**Unit Testing of SHAW OM PointOfSales From Cloud to LogFire**

**Process to create test data**

**Query to get the Serial numbers which are in issued out of stores status of a particular org in ERP:**

SELECT

iop.organization\_code,

sib.item\_number,

isn.current\_subinventory\_code,

fl.meaning serial\_status,

isn.serial\_number,

isn.lpn\_id,

isn.last\_update\_date,

isn.last\_updated\_by,

isn.creation\_date,

isn.created\_by

FROM

inv\_serial\_numbers isn,

inv\_org\_parameters iop,

egp\_system\_items\_b sib,

fnd\_lookups fl

WHERE

fl.lookup\_type = 'INV\_SERIAL\_NUM\_STATUS'

AND isn.current\_status = fl.lookup\_code

AND isn.current\_organization\_id = iop.organization\_id

AND isn.current\_organization\_id = sib.organization\_id

AND isn.inventory\_item\_id = sib.inventory\_item\_id

AND isn.last\_update\_date =

(

SELECT

Max(last\_update\_date)

FROM

inv\_serial\_numbers

WHERE

serial\_number = isn.serial\_number

)

AND iop.organization\_code = 'CGY'

AND fl.meaning LIKE 'Issued out%'

ORDER BY

isn.serial\_number;

* Select some transactions from the above query and receive it manually through ERP application

**Step 2:** To receive the serials in ERP follow the Navigation

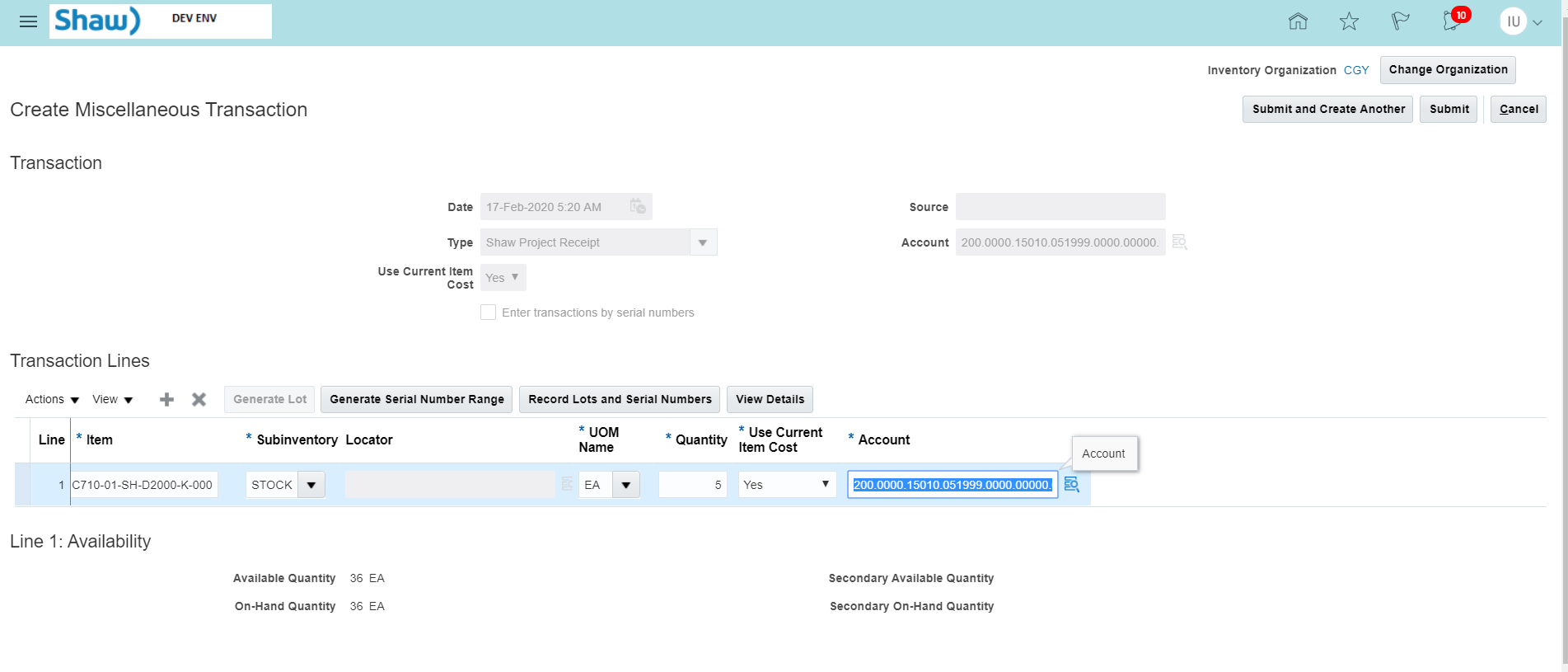
* **Supply Chain Execution>Inventory Management>Create Miscellaneous Transaction**

