

# T estpassport問題集



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**Exam** : **OCM**

**Title** : **Oracle Certified Master**

**Version** : **DEMO**

## Section 6: database performance management

### Instance Configuration

1. Configure your database to record checkpoints in the alert1.log file.
2. Ensure all user trace files are placed in the USER\_DUMP\_DEST location.

First show parameter alert check log\_checkpoints\_to\_alert value if true.

Alter system set log\_checkpoints\_to\_alert=true;

Show parameter user\_dump

check the path if it exist.

```
SQL> show parameter aler
NAME                                TYPE          VALUE
-----
log_checkpoints_to_alert            boolean       FALSE
SQL> alter system set log_checkpoints_to_alert=true;

System altered.

SQL> show parameter user_dump
NAME                                TYPE          VALUE
-----
user_dump_dest                      string        /app/oracle/admin/stbdb/udump
SQL>
```

### Set Up and Configure Resource Manager

1. Set up and configure Resource Manager using the following specifications:
  - 1.1 Assign the user SH as the resource administrator.
  - 1.2 Create two resource manager consumer groups. OLTP and DSS. (Use comments with each to denote what the objects will be used for.)
  - 1.3 Create a plan named WEEKDAYS with the following directives only :
    - 1.3.1 For OLTP group, we cannot allow more than 20 active sessions. If the 21st user attempts and activity, the request should be aborted if the wait exceeds 60 seconds.
    - 1.3.2 The maximum number of active sessions for the DSS group to 5.If more than 5 sessions are requested, then the request should abort at 120 seconds.
    - 1.3.3 The maximum execution time for a query for a session in the OLTP group should be set to 5 seconds. If the query is estimated to take longer than 5 seconds the session should be automatically switched to the DSS group.
    - 1.3.4 the maximum amount of undo that the OLTP group can use should be set to 200MB.
    - 1.3.5 Set CPU rations for OLTP, DSS and OTHER\_GROUPS as 50,30 and 20 respectively.
    - 1.3.6 DSS group has parallel degree limit of 20.

**1.3.7 Make sure that and idle OLTP sessions cannot block a DML statement for more than 60 seconds.**

**1.4 Assign the default consumer group for the OLTP\_USER to OLTP group.**

**1.5 Assign the default consumer group for the SH user to DSS group.**

**1.6 Specify that the WEEKDAYS plan be used by the instance as the default.**

### **This part mainly test Oracle Database Resource Manager**

Refer to chapter 24 of Database Administrator's Guide.

This question mainly let us create a Resource Plan and two consumer groups.

Set related parameters according to the question requirements.

Related script as following:

```
BEGIN
dbms_resource_manager.clear_pending_area();
dbms_resource_manager.create_pending_area();
dbms_resource_manager.create_plan( 'WEEKDAYS', '');
dbms_resource_manager.create_plan_directive(
    plan => 'WEEKDAYS',
    group_or_subplan => 'DSS',
    comment => '',
```