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Oracle Shooter

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Tuesday, 26 February 2019

Multiple File upload thru HOST Concurrent Program

Multiple File upload thru HOST Concurrent Program

Requirement:-
A FTP location having multiple file and we need to
upload all files in system or any staging Table.
based on that we can write some
validation/program/interface anything.

Solution:-
1. Create table for data upload
2. Create .ctl Control File
3. Create .Prog File
4. Login to Putty
5. Create a Soft Link for Prof file for host program
6. Login in Filezilla or Winscp for file movement
7. Transfer all files
8. Provide Full Grants to .prog file
9. Register a concurrent HOST type program in Oracle ERP.
10 Run that program
11. Check all file moved or not to destination location
12. check into the TABLE.

See my video on my you tube Channel "ORACLE TECHNICAL SHOOTER"

1. Create Table Syntax:-
```
CREATE TABLE XXSD.XXSD_SQL_LOADER_TEST_TL
(
  HDR_ID         NUMBER,
  EMP_NAME       VARCHAR2(100 BYTE),
  EMP_DEPT       VARCHAR2(100 BYTE),
  EMP_DATE       DATE,
  CREATION_DATE  DATE,
  ORG_ID         NUMBER

)
```

2. Create .CTL file Syntax:-

```
OPTIONS (SKIP=1)
LOAD DATA
APPEND
```

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```
INTO TABLE XXSD.XXSD_HOST_PROGRAM_TL
FIELDS TERMINATED BY ','
OPTIONALLY ENCLOSED BY ""
TRAILING NULLCOLS
(
EMP_NAME ":EMP_NAME" ,
EMP_DEPT ":EMP_DEPT",
EMP_DATE ":EMP_DATE",
HDR_ID  "XXSD.XXSD_HOST_PROGRAM_SEQ.NEXTVAL",
CREATION_DATE        SYSDATE
)
```

3. Create .prog file Syntax:-

```
FCP_LOGIN=$1
v_file_dir=/u08/STG_APP/apps/apps_st/appl/xxsd/12.0.0/Custome_Folder
v_arch_dir=/u08/STG_APP/apps/apps_st/appl/xxsd/12.0.0/Custome_Folder/Archive
echo "**********************************************************"
echo "            INPUT PARAMETERS               "
echo "**********************************************************"
echo " File Directory"$v_file_dir
echo " Archive Directory"$v_arch_dir
echo " "

cd  $XXSD_TOP/CustReferral
echo `pwd`
#Checking number of files in directory
#Clearing contents of check.txt
> check.txt
v_file_count=`ls XXSD_MULTI_FILE*.csv |wc -l`
echo "Count is $v_file_count"
if [[ $v_file_count -gt 0 ]]; then
#writing the file name in directory to text file
#
echo "Inside If"
ls XXSD_MULTI_FILE* > $v_file_dir/test.txt
#
for file in $(cat test.txt)
do
echo "File_Name: $file"
L_TODAY_DATE=`date +%d-%m-%Y_%T`
L_LOG_FILE=`basename $file`
L_BKUP_FILE=`basename $file`

L_LOG_FILE="$file"_"$L_TODAY_DATE.log"
L_LOG_FILE="$v_file_dir/$L_LOG_FILE"

L_BKUP_FILE="$file:$L_BKUP_FILE_$L_TODAY_DATE"
L_BKUP_FILE="$v_arch_dir/$L_BKUP_FILE"

sqlldr userid=$FCP_LOGIN control=$XXSD_TOP/bin/XXSD_MULTI_FILE_CONTROL.ctl
log=$L_LOG_FILE silent=feedback bindsize=100000 data=$file
 if [ $? -eq 0 ]
   then