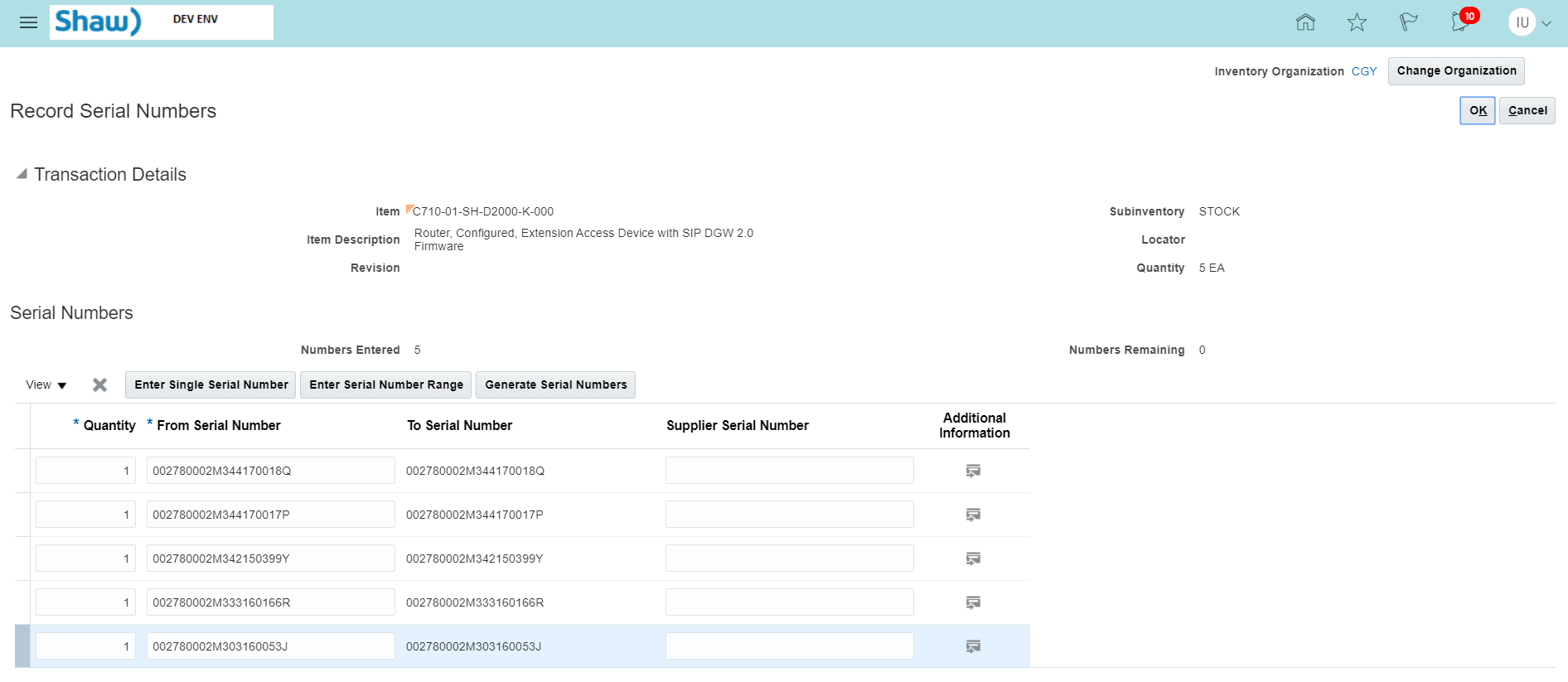
**Enter Organization**

**Transaction\_Type**: Shaw Project Receipt

**Account**: 200.0000.15010.051999.0000.00000.000000.000

* Enter Item Number, Sub inventory, Quantity
* Click the Records lots and serial numbers tab and enter the serial numbers in **enter single serial number** tab

