**IF 103/A PROCESSES**

**IF 103 (DSAMS => SAN)**

OUTPUT: **WILDCAT SERVER (utinhr16: Linux)**

* Scripts (control-m: dsams-user)

Origial:

sh /u51/interface/intftp.sh sndsan(a/f/n/r) /interface/(prod/qa/ect)/scripts

=> sh $script\_dir/int\_if103\_sano.sh SNDSANA a

=> int\_if103\_sano.pri SNDSANA a

\* Extract training data from DSAMS DB & put in /interface/production/data

=> open(TRAINITEM,"> =/interface/production/data/sano.\*.dat.a)

=> open(AUDIT, ">>/interface/production/audit/sano.aud.a.\*)

=> mailx -s $email\_notify

=> mv -f $audit\_dir/sano.aud.a $audit\_dir/santo.aud.a.1802614:16

=> sh $script\_dir/int\_if103\_sano.sh SNDSANN n => int\_if103\_sano.pri SNDSANN n

=> sh $script\_dir/int\_if103\_sano.sh SNDSANF f => int\_if103\_sano.pri SNDSANF f

=> sh $script\_dir/int\_if103\_sano.sh SNDSANR r => int\_if103\_sano.pri SNDSANR r

Extra: (separate from the original)

=> sh $script\_dir/int\_if103\_sano\_(ito/pm/tp/ttlr/ttlw).pri/sh

\* $script\_dir =/interface/production/scripts

\* $input\_dir =/interface/production/data

\* $audit\_dir =/interface/production/audit

Data example:

1-6(Transaction Type Identifier) 7-13(Training Item Id) 14-20(Training MASL Code)

TI 0001696B113208BZ000002006100120070930COURSE10001689961 LOC 000002OH-58A/C MAINTENANCE TEST

PILOT QUALIFICATION 0NGB-WMTP-58 80A UDAN 05000 BN1AFIXED 01201304260229300

Audit example:

STARTING DSAMS xxxxxx TO SAN AUDIT FILE Day MMM DD HH:MM:SS EDT

YYYY xxxxxx = Army, Air Force, Navy, or Reference

Total number of records written to sano.ti file = *nnnnnn*

Error message:

ITOAVD - Exception\_Cd %1 for %2: %3

OUTBOUND:

* BT307 Merge Process (control-m: dsams-user)

sh /u51/interface/intftp.sh SNDSANC /interface/prod/scripts

=> sh $script\_dir/int\_bt307\_sanc.sh SNDSAN

\* Zip data files:(44) from $input\_dir & move it to /dsams/ngitftp/cloud/send

=> int\_bt307\_sanc.pri

=> print STDOUT "\nPROGRAM bt307\_sanc accumulate counts starting $date\n"

=> open(AUDIT,">>$audit\_dir/sano.aud")

=> open(AIRFFILE,"<$input\_dir/\*.audit.counts.dat")

=> iconv -f utf8 -t cp1252 (convert from utf8 to cp1252)

=> compress -f $input\_dir/backup/sano.\*.dat.yymmdd.Z

=> cp $FPZ /dsams/ngitftp/cloud/send/sano.\*.dat.yymmdd.Z

=> achive /interface/production/data/backup

* GOSUB(control-m: ngitftp)

/dsams/ngitftp gosub cloud /exec backgroup: /nohup gosub cloud &

=> /dsams/ngitftp/bin/runsub => input location:/dsams/ngitftp/cloud/sending

=> sftp -b /dsams/ngitftp/cloud/batch/runsub.20221126-031614 [dcsa031@sfg-share.csd.disa.mil](mailto:dcsa031@sfg-share.csd.disa.mil)

**=>** put batch runsub timestamp from CLOUD to SFG

=> sftp> cd [sftp/san\_sftp@sftprelay.apps.dsca.mil](mailto:sftp/san_sftp@sftprelay.apps.dsca.mil)

=> sftp> put /dsams/ngitftp/cloud/sending/sano.a.dat.221126.Z

**=>** put input zip files: 44 from CLOUD to DSCA SAN

\* $log\_dir = /dsams/ngitftp/cloud/log

* SFG Share (secure file gateway)**:**

[sftp/san\_sftp@sftprelay.apps.dsca.mil](mailto:sftp/san_sftp@sftprelay.apps.dsca.mil) input/output location: /sano.\*.Z files

**=>** put input from SFG Share to SFTP/SAN

* DSCA SFTP(chron job: sanftp)

cron job: /inboundData/san.py sanftp input location: /inboundData/san/

**=>** put input from DSCA SFTP to DSCA S3

* DSCA S3**:**

corn job: Daily-inbound input: s3://dsca-cde/san

s3://dsca‐cde/san/daily‐outbound/

**=>** put input from DSCA S3 to DSAMS SAN

* DSCA SAN:   
   D:\Program Files\IF103 Apps\DSAMS‐S3‐inbound.bat

input location: S3:/dsca‐cde/san

s3://dsca‐cde/san/daily‐outbound

INPUT: **SAN SERVER** **(plw.san.db: Window Server)**

* Scripts (task scheduler: san-user)

1. /batch job (IF103 for TMS9) – process\_if103\_data\_withZ.bat -> F:ftpRoot\usr\SanFTP\
2. D:\Program Files\IF103 Apps\Process\_IF103A\_Data.bat => import processing
3. D:\Program Files\IF103 Apps\log\_dir

**IF 103A (SAN => DSAMS)**

OUTPUT: **SAN SERVER** **(plw.san.db)**

* Scripts (task scheduler: san-user)

D:\Program Files\IF103 Apps\DSAMS‐S3/outbound.bat => output processing

=> bcp "EXEC %db%.dbo.EXPORT\_PM" queryout "%IF103A\_output%\cpm.txt"

=> Zip (25) bcp "EXEC %db%.dbo.EXPORT\_PM" queryout "%IF103A\_output%\cpm.txt"

=> sani.\*.gz

=> Archived **=**> D:\ Program Files\IF103 Apps\ IF103A\_archive\220216\_230559

OUTBOUND:

* DSCA SAN

D:\Program Files\IF103 Apps\DSAMS‐S3\outbound.bat

output: F:\FTProot\usr\sanftp\download\TMS9 (SAN)

input: s3://dsca‐cde/san/daily‐outbound/if103a‐dsams (S3 )

* DSCA S3

Daily-outbound

output: /dsca-cde/san/daily-outbound/ (S3)

input: \outboundData\san\san (SFTP)

* DSCA SFTP

corn job: san\_dsams\_outbound.py

output: \outboundData\san\san (SFTP)

input: /dsams/ngitftp/sanftp/sanftp/success (wildcat: 25 files)

INPUT: **WILDCAT SERVER (utinhr16: Linux)**

* Scripts (control-m: dsams-user)

sh /u51/interface/intftp.sh rcvsan /interface/(prod/qa/ect)/scripts

Uncompresses files (Iconv-s from CP-2152 to UTF-8)

sh $script\_dir/int\_if103a\_sani.sh => int\_if103a\_sani.pri

* Input Data

s3://dsca‐cde/san/daily‐inbound/sani.\*.dat

* Write on the files to the log & write out each file moved to the log
* Move files from s3://dsca‐cde/san/daily‐inbound/ to F:\ ftproot\usr\sanftp