     echo "  "
      tail $L_LOG_FILE
    echo "  "
```

```
      echo "***SUCCESS***  SQL*LOADER FINISHED SUCCESSFULLY"
      echo "  "
      echo " Archiving before Exit !!"
      mv  $v_file_dir/$file $L_BKUP_FILE
      echo "File Archived at Path $L_BKUP_FILE"
    else
     echo "Error***  SQL*Loader finished with some error. See below log for more information"
     echo " Error during Load of  file : $file"
     echo "`cat $L_LOG_FILE`"
     l_exis_status=1
    fi
  done

echo "Remove Contents of Directory $v_file_dir and Move to $v_file_dir/Archive"
mv $v_file_dir/XXSD_MULTI_FILE*.csv $v_file_dir/Archive
echo "Script Ends"
else
 echo "inside else"
 echo "X" > $v_file_dir/check.txt
 exit 0;
fi
```

4. Login Putty:-

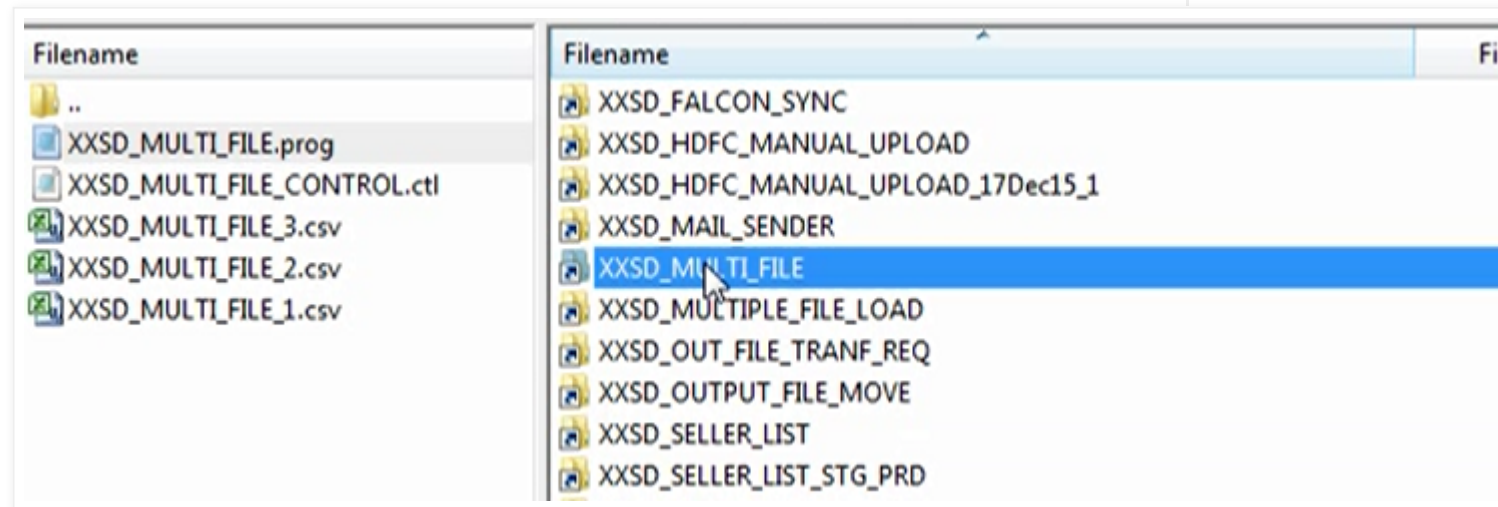**5. Go to :-** cd /u08/STG_APP/apps/apps_st/appl/xxsd/12.0.0/bin
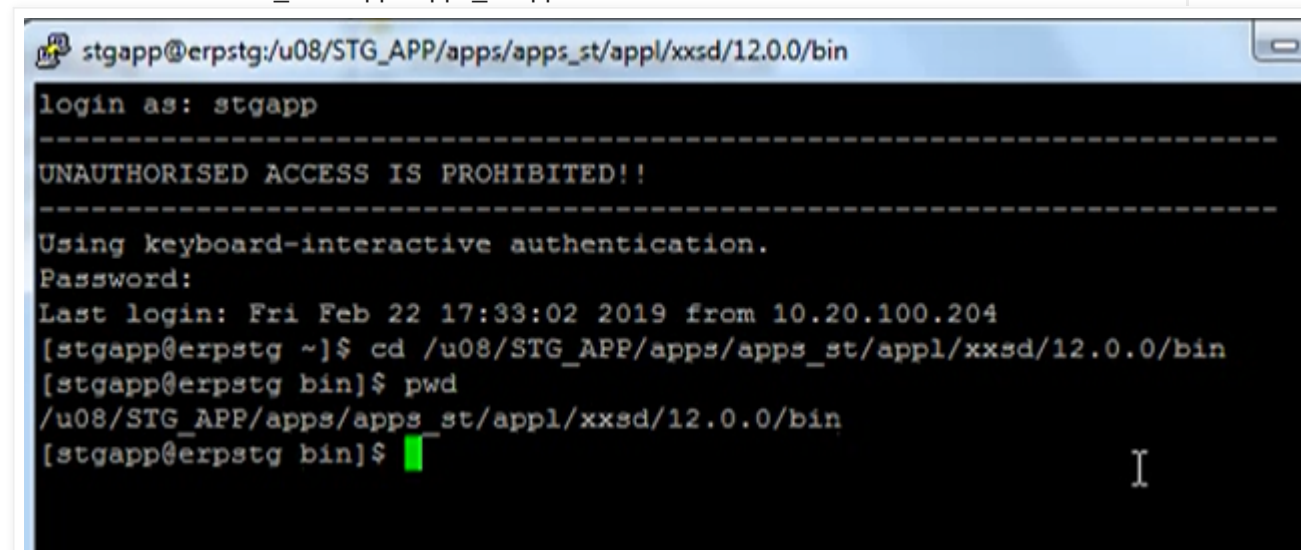
5.1. Run This for Sfot Link:-   ln -s $FND_TOP/bin/fndcpesr XXSD_MULTI_FILE_UPLOAD
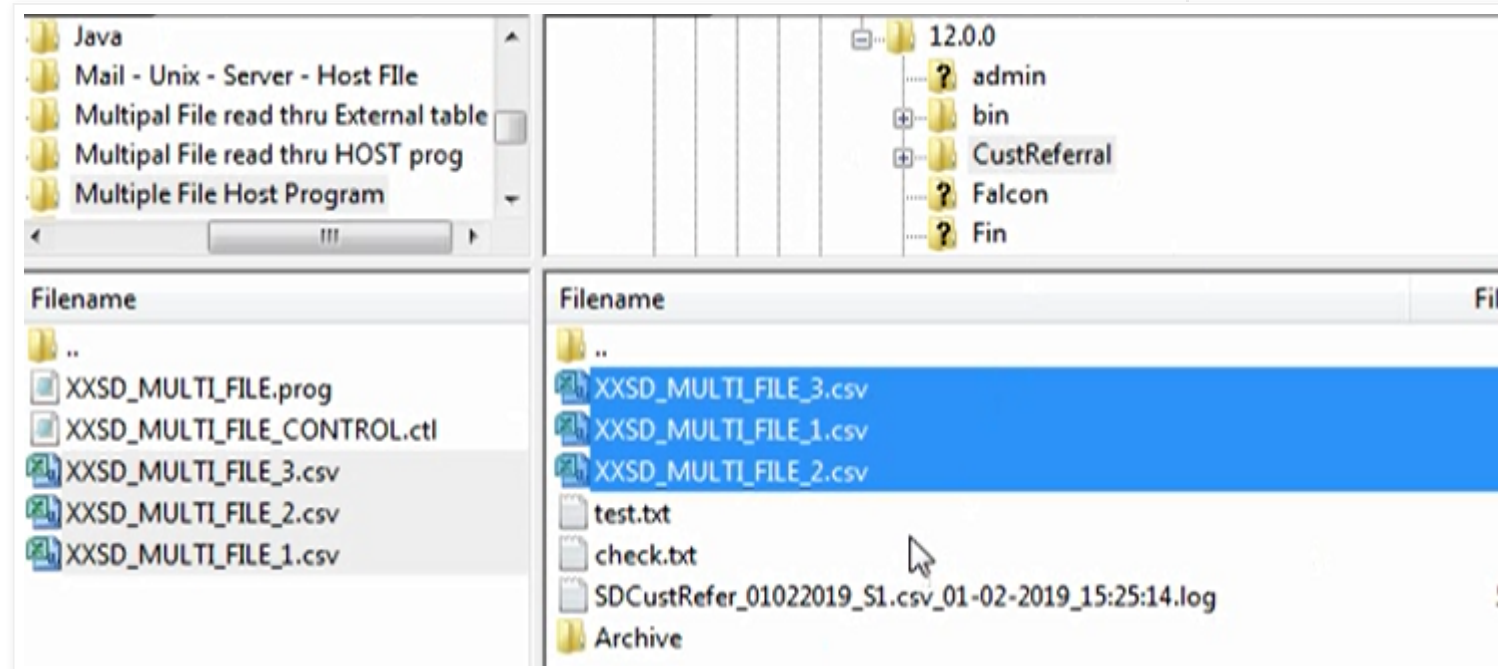
```
stgapp@erpstg:/u08/STG_APP/apps/apps_st/appl/xxsd/12.0.0/bin