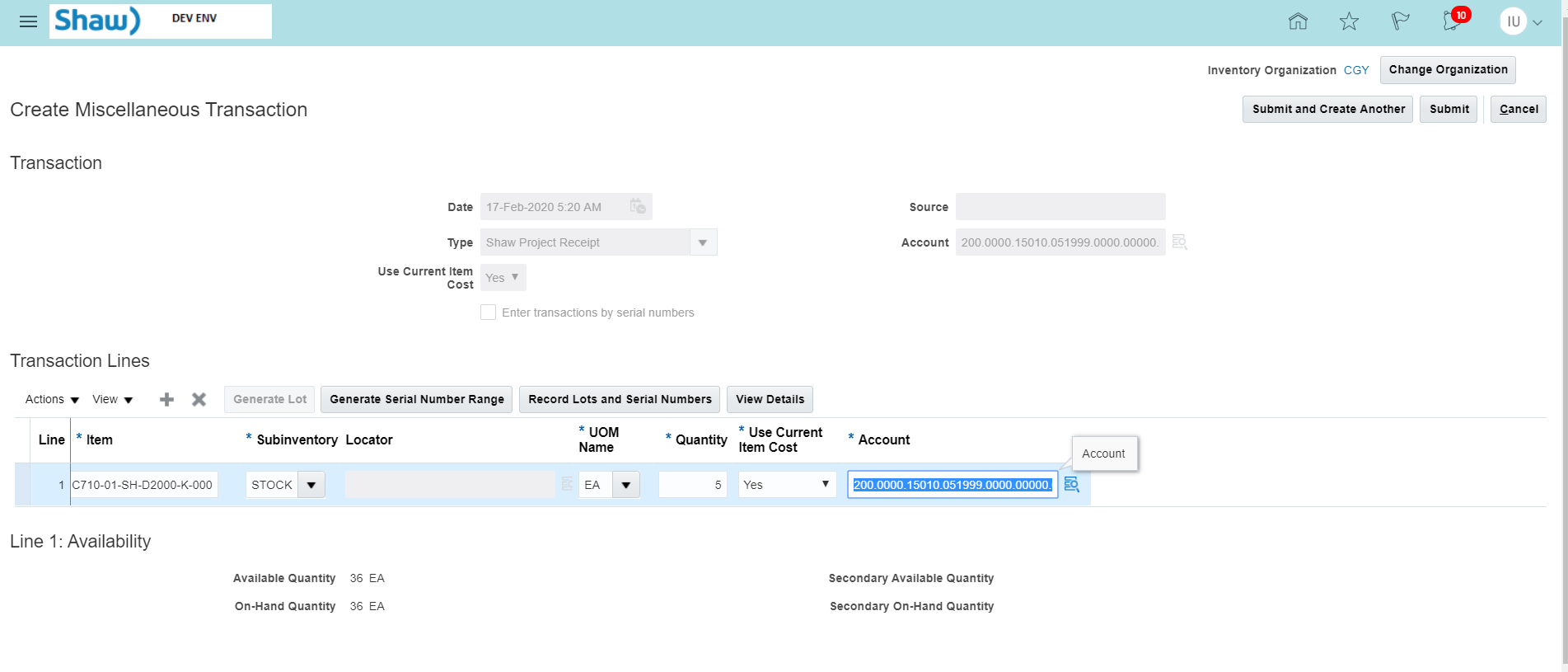




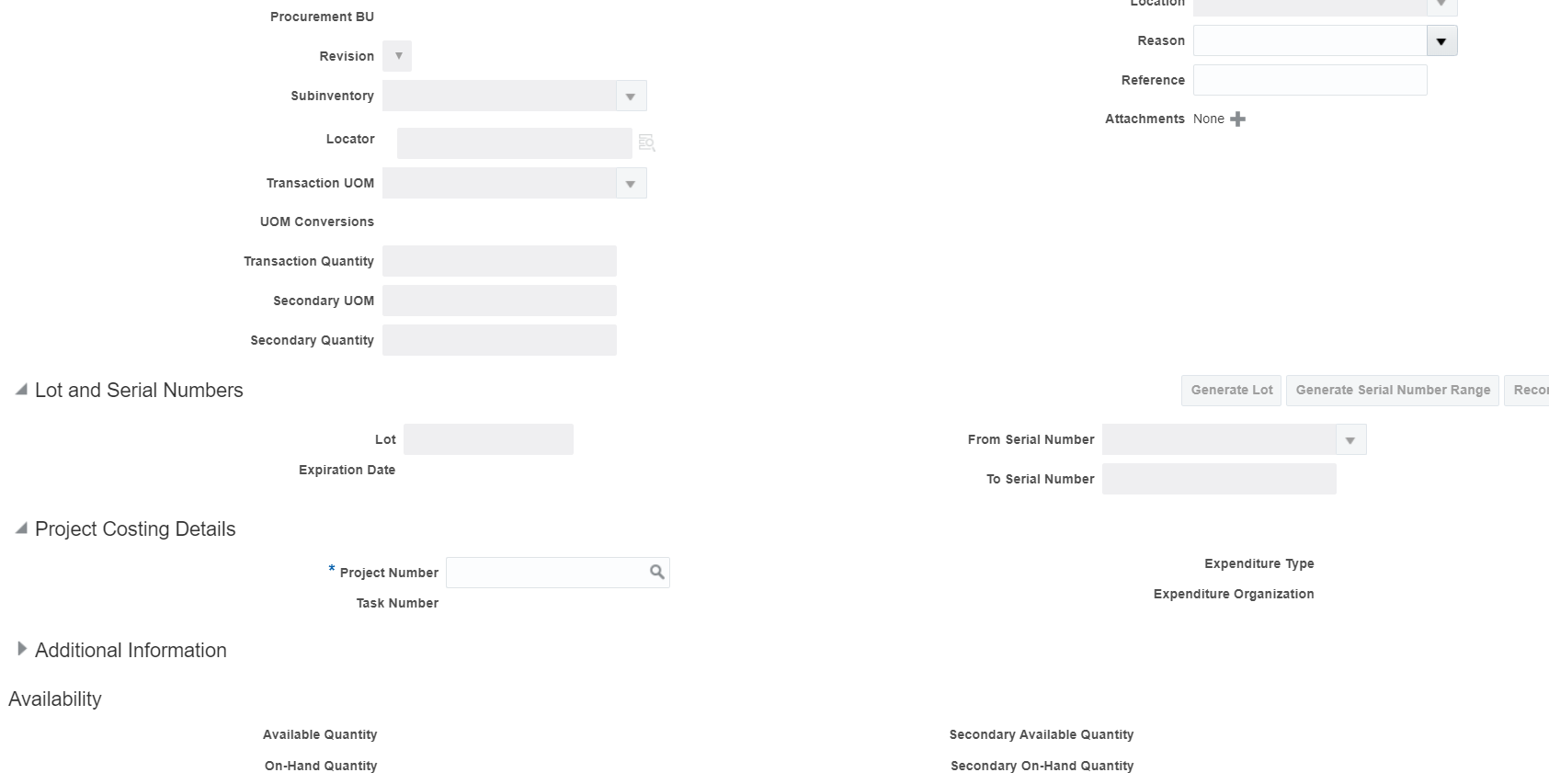


Click Ok button

Click View Details







To get the **Active Project Number and Task Number** run the below query in cloud ERP

select

'''' || a.segment1 || '|' || b.task\_number || ''',',

a.project\_status\_code,

a.segment1,

b.task\_number,

b.CHARGEABLE\_FLAG,

case

when

b.completion\_date > sysdate

then

'Active'

else

'Inactive'

