

This process describes the “path move”, which exports the “configurations” and “code base” for the 3 main Market Prominence’s schemas SC_BASE, AE_CUSTOM, and HE_CUSTOM from a **SOURCE** database and imports them into the next path’s DEV and QA **TARGET** databases.

In our example we will export using source database Production (HEMPPRD) and import into PATH2 target databases HEMPDEV2 and HEMPQA2. The same source exports used for both import databases. Most of the time (75%+), the Source database is Production (HEMPPRD), other occasions the request is to use an existing path as the source. If the request is to perform a path move from PATH3 to PATH2, then the source would be HEMPDEV3 to import into target HEMPDEV2, and source HEMPQA3 to import into target HEMPQA2 would need to be used.

Steps for IMPORT into NEW PATH. (Tasks executed in /home/oracle/PATHMOVE directory)

- Request/Confirm WEB MP and HMEM **services are brought down** cleanly. (Gary/Arun)
- cd /home/oracle/PATHMOVE
- Report “before pathmove” invalids (@check_invalids)
- KILL any process running from batch servers or desktops. (@FOR__KILLING)
- **Create GRP** in both DEV and QA databases (example name: BEFORE_OCT15_PATHMOVE)
 - Jenkins
- **Create Drop** objects scripts.
 - @do_pathmove
 - Creates DROP__HEMPDEV2_OBJECTS__AE_CUSTOM.sql
 - Creates DROP__HEMPDEV2_OBJECTS__HE_CUSTOM.sql
 - Creates DROP__HEMPDEV2_OBJECTS__SC_BASE.sql
- **Drop** all objects.
 - @DROP__HEMPDEV2_OBJECTS__AE_CUSTOM.sql
 - @DROP__HEMPDEV2_OBJECTS__HE_CUSTOM.sql
 - @DROP__HEMPDEV2_OBJECTS__SC_BASE.sql
- cd /oraexport/u01/datapump
- **File Transfer** “dmp” files needed using secure copy (SCP) from source database server.
 - File transfer using: scp -p xmedmdbm21p:/oraexport/u01/datapump/EXPORT*Oct-01-2024*.dmp .

```
xmedmdbw02d.aetna.com (oracle) HEMPDEV2:::/oraexport/u01/datapump
HEMPDEV2>
```

```
xmedmdbw02d.aetna.com (oracle) HEMPDEV2:::/oraexport/u01/datapump
HEMPDEV2> scp -p xmedmdbm21p:/oraexport/u01/datapump/EXPORT*Oct-01-2024*.dmp .
```

```
|-----|
| WARNING: Logon attempts are audited. Access and use allowed |
| for authorized purposes only. Violators will be prosecuted. |
|-----|
```

```
oracle@xmedmdbm21p's password: <<<<<< Password from BEYOND TRUST
EXPORT_5_Oct-01-2024__HEMPPRD.dmp 100% 20MB 160.0MB/s 00:00
EXPORT__AE_CUSTOM_CONFIG__Oct-01-2024__HEMPPRD.dmp 100% 494MB 205.1MB/s 00:02
EXPORT__AE_CUSTOM__md_v7_Oct-01-2024__HEMPPRD.dmp 100% 4988KB 88.6MB/s 00:00
EXPORT_CONFIG__Oct-01-2024__HEMPPRD.dmp 100% 146MB 187.0MB/s 00:00
EXPORT__HE_CUSTOM_CONFIG__Oct-01-2024__HEMPPRD.dmp 100% 7636KB 161.3MB/s 00:00
EXPORT__HE_CUSTOM__md_v7_Oct-01-2024__HEMPPRD.dmp 100% 4576KB 161.2MB/s 00:00
EXPORT__SC_BASE__md_v7_Oct-01-2024__HEMPPRD.dmp 100% 4140KB 137.5MB/s 00:00
EXPORT_STAFF__Oct-01-2024__HEMPPRD.dmp 100% 121MB 202.6MB/s 00:00
```

```
xmedmdbw02d.aetna.com (oracle) HEMPDEV2:::/oraexport/u01/datapump
HEMPDEV2>
```

