**8 Oracle Database Profile**

**PROFILE** is a database object used to manage resource limits and password policies for users. Profiles help administrators control how users interact with the database and ensure that system resources are used efficiently.

The **RESOURCE\_LIMIT** parameter in an Oracle database is used to enable or disable the enforcement of resource limits defined by profiles. When it is set to TRUE, the database enforces the resource limits specified in the user profiles. If it is set to FALSE, these limits are not enforced, even if profiles have been configured with specific restrictions.

* We can create new profile or assign existing profile to user.

**SQL>select \* from dba\_profiles;**

**SQL>show parameter resource\_limit**

* If **resource\_limit** is set to false newly created profiles won’t work.
* We can modify existing profiles.

**SQL>alter profile p1 limit PASSWORD\_LOCK\_TIME 20;**

**To check user profile:**

* select username,profile from dba\_users where username=‘u1’;

**To change user profile:**

* alter user u1 profile p1;

**Common Profile:**

* In multitenant databases common profile will be created for common users only.
* create profile c##idle\_time limit

Sessions per user 1

Failed login attempts 2

Password life time 30

Password reuse max;

**Local Profile:**

* In multitenant databases LOCAL profile will be used in pluggable database level.
* create profile p1 limit

Sessions per user 1

Failed login attempts 2

Password life time 30

Password reuse max 1;