



Cloning database backups without resetlogs

SnapManager Oracle

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Cloning database backups without resetlogs

SnapManager enables you to perform flexible cloning so that you can recover the cloned database manually to a desired point in time without opening the database by using resetlogs. You can also manually configure the cloned database as a Data Guard Standby database.

When you can select the `-no-resetlogs` option while creating the clone, SnapManager performs the following activities to create the cloned database:

1. Executes the preprocessing task activity, if specified, before starting the clone operation
2. Creates the cloned database with the user-specified SID
3. Executes the SQL statements issued against the cloned database.

Only the SQL statements that can be executed in mount state are successfully executed.

4. Executes the post-processing task activity, if specified.

What tasks you need to do to recover the cloned database manually

1. Mount the archive log backups and recover the cloned database manually by using the archive log files from the mounted path.
2. After performing manual recovery, open the recovered cloned database with `-resetlogs` option.
3. Create temporary tablespaces, if required.
4. Run the DBNEWID utility.
5. Grant sysdba privilege to the credentials of the cloned database.

While cloning the database backups using the `-no-resetlogs` option, SnapManager leaves the cloned database in the mounted state for manual recovery.



The cloned database created with the `-no-resetlogs` option is not a complete database. Therefore you must not perform any SnapManager operations on this database, though SnapManager does not restrict you from performing any operations.

If you do not specify the `-no-resetlogs` option, SnapManager applies the archive log files, and opens the database with `resetlogs`.

1. Enter the following command: `smo clone create -profileprofile_name [-backup-labelbackup_name | -backup -idbackup_id | current] -newsidnew_sid-clonespecfull_path_to_clonespecfile-no-resetlogs`

If you try to specify both `-no-resetlogs` and `recover-from-location` options, SnapManager does not allow you to specify both these options together, and displays the error message: SMO-04084: You must specify either one of the options: `-no-resetlogs` or `-recover-from-location`.

Example

```
smo clone create -profile product -backup-label full_offline -newsid  
PROD_CLONE -clonespec prod_clonespec.xml -label prod_clone-reserve -no  
-reset-logs
```

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