login as: stgapp
------------------------------------------------------------------------
UNAUTHORISED ACCESS IS PROHIBITED!!
------------------------------------------------------------------------
Using keyboard-interactive authentication.
Password:
Last login: Fri Feb 22 17:33:02 2019 from 10.20.100.204
[stgapp@erpstg ~]$ cd /u08/STG_APP/apps/apps_st/appl/xxsd/12.0.0/bin
[stgapp@erpstg bin]$ pwd
/u08/STG_APP/apps/apps_st/appl/xxsd/12.0.0/bin
[stgapp@erpstg bin]$ ln -s $FND_TOP/bin/fndcpesr  XXSD_MULTI_FILE
```

Filename	Filename	Fil
..	XXSD_FALCON_SYNC	
XXSD_MULTI_FILE.prog	XXSD_HDFC_MANUAL_UPLOAD	
XXSD_MULTI_FILE_CONTROL.ctl	XXSD_HDFC_MANUAL_UPLOAD_17Dec15_1	
XXSD_MULTI_FILE_3.csv	XXSD_MAIL_SENDER	
XXSD_MULTI_FILE_2.csv	XXSD_MULTI_FILE	
XXSD_MULTI_FILE_1.csv	XXSD_MULTIPLE_FILE_LOAD	
	XXSD_OUT_FILE_TRANF_REQ	
	XXSD_OUTPUT_FILE_MOVE	