- **Confirm 7 “dmp” files exist** locally in /oraexport/u01/datapump directory from SOURCE for date needed.
 - This example using October 1st exports from HEMPDRD
 - The EXPORT_STAFF... file is not needed for pathmove, exported as precaution.
 - List dump files using: `ls -lrt EXPORT*<date of exports>*.dmp`
 -

xmedmbw02d.aetna.com (oracle) HEMPDEV2::/oraexport/u01/datapump

HEMPDEV2> `ls -lrt EXPORT*Oct-01-2024*.dmp`

```
-rw-r-----. 1 oracle oinstall 5107712 Oct 1 11:01 EXPORT__AE_CUSTOM__md_v7_Oct-01-2024_HEMPDRD.dmp
-rw-r-----. 1 oracle oinstall 4685824 Oct 1 11:01 EXPORT__HE_CUSTOM__md_v7_Oct-01-2024_HEMPDRD.dmp
-rw-r-----. 1 oracle oinstall 4239360 Oct 1 11:02 EXPORT__SC_BASE__md_v7_Oct-01-2024_HEMPDRD.dmp
-rw-r-----. 1 oracle oinstall 517505024 Oct 1 11:03 EXPORT__AE_CUSTOM__CONFIG__Oct-01-2024_HEMPDRD.dmp
-rw-r-----. 1 oracle oinstall 7819264 Oct 1 11:03 EXPORT__HE_CUSTOM__CONFIG__Oct-01-2024_HEMPDRD.dmp
-rw-r-----. 1 oracle oinstall 20680704 Oct 1 11:04 EXPORT_5_Oct-01-2024_HEMPDRD.dmp
-rw-r-----. 1 oracle oinstall 152719360 Oct 1 11:05 EXPORT_CONFIG__Oct-01-2024_HEMPDRD.dmp
-rw-r-----. 1 oracle oinstall 127135744 Oct 1 11:05 EXPORT_STAFF__Oct-01-2024_HEMPDRD.dmp
```

Create datapump import “par” files and create RUNIMPORTS.sh script

- ./s1__NEWPATH_WRENCH_IMPROTS.sh
 - This will create 3 par files, 1 for each schema (AE_CUSTOM, HE_CUSTOM, SC_BASE)
- ./s2__NEWPATH_WRENCH_CONFIGS.sh
 - This will create 2 par files for vendor MP configurations. (standard and custom)
- ./s3__NEWPATH_WRENCH_CUSTOM_CONFIGS.sh
 - This will create 2 par files for custom “Aetna” (AE_CUSTOM) and Health Edge (HE_CUSTOM)

- **Confirm 7 “par” files exist** in /oraexport/u01/datapump directory imports date needed.
 - This example using October 1st imports.
 - List dump files using `ls -lrt IMPORT*<date of exports>*.par`

xmedmbw02d.aetna.com (oracle) HEMPDEV2::/oraexport/u01/datapump

HEMPDEV2> `ls -lrt IMPORT*Oct-01-2024*.par`

```
-rw-r--r--. 1 oracle oinstall 380 Nov 18 12:23 IMPORTING__AE_CUSTOM__MD_v7__Oct-01-2024.par
-rw-r--r--. 1 oracle oinstall 380 Nov 18 12:23 IMPORTING__HE_CUSTOM__MD_v7__Oct-01-2024.par
-rw-r--r--. 1 oracle oinstall 370 Nov 18 12:23 IMPORTING__SC_BASE__MD_v7__Oct-01-2024.par
-rw-r--r--. 1 oracle oinstall 187 Nov 18 12:23 IMPORTING_CONFIGS__Oct-01-2024.par
-rw-r--r--. 1 oracle oinstall 302 Nov 18 12:23 IMPORTING_5__Oct-01-2024.par
-rw-r--r--. 1 oracle oinstall 211 Nov 18 12:23 IMPORTING__AE_CUSTOM__CONFIGS__Oct-01-2024.par
-rw-r--r--. 1 oracle oinstall 211 Nov 18 12:23 IMPORTING__HE_CUSTOM__CONFIGS__Oct-01-2024.par
```

