Times shown are for example only

Task#1: Incremental Jobs:

/home/ascprocessprod/cron/TWS\_DIP\_Archive\_Processing.sh PROD > /home/ascprocessprod/cron/log/TWS\_DIP\_Archive\_Processing\_`date +\%y\%m\%d\%H\%M\%S`.log 2>&1

**Start Time(EST):** 21:25 PM

**End Time(EST):** 23:30 PM

Refer to Orchestration Workbook to check time of incoming file(s)

Following are source files for this batch:

* lbca\_lb\_vb\_insightrawdata
* lbca\_pfbc\_n\_ads\_dly\_change\_file\_temp
* lbca\_51390\_opt\_in
* lbca\_51391\_opt\_in
* lbca\_51390\_opt\_out
* lbca\_51391\_opt\_out
* lbca\_51390\_click
* lbca\_51391\_click
* lbca\_51390\_open
* lbca\_51391\_open
* lbca\_51390\_bounce
* lbca\_51391\_bounce

Task#2: ATG Registered Customer Feed:

/home/ascprocessprod/cron/TWS\_DIP\_Archive\_Processing.sh PROD > /home/ascprocessprod/cron/log/TWS\_DIP\_Archive\_Processing\_`date +\%y\%m\%d\%H\%M\%S`.log 2>&1

**Start Time(EST):** 1:30 AM

**End Time(EST):** 2:30 AM

Refer to Orchestration Workbook to check time of incoming file(s)

Task#3: ATG Guest Customer/ ORPOS IBR Feed:

/home/ascprocessprod/cron/TWS\_DIP\_Archive\_Processing.sh PROD > /home/ascprocessprod/cron/log/TWS\_DIP\_Archive\_Processing\_`date +\%y\%m\%d\%H\%M\%S`.log 2>&1

**Start Time(EST):** 3:05 AM

**End Time(EST):** 4:55 AM

Refer to Orchestration Workbook to check time of incoming file(s)

Task#4: CRM History Incremental Extract:

**Run by CRM team, not by EDL team**

Includes 9 history incremental feeds, merge and customer activity

**Start Time(EST):** 12:30 AM

**End Time(EST):** 1:30 AM

Task#5: Load customer activity in raw layer

Customer activity to be loaded as soon as CRM provides the extract

**Start Time(EST):** 4:30 AM

**End Time(EST):** 5:00 AM

CRM runs this batch. The batch name is lbca\_hst\_customer\_activity, once received CEM have to run following script to load in to raw layer

* /home/ascprocessprod/cust\_loading.sh

Please refer to Data Ingestion to EDL using aDIP - Operation Manual for details on tasks below

Task#6 thru #9 History Incremental

This is automated execution, team to monitor progress of each job and call out issues if any immediately

truncate table ascena\_staging.lbca\_incremental\_batch\_details;

select count(\*) from ascena\_staging.lbca\_incremental\_batch\_details;

Step 1 -

Run with service id: ascprocessprod

/home/ascprocessprod/cron/CRON1.sh PROD > /home/ascprocessprod/cron/log/CRON1\_`date +\%y\%m\%d\%H\%M\%S`.log 2>&1

Step 2 -

Run as ascsftp

/home/ascprocessprod/cron/file\_decrypt.sh PROD > /home/ascsftp/log/file\_decrypt\_`date +\%y\%m\%d\%H\%M\%S`.log 2>&1

Step 3 -

Run as ascprocessprod

/home/ascprocessprod/cron/PushToRawLayer.sh PROD > /home/ascprocessprod/cron/log/PushToRawLayer\_`date +\%y\%m\%d\%H\%M\%S`.log 2>&1

Step 4 -

Run as ascprocessprod

/home/ascprocessprod/cron/PushToConformedLayer.sh PROD > /home/ascprocessprod/cron/log/PushToConformedLayer\_`date +\%y\%m\%d\%H\%M\%S`.log 2>&1

**Start Time(EST): 2**:30 AM

**End Time(EST):** 6:45 AM

Task#10:

Legacy customer ID feed Extraction from Teradata

(ORPOS, ECOM, EMP and PLCC)

Do when no TPT job is running in CRM end – Run by CEM team to load into RAW Layer

**Start Time(EST): 5**:00 AM

**End Time(EST):** 5:45 AM

Run by CEM Team, Script executed:

* /home/ascprocessprod/legacy\_loading.sh

Task#11:

Legacy Customer ID Update

(ORPOS, ECOM, EMP and PLCC)

**Start Time(EST): 5**:50 AM

**End Time(EST):** 7:00 AM

Every day we have to run Update\_Legacy\_CUSTID feed.

