# 1. Tạo Database Connection mới

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# 2. Tạo mới User

## 2.1. Tạo 1 user mới với câu lệnh sau

|  |
| --- |
| CREATE USER salapati IDENTIFIED BY sammyy1; |

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## 2.2 Hiển thị tablespace của user vừa mới tạo

|  |
| --- |
| SELECT default\_tablespace, temporary\_tablespace  FROM dba\_users  WHERE username='SALAPATI'; |

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|  |
| --- |
| SELECT \* FROM database\_properties  WHERE property\_name LIKE '%TABLESPACE'; |

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|  |
| --- |
| SELECT \* FROM database\_properties  WHERE property\_name LIKE '%TABLESPACE'; |

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## 2.3 Cấp quyền cho phép kết nối đến database

|  |
| --- |
| GRANT CREATE SESSION TO salapati; |

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## 2.4 Cấp các quyền tạo các loại object

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|  |
| --- |
| ALTER USER salapati QUOTA 100M ON users; |

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|  |
| --- |
| ALTER USER salapati QUOTA UNLIMITED ON users; |

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## 2.5 Chỉ định tablespace

|  |
| --- |
| CREATE TABLE abc (name varchar2(30)) TABLESPACE users; |

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## 2.6 Cấp quyền user tạo object trên bất kỳ tablespace

|  |
| --- |
| GRANT UNLIMITED TABLESPACE TO salapati; |

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## 2.7 Xem thông tin về quota được cấp cho các user thông qua view

|  |
| --- |
| SELECT tablespace\_name, username, bytes  FROM DBA\_TS\_QUOTAS; |

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## 2.8 Gán tablespace lúc tạo mới

|  |
| --- |
| CREATE USER salapati\_new IDENTIFIED BY sammyy1  TEMPORARY TABLESPACE TEMP  DEFAULT TABLESPACE USERS  QUOTA 500M ON USERS; |

# 3. Thay đổi các đặc tính của user

## 3.1 Thay đổi password

|  |
| --- |
| ALTER USER salapati IDENTIFIED BY ngocphung; |

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## 3.2 Password expiration

Cho 1 password hết hạn bằng 2 cách

Bắt buộc password expire ngay khi tạo mới một user

|  |
| --- |
| ALTER USER salapati IDENTIFIED BY ngocphung PASSWORD EXPIRE; |
| ALTER USER salapati PASSWORD EXPIRE; |
| CREATE USER hcmute IDENTIFIED BY hcmute PASSWORD EXPIRE; |

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## 3.3. Trạng thái account

Khóa hoặc mở khóa account và xem trạng thái account đó

|  |
| --- |
| ALTER USER salapati ACCOUNT LOCK; |
| ALTER USER salapati ACCOUNT UNLOCK; |
| SELECT username, account\_status  FROM dba\_users; |

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# 4. Xóa User

|  |
| --- |
| DROP USER HCMUTE; |

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Khi xóa user sẽ xóa tất cả object thuộc về user đó.

Khi user đã có object thì phải dùng thêm tùy chọn CASCADE

|  |
| --- |
| DROP USER salapati CASCADE; |

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# 5. Tạo mới profile

|  |
| --- |
| ALTER SYSTEM SET RESOURCE\_LIMIT = TRUE; |

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## 5.2 Tạo mới profile

|  |
| --- |
| CREATE PROFILE app\_user LIMIT  FAILED\_LOGIN\_ATTEMPTS 3  SESSIONS\_PER\_USER UNLIMITED  CPU\_PER\_SESSION UNLIMITED  CPU\_PER\_CALL 3000  CONNECT\_TIME 45  IDLE\_TIME 60  LOGICAL\_READS\_PER\_SESSION DEFAULT  LOGICAL\_READS\_PER\_CALL 1000; |

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# 7. Gán Profile

## 7.1. Có thể gán profile khi vừa tạo user

|  |
| --- |
| CREATE USER salapati IDENTIFIED BY sammyyl  TEMPORARY TABLESPACE TEMP  DEFAULT TABLESPACE USERS  QUOTA 500M ON USERS  PROFILE app\_user; |

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## 7.2 Profile mặt định cho user mới nếu không gán gì

|  |
| --- |
| CREATE USER venice IDENTIFIED BY ngocphung; |

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|  |
| --- |
| SELECT profile FROM dba\_users  WHERE username = 'SALAPATI'; |

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|  |
| --- |
| SELECT DISTINCT resource\_name, limit  FROM dba\_profiles  WHERE profile='DEFAULT'; |

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## 7.3 Gán profile cho 1 user

|  |
| --- |
| ALTER USER SALAPATI PROFILE app\_user; |

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# 8. Thay đổi profile

|  |
| --- |
| ALTER PROFILE app\_user  LIMIT SESSIONS\_PER\_USER 4  FAILED\_LOGIN\_ATTEMPTS 4; |

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# 9. Xóa profile

|  |
| --- |
| CREATE PROFILE test LIMIT PASSWORD\_LIFE\_TIME 90;  DROP PROFILE test CASCADE; |

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