

The new Oracle RAC installation will include a consolidation most of the Oracle database instances in a single instance using different tablespaces. For this reason all privileges will be restricted. There are currently foreseen 3 types of roles (reader, writer and developer) and 1 type of profile to limit resource usage.

Default privileges for a database developer ("admin") on Oracle rac installation (rac01-rac04):

```
CREATE CLUSTER
CREATE DIMENSION
QUERY REWRITE
CREATE INDEXTYPE
CREATE LIBRARY
CREATE MATERIALIZED VIEW
CREATE OPERATOR
CREATE PROCEDURE
CREATE SEQUENCE
CREATE SESSION
CREATE SYNONYM
FORCE TRANSACTION
CREATE TABLE
CREATE TRIGGER
CREATE TYPE
CREATE VIEW
CREATE DATABASE LINK
```

Default privilege categories for a database developer on lora01:

- Privileges for a database developer:

```
DROP ANY RULE SET
DROP ANY SEQUENCE
DROP ANY TABLE
DROP ANY TRIGGER
DROP ANY TYPE
DROP ANY VIEW
DROP PROFILE
DROP ROLLBACK SEGMENT
DROP TABLESPACE
EXECUTE ANY INDEXTYPE
EXECUTE ANY OPERATOR
EXECUTE ANY PROCEDURE
EXECUTE ANY RULE
EXECUTE ANY RULE SET
EXECUTE ANY TYPE
EXPORT FULL DATABASE
FLASHBACK ANY TABLE
FORCE ANY TRANSACTION
FORCE TRANSACTION
IMPORT FULL DATABASE
INSERT ANY TABLE
LOCK ANY TABLE
MANAGE TABLESPACE
MERGE ANY VIEW
ON COMMIT REFRESH
QUERY REWRITE
READ ANY FILE GROUP
RESTRICTED SESSION
RESUMABLE
"CONNECT"
"EXP_FULL_DATABASE"
"IMP_FULL_DATABASE"
SELECT ANY TABLE
SELECT ANY TRANSACTION
UNDER ANY TABLE
```

UNDER ANY TYPE
UNDER ANY VIEW
UPDATE ANY TABLE

Default profile:

- Developer profile:

```
CREATE PROFILE "DEV_PROFILE" LIMIT CPU_PER_SESSION DEFAULT  
CPU_PER_CALL 36000  
CONNECT_TIME 2880 -- minutes  
IDLE_TIME 2880 -- minutes  
SESSIONS_PER_USER 10  
LOGICAL_READS_PER_SESSION DEFAULT  
LOGICAL_READS_PER_CALL 10000  
PRIVATE_SGA DEFAULT  
COMPOSITE_LIMIT DEFAULT  
PASSWORD_LIFE_TIME 365 -- days  
PASSWORD_GRACE_TIME DEFAULT  
PASSWORD_REUSE_MAX DEFAULT  
PASSWORD_REUSE_TIME DEFAULT  
PASSWORD_LOCK_TIME DEFAULT  
FAILED_LOGIN_ATTEMPTS 10  
PASSWORD_VERIFY_FUNCTION DEFAULT
```

Change a user profile:

```
alter <username> profile <profile_name>
```

-- RaduStoica - 04 Apr 2007

This topic: LHCb > PrivilegesAndProfiles

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