Run as ascprocessprod with beeline connection:

!run /home/ascprocessprod/cron/ctl/Update\_Legacy\_CUSTID\_TD.q

Task#12: Merge

Use the command line provided in email for Merge. Merge script will also trigger legacy customer id update queries.

STEP 6-

Run as ascprocessprod

/home/ascprocessprod/cron/PushToConformedLayer\_Merge.sh PROD > /home/ascprocessprod/cron/log/PushToConformedLayer\_Merge\_`date +%y%m%d%H%M%S`.log 2>&1

Issues (if any) because of executing the command line below, should not delay us from completing the history incremental feeds.

**Start Time(EST): 6**:45 AM

**End Time(EST):** 8:15 AM

Task#13: Transaction Incremental - Conform Layer

This activity is independent and should be done in parallel with task 6 run the script.

Irrespective to merge step, run transaction incremental and campaign transaction incremental sequentially

Tables for transaction incremental to be prepared before 3:00 EST.

Loyalty process dependent on this. We are monitoring if files arrive and Transaction Incremental starts or not

**Start Time(EST): 3**:00 AM

**End Time(EST):** 4:15 AM

/home/ascprocessprod/cron/Transaction\_Incremental\_Conform\_Layer.sh PROD > /home/ascprocessprod/cron/log/Transaction\_Incremental\_Conform\_Layer\_`date +\%Y\%m\%d\%H\%M\%S`.log 2>&1

In case we need to push to conform layer for past date/old days data we need to run the sqls manually from transaction\_incr.q passing batch\_id instead of batch\_id = from\_unixtime(unix\_timestamp(date\_sub(current\_date,1) , 'yyyy-MM-dd'), 'yyyyMMdd');

Need to run adhoc scripts

transaction\_xref\_buyer\_inc.q

and

transaction\_xref\_payer\_inc.q

as well passing batch\_id

##Flow of data from Sales Audit to staging layer

-SA files are SFTPed by FWM to EFT server

-Hygiene Jobs to be run for 2 files (Transaction Header for LB and CA)

-EFT team will run batches to post them in Edge-Node

-IBM tem will then run following DIP TWS jobs to load ascena\_staging transaction tables