	XXSD_SELLER_LIST	
	XXSD_SELLER_LIST_STG_PRD	

6. File transfer:-

Java		12.0.0
Mail - Unix - Server - Host FIle		admin
Multipal File read thru External table		bin
Multipal File read thru HOST prog		CustReferral
Multiple File Host Program		Falcon
		Fin

Filename	Filename	Fil
..	..	
XXSD_MULTI_FILE.prog	XXSD_MULTI_FILE_3.csv	
XXSD_MULTI_FILE_CONTROL.ctl	XXSD_MULTI_FILE_1.csv	
XXSD_MULTI_FILE_3.csv	XXSD_MULTI_FILE_2.csv	
XXSD_MULTI_FILE_2.csv	test.txt	
XXSD_MULTI_FILE_1.csv	check.txt	
	SDCustRefer_01022019_S1.csv_01-02-2019_15:25:14.log	
	Archive	

7. Provide Full GRANT:- just right click on file and provide full permission

8. Run Concurrent Program

10. Check File is moved in Archive folder
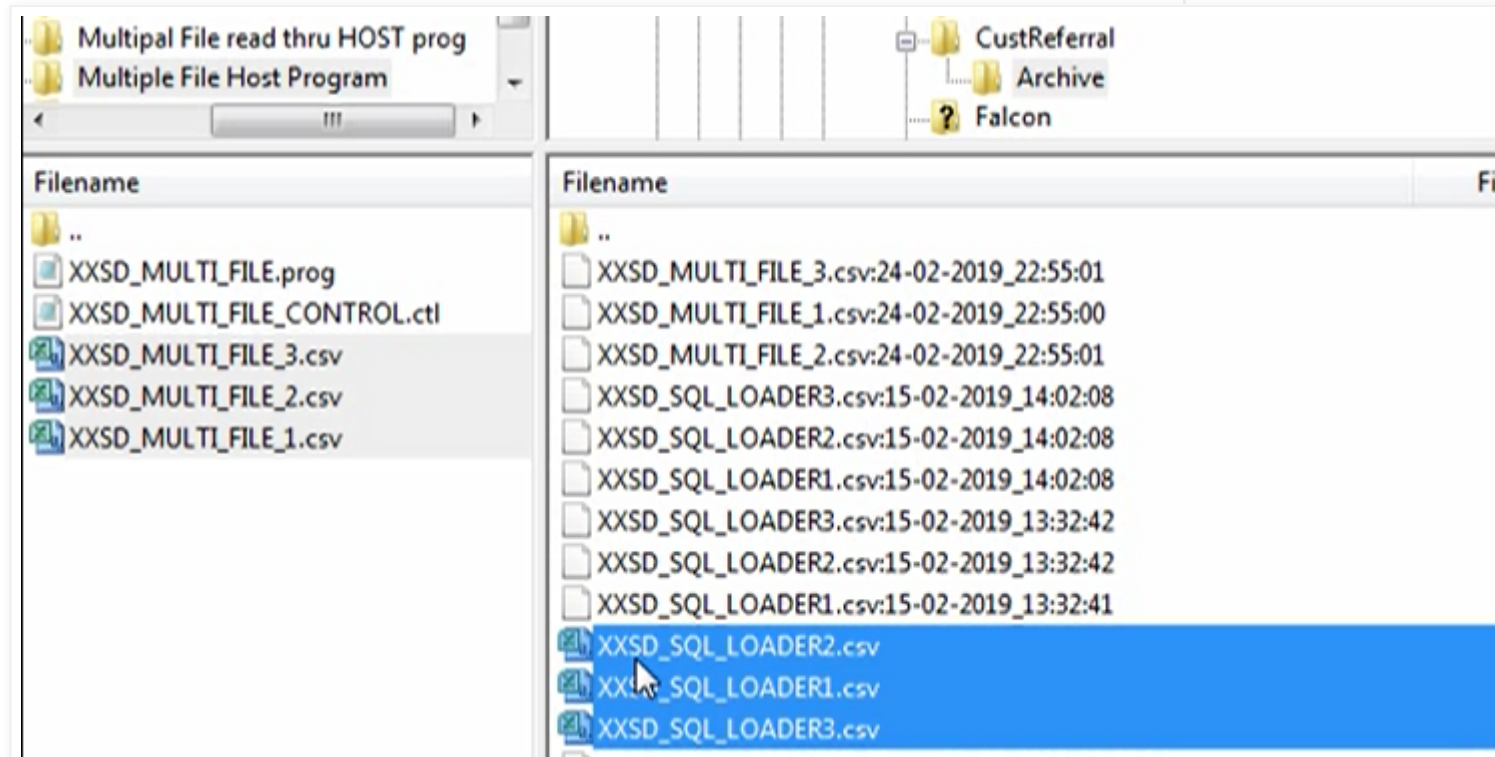
11. check into the table

Posted by Oracle Shooter at 09:53

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