
How To Run Upgrade Express under TWO_TASK

- **Article Type:** General
 - **Product:** Aleph
 - **Product Version:** 20, 21, 22, 23
-

Desired Outcome Goal:

Run Upgrade Express "Export Customer Data" and "Install Customer Data" in a TWO_TASK environment.

Procedure:

A. On the Source Application server, following the steps in the run the "Upgrading 20-23 -UE.ACTUAL RUN" (or similar) document, run the:

1. Define upgrade parameters
2. Export customer data =>
 2. Pack the u-tree

B. On the Target Application server, ftp/sftp the upgrade_express_2201_2301 kit to the /exlibris/aleph directory and unzip/untar it.

C. On the Source Application server ...

3. Transfer customer Aleph data (u-tree) to the target location (specifying target server /exlibris/aleph/upgrade_express_2201_2301 as the target location).

D. On the Target Application server,

- (1) check and make sure that the a20_1.tar.gz is found in the ./data directory.
- (2) run "2. Install Customer Data".
- (3) update \$alephe_root/aleph_start per the "Upgrading 20-23 -UE.ACTUAL RUN" doc

E. Use special procs for exporting/importing the Oracle data (on the DB servers)... The ./upgrade_express_2201_2301/util directory contains expdp_on_two_task.csh and impdp_on_two_task.csh procs. These procs contain the following lines:

```
# Update the below !!!
uk_root /exlibris/upgrade_express_2201_2301
setenv ALEPH_APP_VERSION a20_1

# Update with client real libraries !!!
foreach lib (usm01 illsv)
```

The "usm01 illsv" must be replaced by the actual local libraries. Example:

```
foreach lib (xxx01 xxx10 xxx30 xxx50 xxx60)
```

F. On the Source DB server:

```
> cd ./upgrade_express_2201_2301/util
```

```

> csh -f expdp_on_two_task.csh > & ../logs/expdp_on_two_task.csh.mmdd.log &

> cd ../data

> tar -cvf a20_1.tar a20_1

[gzip-ing is unnecessary: it takes several minutes and reduces the size very little]

> sftp oracle@<target server>

> cd /exlibris/upgrade_express_2201_2301/data

> put a20_1.tar

```

G. On the Target DB server, for Upgrade Express:

```

> cd /exlibris/upgrade_express_2201_2301/data

> tar -xvf a20_1.tar

> cd ../util

```

If you haven't already done so, update the `impdp_on_two_task.csh` as described in step E above;

Also, comment out the following lines in `impdp_on_two_task.csh`:

```

# mkdir -p ${target_dir}/dpdir
# echo "Created directory ${target_dir}/dpdir"

```

(This needs to be done because you don't want to overwrite the data which the preceding "tar -xvf" has placed in each `dpdir`.)

Then:

```

> csh -f impdp_on_two_task.csh > & ../logs/impdp_on_two_task.csh.mmdd.log &

```

NOTE: You must be logged in as the appropriate Oracle user for the database server: in the case of the export from the Source (database) server, that's the Aleph 20 Oracle user; in the case of the import to the Target (database) server, it's the Aleph 23 Oracle user. The "setenv target_db aleph20" may need to be added to the export script and "setenv target_db aleph23" to the import.

H. On the Target Application server perform the remaining Upgrade Express steps: ftp the `upgrade_express_2001_2101` kit, run "6. Backup tables to be updated" "3. Upgrade Express", etc.

Additional Information

A library can do the export using the traditional, older/slower Oracle exp/imp option. To do the export (on the Application server) without the Data Pump, choose "No" when asked "Do you want to export using Oracle Data Pump?".

Note: Running the Upgrade Express "Export Customer Data" using the Data Pump on the *Application* server in a TWO_TASK installation doesn't work; it yields the following errors:

```

ORA-39002: invalid operation
ORA-39070: Unable to open the log file.
ORA-29283: invalid file operation

```

ORA-06512: at "SYS.UTL_FILE", line 488
ORA-29283: invalid file operation

Category: Installation & Upgrades

Subject: Upgrade Express

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