|  |  |  |
| --- | --- | --- |
| **File Id** | **TWS Job Name** | **File Name** |
| 7117 | P2D\_LBCA\_7117\_JS | LBCA\_LB\_SALES\_TRANSACTION\_HEADER\_YYYYMMDD\_HHMMSS.txt |
| 7118 | P2D\_LBCA\_7118\_JS | LBCA\_LB\_SALES\_TRANSACTION\_CUSTOMER\_YYYYMMDD\_HHMMSS.txt |
| 7119 | P2D\_LBCA\_7119\_JS | LBCA\_LB\_SALES\_TRANSACTION\_DETAIL\_YYYYMMDD\_HHMMSS.txt |
| 7120 | P2D\_LBCA\_7120\_JS | LBCA\_LB\_SALES\_TRANSACTION\_DISCOUNT\_YYYYMMDD\_HHMMSS.txt |
| 7121 | P2D\_LBCA\_7121\_JS | LBCA\_LB\_SALES\_TRANSACTION\_FEE\_YYYYMMDD\_HHMMSS.txt |
| 7122 | P2D\_LBCA\_7122\_JS | LBCA\_LB\_SALES\_TRANSACTION\_NOTES\_YYYYMMDD\_HHMMSS.txt |
| 7123 | P2D\_LBCA\_7123\_JS | LBCA\_LB\_SALES\_TRANSACTION\_PAYMENT\_YYYYMMDD\_HHMMSS.txt |
| 7124 | P2D\_LBCA\_7124\_JS | LBCA\_LB\_SALES\_TRANSACTION\_RETURN\_YYYYMMDD\_HHMMSS.txt |
| 7125 | P2D\_LBCA\_7125\_JS | LBCA\_LB\_SALES\_TRANSACTION\_TAX\_YYYYMMDD\_HHMMSS.txt |
| 7126 | P2D\_LBCA\_7126\_JS | LBCA\_LB\_SALES\_TRANSACTION\_TENDER\_YYYYMMDD\_HHMMSS.txt |
| 7135 | P2D\_LBCA\_7135\_JS | LBCA\_CA\_SALES\_TRANSACTION\_CUSTOMER\_YYYYMMDD\_HHMMSS.txt |
| 7136 | P2D\_LBCA\_7136\_JS | LBCA\_CA\_SALES\_TRANSACTION\_DETAIL\_YYYYMMDD\_HHMMSS.txt |
| 7137 | P2D\_LBCA\_7137\_JS | LBCA\_CA\_SALES\_TRANSACTION\_DISCOUNT\_YYYYMMDD\_HHMMSS.txt |
| 7138 | P2D\_LBCA\_7138\_JS | LBCA\_CA\_SALES\_TRANSACTION\_FEE\_YYYYMMDD\_HHMMSS.txt |
| 7139 | P2D\_LBCA\_7139\_JS | LBCA\_CA\_SALES\_TRANSACTION\_HEADER\_YYYYMMDD\_HHMMSS.txt |
| 7140 | P2D\_LBCA\_7140\_JS | LBCA\_CA\_SALES\_TRANSACTION\_NOTES\_YYYYMMDD\_HHMMSS.txt |
| 7141 | P2D\_LBCA\_7141\_JS | LBCA\_CA\_SALES\_TRANSACTION\_PAYMENT\_YYYYMMDD\_HHMMSS.txt |
| 7142 | P2D\_LBCA\_7142\_JS | LBCA\_CA\_SALES\_TRANSACTION\_RETURN\_YYYYMMDD\_HHMMSS.txt |
| 7143 | P2D\_LBCA\_7143\_JS | LBCA\_CA\_SALES\_TRANSACTION\_TAX\_YYYYMMDD\_HHMMSS.txt |
| 7144 | P2D\_LBCA\_7144\_JS | LBCA\_CA\_SALES\_TRANSACTION\_TENDER\_YYYYMMDD\_HHMMSS.txt |

Files are archived in Edge-Node in following location after successful run of TWS jobs:

/ascena\_prod/data/archive/cem/lbca/\*

Task#14: Transaction Incremental - Campaign Mart

Inform Unica team as soon as transaction campaign mart is loaded.

**This activity is dependent only on task #13**

##No longer needed, may be discontinued

**Start Time(EST):** 4:25 AM

**End Time(EST):** 5:40 AM

/home/ascprocessprod/cron/Transaction\_Incremental\_Campaign\_Mart.sh PROD > /home/ascprocessprod/cron/log/Transaction\_Incremental\_Campaign\_Mart\_`date +\%Y\%m\%d\%H\%M\%S`.log 2>&1

Task#15: Persona transaction xref

**Trigger this once task 13 is complete.**

**Start Time(EST): 8**:20 AM

**End Time(EST):** 9:30 AM

Persona\_Transaction\_Xref – Run only after Merge and Transaction Incremental completed for that day:

/home/ascprocessprod/cron/Persona\_Transaction\_Xref.sh PROD > /home/ascprocessprod/cron/log/Persona\_Transaction\_Xref\_`date +\%Y\%m\%d\%H\%M\%S`.log 2>&1

Task#16: click open and soft bounce and Real\_time\_396

**Start Time(EST): 8**:20 AM

**End Time(EST):** 9:30 AM

STEP 8-

Run as ascsftp

/home/ascprocessprod/cron/decrypt\_for\_click\_open\_396.sh PROD > /home/ascsftp/log/click\_open\_396\_file\_decrypt\_`date +\%y\%m\%d\%H\%M\%S`.log 2>&1