xmedmbw02d.aetna.com (oracle) HEMPDEV2::/oraexport/u01/datapump

HEMPDEV2>

- **Confirm DBA account** can connect to local database and set password environment variable.
- **Execute all 7 imports** using: `./RUNIMPORTS.sh`
- **Confirm 7 “logs” files exist** in /oraexport/u01/datapump directory imports date needed.
 - This example using October 1st imports.
 - Errors in log files are allowed/okay.
 - List dump files using `ls -lrt *<date of exports>*.log`

xmedmbw02d.aetna.com (oracle) HEMPDEV2::/oraexport/u01/datapump

HEMPDEV2> `ls -lrt *Oct-01-2024*.log`

```
-rw-r--r--. 1 oracle asmadmin 33247 Nov 18 12:23 import__AE_CUSTOM__md_v7_Oct-01-2024_HEMPPRD_into_HEMPDEV2.log
-rw-r--r--. 1 oracle asmadmin 21682 Nov 18 12:24 import__HE_CUSTOM__md_v7_Oct-01-2024_HEMPPRD_into_HEMPDEV2.log
-rw-r--r--. 1 oracle asmadmin 13570 Nov 18 12:24 import__SC_BASE__md_v7_Oct-01-2024_HEMPPRD_into_HEMPDEV2.log
-rw-r--r--. 1 oracle asmadmin 229456 Nov 18 12:25 IMPORT__EXPORT_CONFIG__Oct-01-2024_HEMPPRD.log
-rw-r--r--. 1 oracle asmadmin 2806 Nov 18 12:26 IMPORT__EXPORT_5__Oct-01-2024_HEMPPRD.log
-rw-r--r--. 1 oracle asmadmin 137690 Nov 18 12:28 IMPORT__AE_CUSTOM_CONFIG__Oct-01-2024_HEMPDEV2.log
-rw-r--r--. 1 oracle asmadmin 99105 Nov 18 12:28 IMPORT__HE_CUSTOM_CONFIG__Oct-01-2024_HEMPDEV2.log
```

```
xmedmbw02d.aetna.com (oracle) HEMPDEV2::/oraexport/u01/datapump
HEMPDEV2>
```

- cd /home/oracle/PATHMOVE
- **Rebuild synonyms** using database links as PROD has “write back” to primary, non-prods do NOT.
 - @synonym.sql
- **Execute custom “go figures” script** per environment.
 - @ GF_1386978_assign_member_id_settings_dev2.sql
- **Recompile all invalids (@?/rdbms/admin/utlrp)**
- Report “after pathmove” invalids (@check_invalids)
- Check if WEB MP “build process” needs to be re-executed or not (Arun/Gary)
- **Request “checkout”** of pathmove from CLASSIC and WEB resource.
- DROP **GRP** when checkout is 100% complete.
 - Jenkins
- Done!
-
- V9 MCL
-
-
-

NEWER process is in place to execute exports on ALL SOUCRE database servers daily at 3:00am. This process will delete older than 10 days exports, thus keeping last 10 days “available”.

These are the OLD MANUAL STEPTS for EXPORT from SOURCE PATH.

- Create exports scripts to run manually or to schedule.
- Create datapump export “par” files and create RUNEXPORTS.sh script (./runme.sh)
 - ./s1__NEWPATH_WRENCH_EXPORTS.sh
 - This will create 3 par files, 1 for each schema (AE_CUSTOM, HE_CUSTOM, SC_BASE)
 - ./s2__WRENCH_CUSTOM_CONFIG_EXPORT.sh
 - This will create 2 par files for vendor MP configurations. (Standard and custom)
 - ./s3__WRENCH_EXPORT.sh
 - 2 for
 - ./s4__WRENCH_CUSTOM_CONFIG_IMPORT.sh
 - 2 for custom ae_custom/ he_custom

```
s1__NEWPATH_WRENCH_EXPORTS.sh*
```

```
s2 WRENCH_CUSTOM_CONFIG_EXPORT.sh*
```

```
s3__WRENCH_EXPORT.sh*
```

~~s4 WRENCH_CUSTOM_CONFIG_IMPORT.sh*~~

```
runme.sh*
```

[illegible]

Steps for confirming....

```
ls -lrt EXP*Apr-03-2024*.dmp
```