end

Task\_Status

from

pjf\_projects\_all\_vl a, pjf\_tasks\_v b

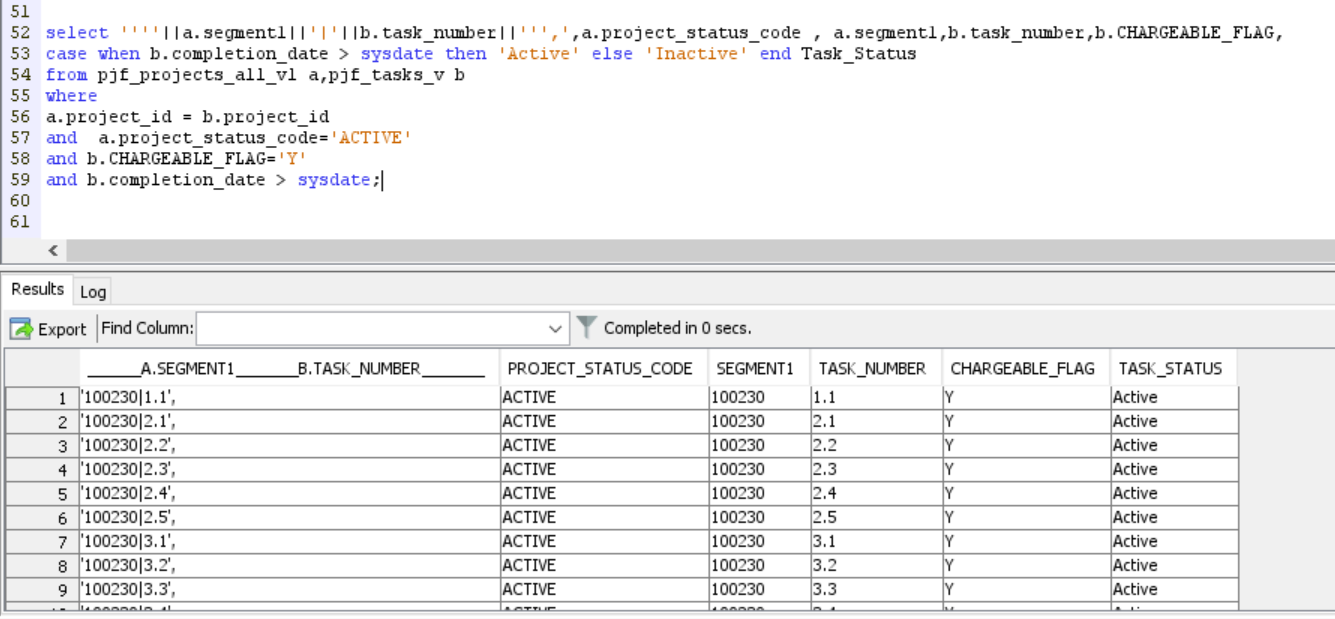
where

a.project\_id = b.project\_id

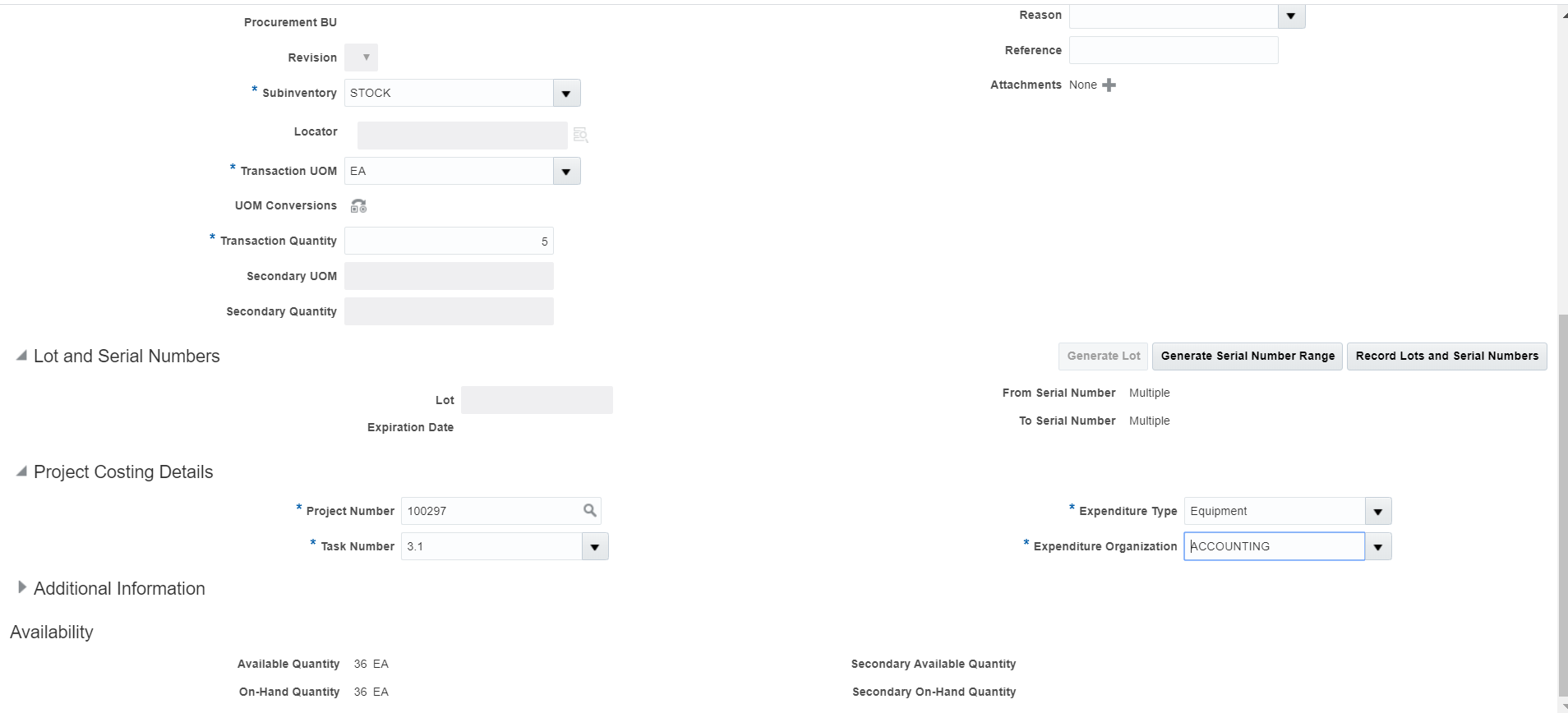
and a.project\_status\_code = 'ACTIVE'

and b.CHARGEABLE\_FLAG = 'Y'

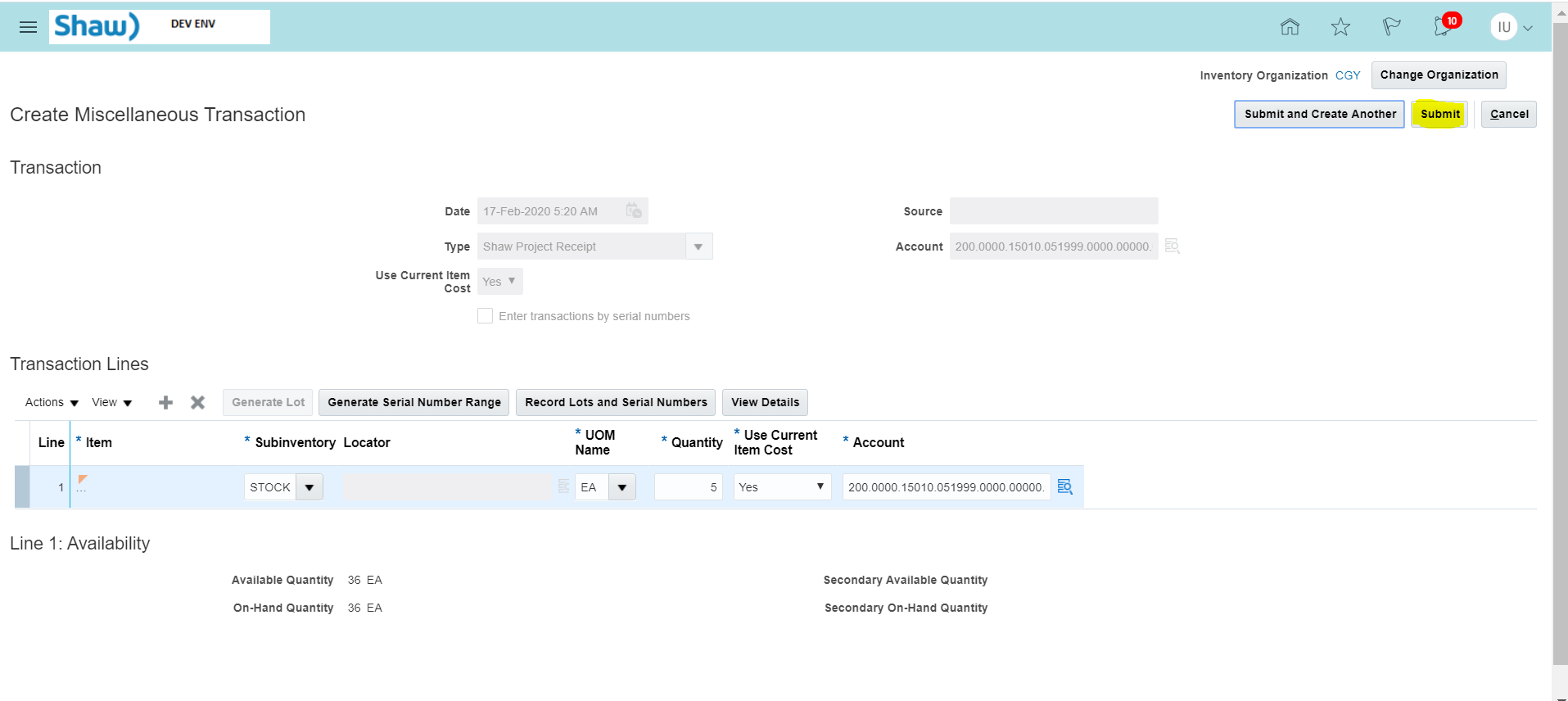
and b.completion\_date > sysdate;



