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1) CREATE PROFILE profil_tp3 LIMIT
CONNECT_TIME 7200
IDLE_TIME 180
SESSIONS_PER_USER 2
FAILED_LOGIN_ATTEMPTS 1
PASSWORD_LOCK_TIME 5/1440;
```

```
2) CREATE USER TP3 IDENTIFIED BY TP3
DEFAULT TABLESPACE USERS
QUOTA 10M ON USERS
TEMPORARY TABLESPACE TEMP
PROFILE profil_tp3;
```

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CREATE USER testtp31 IDENTIFIED BY testtp31?
PROFILE profil_tp3;
```

```
CREATE USER testtp32 IDENTIFIED BY testtp32!
PROFILE profil_tp3;
```

```
CREATE USER testtp33 IDENTIFIED BY testtp33@
PROFILE profil_tp3;
```

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3) SELECT PROFILE FROM DBA_USERS WHERE USERNAME = 'TP3';
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4) SELECT USERNAME FROM DBA_USERS;
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```
5) SET SERVEROUTPUT ON;
CREATE OR REPLACE PROCEDURE ps_list_profil
IS
BEGIN
FOR i IN (SELECT DISTINCT PROFILE FROM DBA_PROFILES)
LOOP
DBMS_OUTPUT.PUT_LINE(i.PROFILE);
END LOOP;
END;
/
```

```
EXECUTE ps_list_profil;
```

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6) CREATE OR REPLACE FUNCTION verif_password(p_username VARCHAR2, password
VARCHAR2, old_password VARCHAR2)
RETURN BOOLEAN
IS
c INTEGER := 0;
BEGIN
IF (LENGTH(password) < 6) THEN
RAISE_APPLICATION_ERROR(-20000, 'Le mot de passe doit contenir plus de 6
caractères');
```

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END IF;

FOR i IN 1..LENGTH(password)
LOOP
  IF (SUBSTR(password, i, 1) IN ('?', '!', '@')) THEN
    c := c + 1;
  END IF;
END LOOP;

IF c = 0 THEN
  RAISE_APPLICATION_ERROR(-20000, 'Le mot de passe doit contenir au moins un
caractère spécial');
END IF;

IF (p_username = password) THEN
  RAISE_APPLICATION_ERROR(-20000, 'Le mot de passe ne doit pas être identique au
nom d'utilisateur');
END IF;

IF (old_password = password) THEN
  RAISE_APPLICATION_ERROR(-20000, 'Le mot de passe ne doit pas être identique à
l'ancien mot de passe');
END IF;

RETURN TRUE;
END;
/

```

7) ALTER PROFILE profil\_tp3 LIMIT PASSWORD\_VERIFY\_FUNCTION verif\_password;

8) CREATE USER testtp31 IDENTIFIED BY testtp31?  
 PROFILE profil\_tp3;

CREATE USER testtp32 IDENTIFIED BY testtp32!  
 PROFILE profil\_tp3;

CREATE USER testtp33 IDENTIFIED BY testtp33@  
 PROFILE profil\_tp3;

9) SELECT PROFILE FROM DBA\_USERS;

DROP PROFILE profil\_tp3 CASCADE;