# EY - INSIS MIGRATION - BACKUP LINUX INSTALLATION

## Prerequisites

* ORACLE SYS password
* Access to SQLPLUS
* Installation script file named “backup\_setup\_all\_sh” from the folder: \\devmigg\Backup\Daily\_Source\_Code\_backup\_script\_LNX

## Deployment process

Copy with ftp the intall script to the deployment folder e.g. /migg/inst and run the commands:

**[user] /migg/inst > chmod 777 backup\_setup\_all.sh**

**[user] /migg/inst > ./backup\_setup\_all.sh**

The script need for input the following parameters:

1. The main path of the scripts, default value : /migg/backup
2. The main path of the wave dev scripts, default path : /migg/backup/dev
3. The main schema user and password
4. The wave schema user and password
5. The service name of the Oracle service
6. The IP of the Oracle service
7. The password of the SYS oracle user

The script create the above folders in a schema:



In the path of the scripts there are 3 scripts that run the main and the wavedev exports.

Give privillages to all folders by running the commands:

**[user] /migg/inst > chmod 777 migg**

**[user] /migg/inst > chmod 777 backup**

**[user] /migg/inst > chmod 777 INSIS\_MIGRATION\_EY**

**[user] /migg/inst > chmod 777 dailybackup**

And to the file which is about to run

**[user] /migg/inst > ./dailybackup.sh**

1. run\_backup.sh

2. BACKUP\_DEVMIG-SPECS.sh

3. BACKUP\_DEVMIG-ETLHST-DATA.sh

The setup script create also a script for daily backup called ‘dailybackup.sh”

This script compress the files inside the /backup/[schema]/\*.\* and their subdirectories. The compressed file goes to **/backup/dailybackup** folder and then **deletes** all the existing backup files, in order to be produced new files.

## Daily programming to run backup

These scripts has to be inserted to the crontab setup in order to run daily.

A typical crontab setup has to look like :

00 02 \* \* \* /migg/backup/dailybackup.sh

01 02 \* \* \* /migg/backup/run\_backup.sh

05 02 \* \* \* /migg/backup/BACKUP\_DEVMIG-SPECS.sh

07 02 \* \* \* /migg/backup/BACKUP\_DEVMIG-ETLHST-DATA.sh

The first number is the minutes and the second is the hour that the script will run.

And the creation of crontab is made by the command:

[user]xx/ > **crontab –e**

## Backup Procedure

All the daily activities that take place in LF migration, need a backup from the development servers. The backup is separated in three steps.

The first step takes an export to all the Packages, creating an xx.sql file that recreates the packages again. The file is INSIS\_MIGRATION\_LF\_\_SourceCode\_YYYY-MM-DD hh:mm:ss.sql

The second step takes and export of the table specs of the parameter table’s creating an xx.sql file. The file is DEVMIG\_SPECS\_YYYY-MM-DD hh:mm:ss.sql

The last step is an export of the actual data of the parameter table’s creating an xx.dmp file.

The filename is DEVMIG-ETLHST\_DATA.dmp

The backup scripts are for a main schema and for a second schema called “wavedev”.

Preffered Linux user to run the script is a DBA user like “oracle”, because he need to have the ORACLE\_HOME path setting correctly.