**Enter Active Project Number ,Task Number ,Expenditure Organization : Accounting**

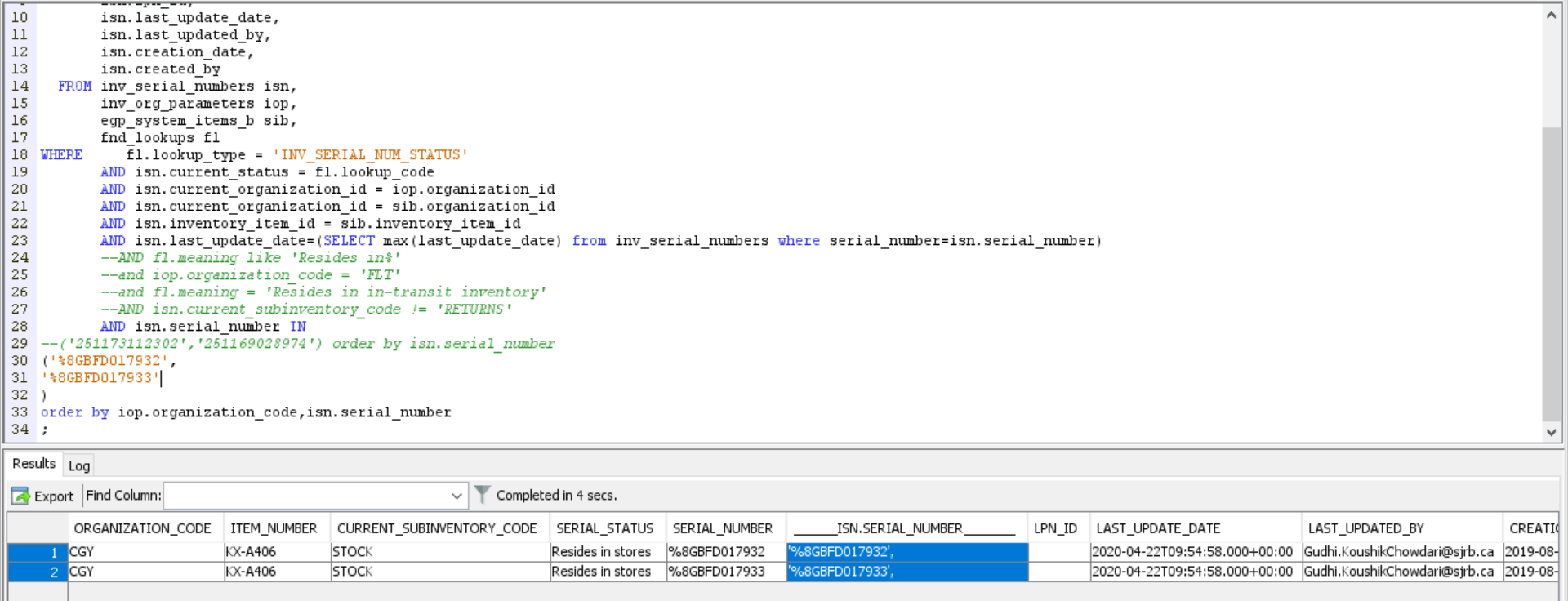


**CLICK OK BUTTON**



**Click Submit button.**

**After creating test data using above process, Check the Status of serial numbers in ERP.**



Now , the serial numbers are received in ERP

**Latest POS logic change for deriving location - based on JIRA ticket - OC-1549**

**Run the below query to check whether test data is valid or not**

SELECT

org.organization\_code facility\_code,

'SHAW' company\_code,

CASE

WHEN typ.transaction\_type\_name IN (

'Shaw WIP Component Issue',

'Shaw Inv Adj Issue',

'Shaw Project Issue',

'Whse to Float'

) THEN

'SALE'

ELSE

'RETURN'

END tranasction\_type,

inv.transaction\_id,

ROW\_NUMBER() OVER(

PARTITION BY inv.transaction\_id

ORDER BY

inv.transaction\_id

) seq\_nbr,

'' ref\_transaction\_id,

'' ref\_seq\_nbr,

CASE

WHEN typ.transaction\_type\_name = 'Shaw WIP Component Issue' THEN

'WKITTING001'

WHEN typ.transaction\_type\_name = 'Float to Whse' THEN

'RT002'

WHEN typ.transaction\_type\_name IN (

'Shaw Inv Adj Issue',

'Shaw Project Issue'

) THEN

inv.attribute1

WHEN typ.transaction\_type\_name IN (

'Shaw Project Receipt'

) THEN

'REC002'

WHEN typ.transaction\_type\_name ='Whse to Float' THEN

NULL

WHEN typ.transaction\_type\_name = 'Transfer Order Interorganization Transfer' THEN

'S002'

