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RMAN recover table Tips

Oracle Database Tips by Donald Burleson March 16, 2015

Question: How do I use the 12c RMAN *recover table* command?

Answer: Prior to Oracle 12c, there was a limitation that you could not restore an individual table. This has been addressed with the 12c and beyond RMAN *recover table* command.

The *recover table* command has sever optional arguments.

- **Until SCN:** This allows a recover table to a point-in-time recovery. To restore from the current SCN, you can issue this command to see the current SCN for the database:


```
select dbms_flashback.get_system_change_number from dual;
```
- **remap_table:** This allows you to e-name the table name, allowing you to restore a table into the same schema as the original table.
- **Auxiliary destination:** The docs say that auxiliary destination is an optional argument that specifies a disk location where Oracle RMAN will store the control files and online logs of the auxiliary instance during TSPITR. Files stored here can be deleted after TSPITR is complete.

```
recover table 'scott'.'emp'
until scn 12345
auxiliary destination '/u01/app/oracle/rman'
remap table 'scott'.'emp':emp__cloned';
```



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RMAN recover table to Data Pump dump file

You can also use the *recover table* command to create a Data Pump (*impdp*) dump file, allowing you to import the table on any database. In this recover table example, we recover the table with the *dump file* clause and specify *notableimport*:

```

recover table 'scott'. 'emp'
  until scn 12345
  auxiliary destination '/u01/app/oracle/rman'
  remap table 'scott'. 'emp':emp__cloned';
  dump file /tmp/emp.dmp
  notableimport
  
```

Recover an individual table

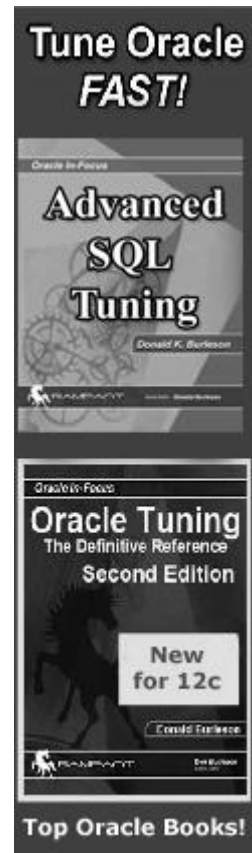
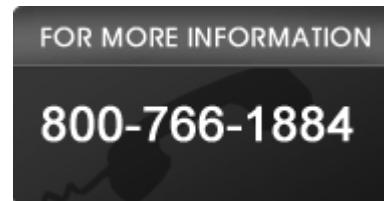
You can recover an individual table with RMAN and re-name the restored table so as not to interfere with the existing table in production. In this example, we re-name the *test1* table to *test1_temp*:

```

RMAN> recover table scott.test1
  until time "to_date('08/17/2014 21:01:15','mm/dd/yyyy hh24:mi:ss')"
  auxiliary destination '/u01/app/oracle/aux'
  remap table scott.test1:test1_temp;
  
```

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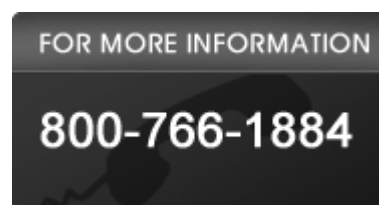


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