# Practices for Lesson 7: Tuning RMAN Backup Performance

Practices for Lesson 7: Overview

Overview

In these practices, you will monitor an RMAN backup job.

Practice 7-1: Monitoring an RMAN Backup Job

Overview

In this practice, you will monitor an RMAN backup job by using the V$SESSION\_LONGOPS view.

Assumptions

You are logged in as the oracle user.

It is assumed that the database and listener are running. You can use the pgrep -lf smon command to verify that the database is started and the pgrep -lf tns command to verify that the listener is started. If you need to restart the database and listener, use the dbstart.sh script.

Time Estimate

It should take approximately 10 minutes to complete this practice.

Tasks

Log in to SQL\*Plus. See *Course Practice Environment: Security Credentials* for password information.

Open a new terminal window and set the environment variables for the ORCLCDB database.

In the same terminal window, start Recovery Manager and connect to the CDB root (target database) as the SYS user.

Create a whole database backup.

Return to your first terminal session and execute the

$HOME/labs/DBMod\_Backup/DBMod\_Backup\_MonitorBackup.sql script approximately every 20 seconds to monitor the progress of the backup job.

**Question:** How can you use this query to determine if there is something wrong with the backup job?

**Answer:** If you execute the query at intervals of 2 minutes or more and the %\_COMPLETE

column does not increase, then it is likely that RMAN is encountering a problem.

Return to your RMAN session. After the backup completes, log out of RMAN.

Return to your SQL\*Plus session. Log out of SQL\*Plus.

Close all terminal windows opened for this practice.