END location,

(

SELECT

itm.item\_number

FROM

egp\_system\_items\_b itm

WHERE

itm.inventory\_item\_id = inv.inventory\_item\_id

AND itm.organization\_id = inv.organization\_id

) ITEM\_ALTERNATE\_CODE,

inv.aging\_expiration\_date expiry\_date,

txn.serial\_number,

CASE

WHEN serial\_number IS NULL THEN

abs(inv.primary\_quantity)

ELSE

1

END primary\_quantity

FROM

inv\_material\_txns inv,

inv\_unit\_transactions txn,

inv\_org\_parameters org,

inv\_transaction\_types\_vl typ

WHERE

inv.transaction\_id = txn.transaction\_id (+)

AND inv.organization\_id = org.organization\_id

AND inv.transaction\_type\_id = typ.transaction\_type\_id

AND typ.transaction\_type\_name IN (

'Shaw WIP Component Issue',

'Shaw Inv Adj Issue',

'Shaw Project Issue',

'Whse to Float',

'Float to Whse',

'Transfer Order Interorganization Transfer',

'Shaw Project Receipt'

)

AND ( ( typ.transaction\_type\_name IN (

'Shaw Inv Adj Issue',

'Shaw Project Issue'

)

AND inv.attribute1 IS NOT NULL )

OR ( typ.transaction\_type\_name NOT IN (

'Shaw Inv Adj Issue',

'Shaw Project Issue'

) ) )

AND ( ( typ.transaction\_type\_name = 'Transfer Order Interorganization Transfer'

AND org.attribute4 = 'MINOR' ) OR ( typ.transaction\_type\_name != 'Transfer Order Interorganization Transfer' ) )

AND org.organization\_code NOT IN (

'FLD',

'FLT',

'DC1'

)

AND

(

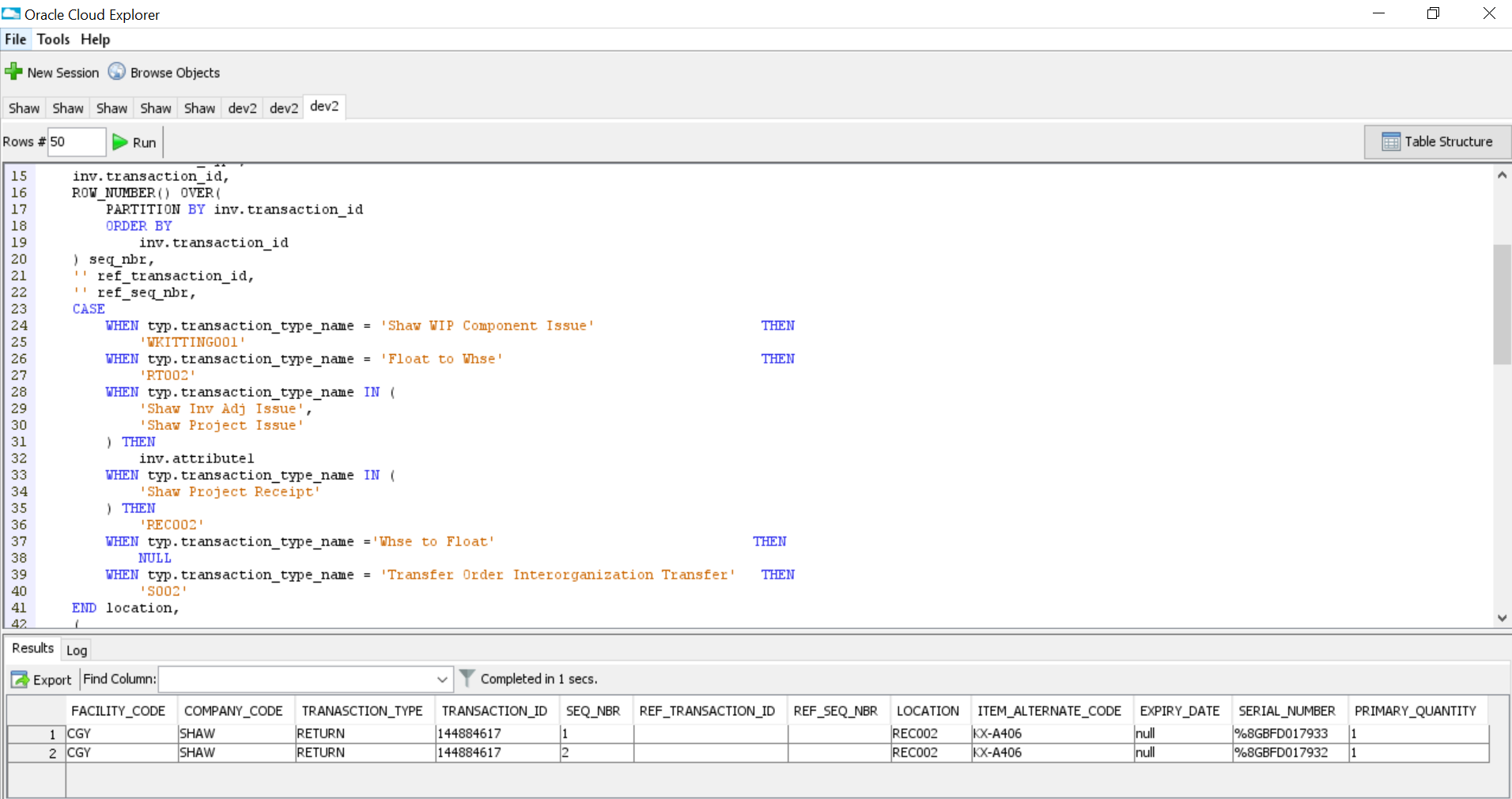
inv.creation\_date > to\_timestamp('2020-02-11 23:03:10.647000000', 'YYYY-MM-DD HH24:MI:SS.FF')

AND inv.creation\_date <= to\_timestamp('2020-02-12 19:05:30.647000000', 'YYYY-MM-DD HH24:MI:SS.FF')

)