STEP 9-

Run as ascprocessprod

/home/ascprocessprod/cron/Push\_to\_rawlayer\_click\_open.sh PROD > /home/ascprocessprod/cron/log/Push\_to\_rawlayer\_click\_open\_`date +\%y\%m\%d\%H\%M\%S`.log 2>&1

STEP 10-

Run as ascprocessprod

/home/ascprocessprod/cron/PushToConformLayer\_Click\_open\_396.sh PROD > /home/ascprocessprod/cron/log/PushToConformLayer\_Click\_open\_396\_`date +\%y\%m\%d\%H\%M\%S`.log 2>&1

If step 8 fails check for PushToConformedLayer\_email.GO in /home/ascprocessprod/cron/work

(Delete it) and run again

If want to run click\_open, bounce and 396 manually then run the below strings in beeline

{

STEP 8 - Run after Completion of Transaction XREF

Run as ascprocessprod

!run /ascena\_prod/scripts/click\_open/LBCA\_Click\_Open.q

STEP 9

Run as ascprocessprod

!run /ascena\_prod/scripts/Soft\_Bounce\_Reset/Soft\_bounce\_Count\_Reset\_PROD.q

STEP 10

Run as ascprocessprod

!run /ascena\_prod/scripts/real\_time\_396/real\_time\_396.q

}

Task#17: LOYL\_Persona\_Creation

Loyalty script scheduled thru cron to run at 11:35 AM EST. If this cron script is skipped due to predecessor batch miss, need to run manually

35 10 \* \* \* /home/ascprocessprod/cron/LOYL\_Persona\_Creation.sh PROD > /home/ascprocessprod/cron/log/LOYL\_Persona\_Creation\_`date +\%y\%m\%d\%H\%M\%S`.log 2>&1

Task#18: store & item incremental

**Run before Brand\_Customer - Conform\_Layer**

**before brand customer make sure customer\_activity is loaded. Run after Persona\_Transaction\_Xref**

**Start Time(EST): 5**:45 AM

**End Time(EST):** 7:00 AM

Run as ascprocessprod

!run /ascena\_prod/scripts/store/LB\_CA\_Item\_v3.q

!run /ascena\_prod/scripts/store/LB\_CA\_Store\_inc\_v3.q

Task#19

Brand Customer - Conform Layer:

After running campaign store and campaign item, **RUN MANUALLY. We can schedule thru cron**

/home/ascprocessprod/cron/Brand\_Customer\_Conform\_Layer\_Load.sh PROD > /home/ascprocessprod/cron/log/Brand\_Customer\_Conform\_Layer\_Load\_`date +\%Y\%m\%d\%H\%M\%S`.log 2>&1

Below show the dependency of each script

|  |  |  |  |
| --- | --- | --- | --- |
| **S.No** | **Job Name** | **Dependency** | **Script Name** |
| 1 | Batch Initialize script | Dependent on Task # 9  Of previous day run | CRON1.sh |
| 2 | Incremental Load | Dependent on Task # 1 | TWS\_DIP\_Archive\_Processing.sh  TWS\_DIP\_Archive\_Processing\_Employee\_feed.sh |
| 3 | History Incremental | Dependent on Task # 2 | file\_decrypt.sh PushToRawLayer.sh PushToConformedLayer.sh |
| 4 | Merge & Legacy Cust\_ID update | Dependent on Task # 3 | PushToConformedLayer\_Merge.sh |
| 5 | Transaction Incremental - Conform Layer | Time Dependent, Run after 3:15 am est | Transaction\_Incremental\_Conform\_Layer.sh |
| 6 | Transaction Incremental - Campaign Mart | Dependent on Task # 5 | Transaction\_Incremental\_Campaign\_Mart.sh |
| 7 | Persona transaction xref | Dependent on Task # 4 | Persona\_Transaction\_Xref.sh |
| 8 | Brand Customer - Conform Layer | Dependent on Task # 7 | Brand\_Customer\_Conform\_Layer\_Load.sh |
| 9 | Brand Customer - Campaign Mart | Dependent on Task # 8 | Brand\_Customer\_Campaign\_Mart\_Load.sh |
| 10 | Monitor logs |  |  |

