream_schema_debadatta;
```

```
create or replace TABLE T_DIM_WAREHOUSE (

    WAREHOUSE_SK NUMBER(38,0) NOT NULL,

    WAREHOUSE_ID VARCHAR(16) NOT NULL,

    WAREHOUSE_NAME VARCHAR(20),

    WAREHOUSE_SQ_FT NUMBER(38,0),

    STREET_NUMBER VARCHAR(10),

    STREET_NAME VARCHAR(60),

    STREET_TYPE VARCHAR(15),

    SUITE_NUMBER VARCHAR(10),

    CITY VARCHAR(60),

    COUNTY VARCHAR(30),

    STATE VARCHAR(2),

    ZIP VARCHAR(10),

    COUNTRY VARCHAR(20),

    GMT_OFFSET NUMBER(5,2)

);
```

```
-- create stream
```

```
create stream DIM_WAREHOUSE_STREAM on table T_DIM_WAREHOUSE;
```

```
select * from DIM_WAREHOUSE_STREAM;
```

```
select * from T_DIM_WAREHOUSE;
```

```
insert into T_DIM_WAREHOUSE
```

```
(
```

```
WAREHOUSE_SK
```

```
,WAREHOUSE_ID
```

```
,WAREHOUSE_NAME
```

```
,WAREHOUSE_SQ_FT
```

```
,STREET_NUMBER
```

```
,STREET_NAME
```

```
,STREET_TYPE
```

```
,SUITE_NUMBER
```

```
,CITY
```

```
,COUNTY
```

```
,STATE
```

```
,ZIP
```

```
,COUNTRY
```

```
,GMT_OFFSET )
```

```
select
```

```
WAREHOUSE_SK
```

```
,WAREHOUSE_ID
```

```
,WAREHOUSE_NAME
```

```
,WAREHOUSE_SQ_FT
```

```
,STREET_NUMBER
```

```
,STREET_NAME
```

```
,STREET_TYPE
```

```
,SUITE_NUMBER
```

```
,CITY
```

```
,COUNTY
```

```

,STATE
,ZIP
,COUNTRY
,GMT_OFFSET
from debadatta_mohanty_db.inventory_schema_debadatta.DIM_WAREHOUSE
where warehouse_id in ( 'AAAAAAAADAAAAAAA','AAAAAAAEBAAAAAA');

create table warehouse_stream_capture
(warehouse_ID string,
metadata_action string,
metadata_rowID string,
METADATA_ISUPDATE string);

--consume stream

insert into warehouse_stream_capture
(warehouse_ID,metadata_action,metadata_rowID,METADATA_ISUPDATE)

select warehouse_id,metadata$action,metadata$row_ID,METADATA$ISUPDATE from
DIM_WAREHOUSE_STREAM;

select * from warehouse_stream_capture;

select * from DIM_WAREHOUSE_STREAM;

select * from T_DIM_WAREHOUSE;

update T_DIM_WAREHOUSE set warehouse_name = 'UPDATE Warehouse 2' where warehouse_id =
'AAAAAAAEBAAAAAA';

select * from DIM_WAREHOUSE_STREAM;

```

```
insert into warehouse_stream_capture
(warehouse_ID,metadata_action,metadata_rowID,METADATA_ISUPDATE)

select warehouse_id,metadata$action,metadata$row_ID,METADATA$ISUPDATE from
DIM_WAREHOUSE_STREAM;


select * from warehouse_stream_capture;
```