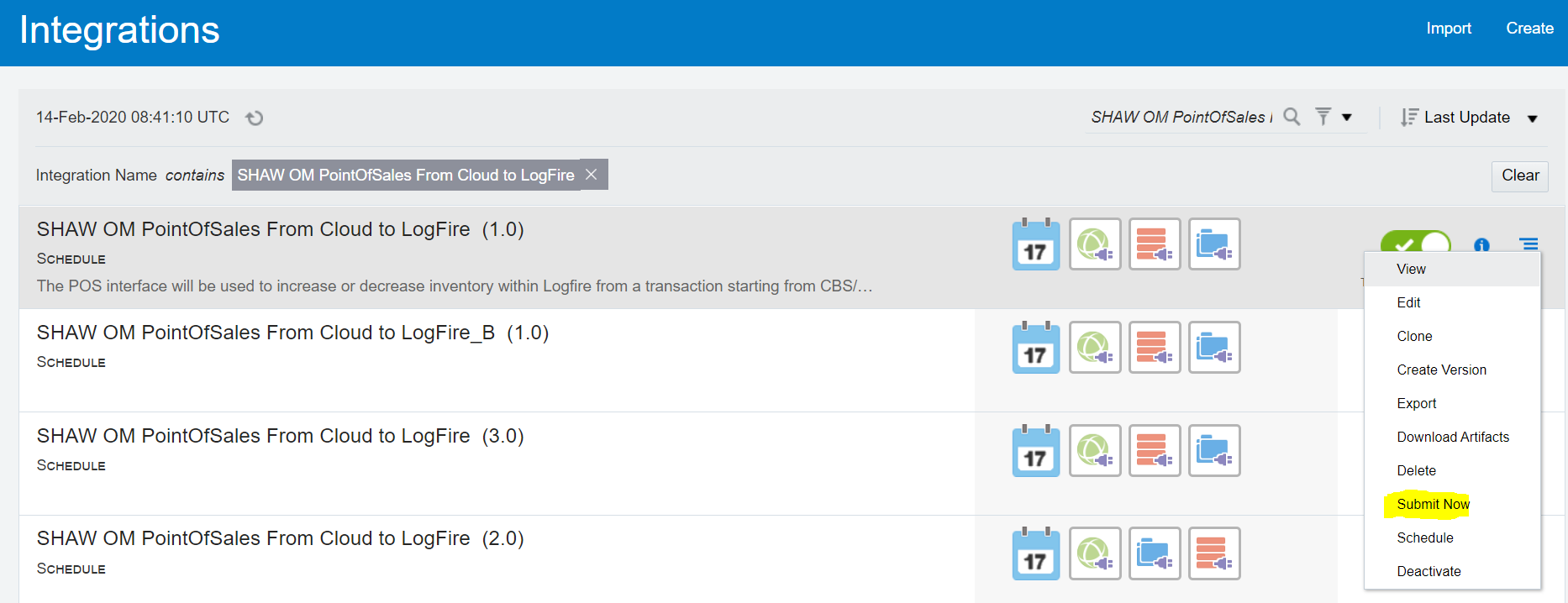
;

**Change timestamp according in the above query.**

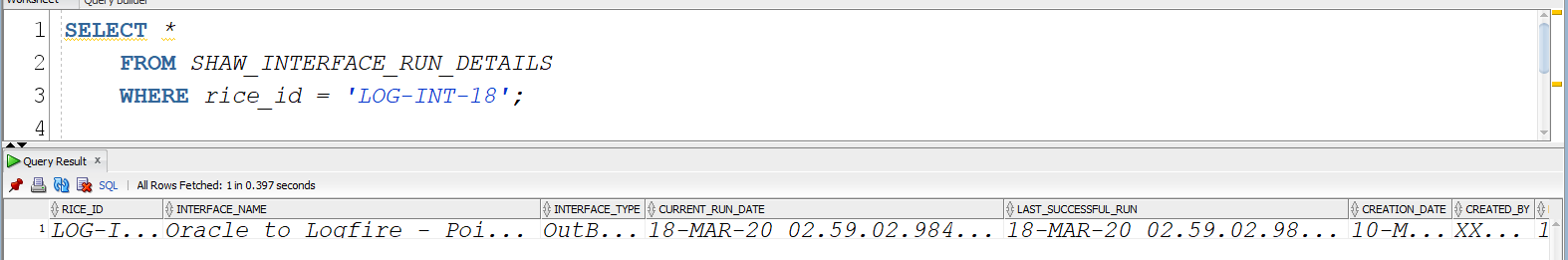


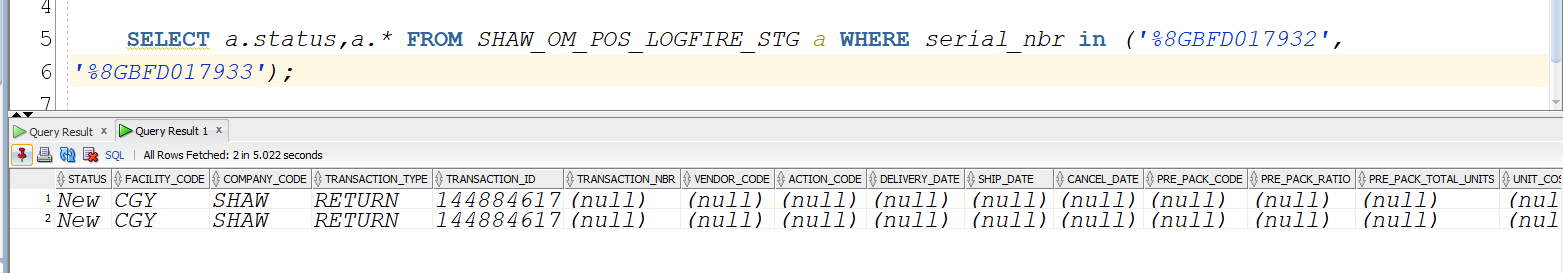
Test Data is valid.