PLUS Loyatly:

Cron scripts scheduled to run as per schedule below (Time shown in CST, for EST, add 1 hour)

**Following Highlighted batches are discontinued as of 04/02, on EDL as these are now sent from CRM as part of Flow#1 PLUS Go-Live**

00 05 \* \* \* /ascena\_prod/asc/src/loy/scripts/loyalty\_ca\_outbound.sh

00 05 \* \* \* /ascena\_prod/asc/src/loy/scripts/loyalty\_lb\_outbound.sh

/ascena\_prod/asc/src/loy/scripts/loy\_cat\_transaction.sh PROD > /home/ascprocessprod/cron/log/loy/loy\_cat\_transaction\_`date +\%y\%m\%d\%H\%M\%S`.log 2>&1;

/ascena\_prod/asc/src/loy/scripts/loy\_cat\_transaction\_detail.sh PROD > /home/ascprocessprod/cron/log/loy/loy\_cat\_transaction\_detail\_`date +\%y\%m\%d\%H\%M\%S`.log 2>&1;

/ascena\_prod/asc/src/loy/scripts/loy\_cat\_certificate.sh PROD > /home/ascprocessprod/cron/log/loy/loy\_cat\_certificate\_`date +\%y\%m\%d\%H\%M\%S`.log 2>&1;

/ascena\_prod/asc/src/loy/scripts/loy\_ca\_rpt\_trans\_header.sh PROD > /home/ascprocessprod/cron/log/loy/loy\_ca\_rpt\_trans\_header\_`date +\%y\%m\%d\%H\%M\%S`.log 2>&1;

/ascena\_prod/asc/src/loy/scripts/loy\_ca\_rpt\_trans\_detail.sh PROD > /home/ascprocessprod/cron/log/loy/loy\_ca\_rpt\_trans\_detail\_`date +\%y\%m\%d\%H\%M\%S`.log 2>&1

Work files executed:

/ascena\_prod/asc/src/loy/sql

load\_loy\_cat\_transaction\_work.hql

load\_loy\_cat\_transaction\_detail\_work.hql

load\_loy\_cat\_Certificate\_work.hql

load\_loy\_ca\_rpt\_trans\_header\_work.hql

load\_loy\_ca\_rpt\_trans\_detail\_work.hql

/ascena\_prod/asc/src/loy/scripts/loy\_ca\_rpt\_trans\_header.sh

is dependent on

/ascena\_prod/asc/src/loy/scripts/loy\_cat\_transaction.sh

/ascena\_prod/asc/src/loy/scripts/loy\_lbr\_transaction.sh PROD > /home/ascprocessprod/cron/log/loy/loy\_lbr\_transaction\_`date +\%y\%m\%d\%H\%M\%S`.log 2>&1;

/ascena\_prod/asc/src/loy/scripts/loy\_lbr\_transaction\_detail.sh PROD > /home/ascprocessprod/cron/log/loy/loy\_lbr\_transaction\_detail\_`date +\%y\%m\%d\%H\%M\%S`.log 2>&1;

/ascena\_prod/asc/src/loy/scripts/loy\_lbr\_certificate.sh PROD > /home/ascprocessprod/cron/log/loy/loy\_lbr\_certificate\_`date +\%y\%m\%d\%H\%M\%S`.log 2>&1;

/ascena\_prod/asc/src/loy/scripts/loy\_lb\_rpt\_trans\_header.sh PROD > /home/ascprocessprod/cron/log/loy/loy\_lb\_rpt\_trans\_header\_`date +\%y\%m\%d\%H\%M\%S`.log 2>&1;

/ascena\_prod/asc/src/loy/scripts/loy\_lb\_rpt\_trans\_detail.sh PROD > /home/ascprocessprod/cron/log/loy/loy\_lb\_rpt\_trans\_detail\_`date +\%y\%m\%d\%H\%M\%S`.log 2>&1