Run the integration “SHAW OM PointOfSales From Cloud to LogFire”

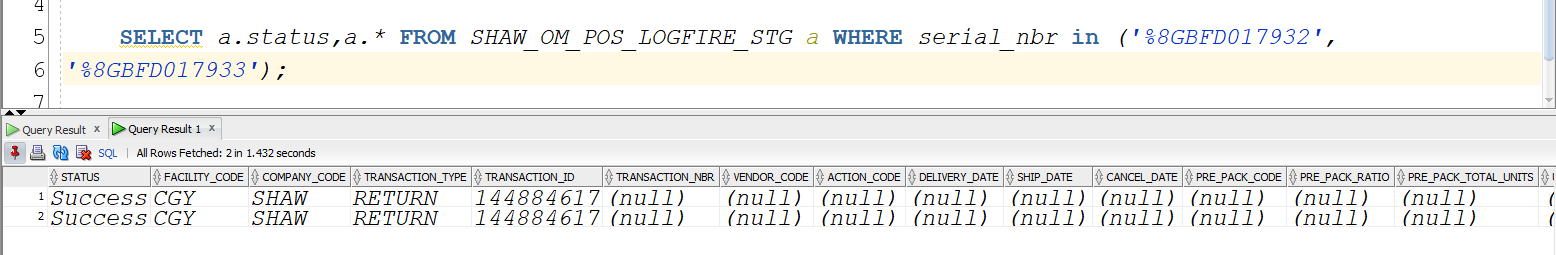


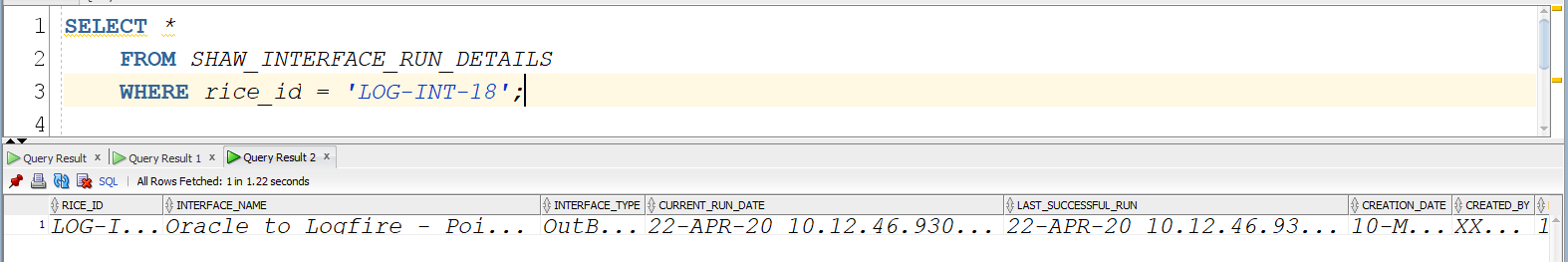
Run the below query to get Current\_Run\_Date and Last\_Successful\_Run





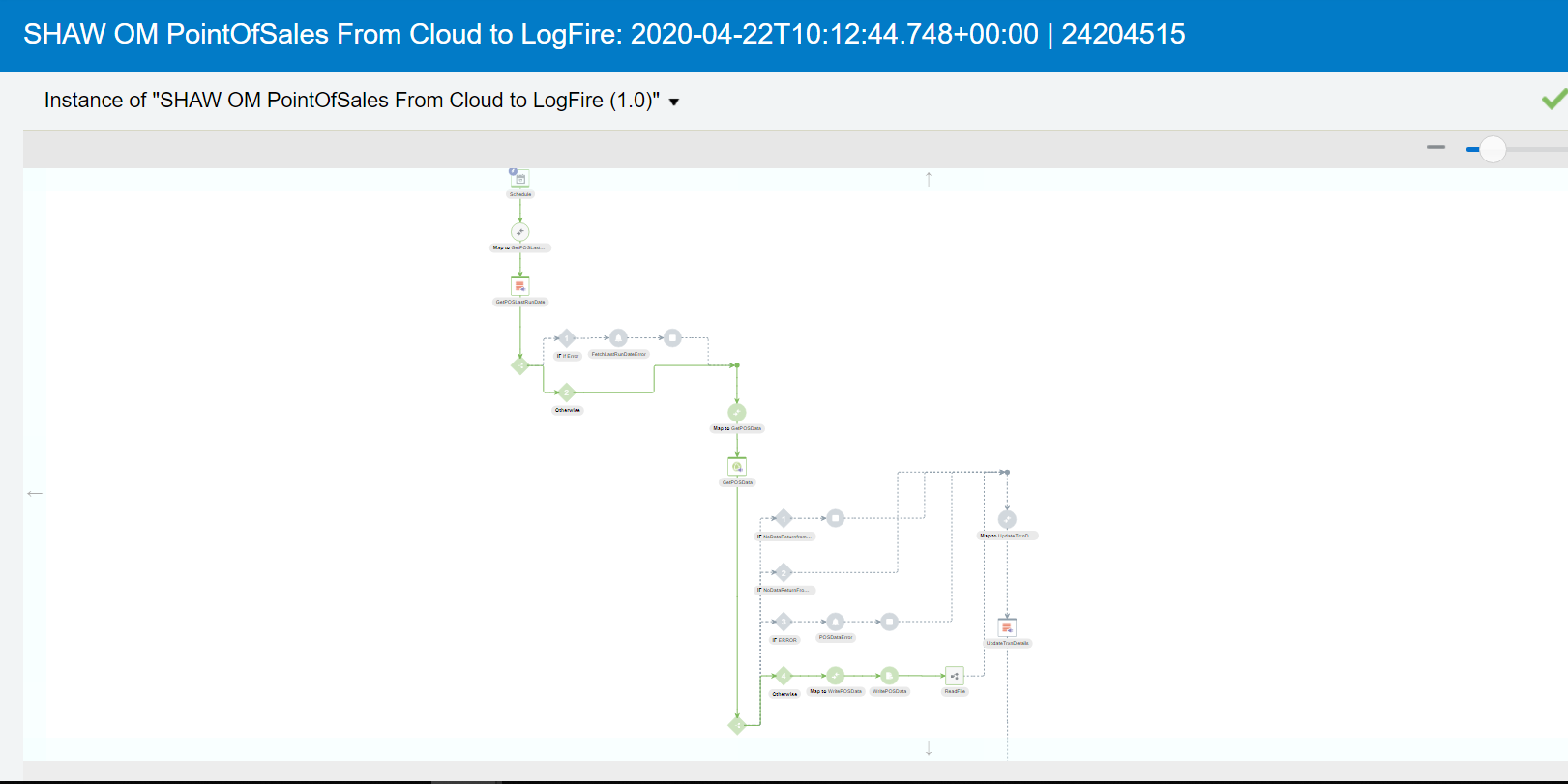
The records got inserted in SHAW\_OM\_POS\_LOGFIRE\_STG





Current\_Run\_Date and Last\_Successful\_Run has been updated.

Tracking in ICS



File is created in Out and Archive folder in FTP Server