Work files executed:

/ascena\_prod/asc/src/loy/sql

load\_loy\_lbr\_transaction\_work.hql

load\_loy\_lbr\_transaction\_detail\_work.hql

load\_loy\_lbr\_Certificate\_work.hql

load\_loy\_lb\_rpt\_trans\_header\_work.hql

load\_loy\_lb\_rpt\_trans\_detail\_work.hql

/ascena\_prod/asc/src/loy/scripts/loy\_lb\_rpt\_trans\_header.sh

is dependent on

/ascena\_prod/asc/src/loy/scripts/loy\_lbr\_transaction.sh

**Account Update PLUS scripts;**

00 10 \* \* \* /ascena\_prod/asc/src/loy/scripts/loy\_lbr\_account\_update.sh

/ascena\_prod/asc/src/loy/scripts/loy\_lbr\_Account.sh PROD > /home/ascprocessprod/cron/log/loy/loy\_lbr\_account\_`date +\%y\%m\%d\%H\%M\%S`.log 2>&1

&& /ascena\_prod/asc/src/loy/scripts/loy\_lb\_crm\_account\_update.sh PROD > /home/ascprocessprod/cron/log/loy/loy\_lb\_crm\_account\_update\_`date +\%y\%m\%d\%H\%M\%S

`.log 2>&1 && /ascena\_prod/asc/src/loy/scripts/loy\_lb\_rpt\_account\_update.sh PROD > /home/ascprocessprod/cron/log/loy/loy\_lb\_rpt\_account\_update\_`date +\%y\%m\

%d\%H\%M\%S`.log 2>&1

30 10 \* \* \* /ascena\_prod/asc/src/loy/scripts/loy\_cat\_account\_update.sh

/ascena\_prod/asc/src/loy/scripts/loy\_cat\_Account.sh PROD > /home/ascprocessprod/cron/log/loy/loy\_cat\_account\_`date +\%y\%m\%d\%H\%M\%S`.log 2>&1

&& /ascena\_prod/asc/src/loy/scripts/loy\_ca\_crm\_account\_update.sh PROD > /home/ascprocessprod/cron/log/loy/loy\_ca\_crm\_account\_update\_`date +\%y\%m\%d\%H\%M\%S

`.log 2>&1 && /ascena\_prod/asc/src/loy/scripts/loy\_ca\_rpt\_account\_update.sh PROD > /home/ascprocessprod/cron/log/loy/loy\_ca\_rpt\_account\_update\_`date +\%y\%m\

%d\%H\%M\%S`.log 2>&1

To rerun in case of batch abort

Pass transaction date as 2nd parameter for

/ascena\_prod/asc/src/loy/scripts/loy\_lbr\_transaction.sh

and

/ascena\_prod/asc/src/loy/scripts/loy\_lbr\_transaction\_detail.sh

e.g.

cd /ascena\_prod/asc/src/loy/scripts/

sh loy\_lbr\_transaction\_detail.sh PROD 2019-11-24 > /home/ascprocessprod/cron/log/loy/loy\_lbr\_transaction\_detail\_`date +\%y\%m\%d\%H\%M\%S`.log 2>&1

Can run rpt scripts as is, no need to pass transaction date

Need to convert all Plus Loyalty scripts to master scripts

Need to add dependencies with .GO files of other scripts including Transaction Incremental and potential other scripts

#!/bin/sh

CONNECT\_STRING="jdbc:hive2://edllbphmg01.prod.ascena.com:2181,edllbphmg03.prod.ascena.com:2181,edllbphmg02.prod.ascena.com:2181/;serviceDiscoveryMode=zooKeeper;zooKeeperNamespace=hiveserver2"

v\_curr\_time=`date +%Y-%m-%d' '%H:%M:%S`

beeline -u $CONNECT\_STRING --silent=true -e "insert overwrite table ascena\_staging.lbca\_incremental\_batch\_details values('20200223','20200224','OPEN','${v\_curr\_time}')"