**Alert Log Test Message**

**FORCE MESSAGE TO BE WRITTEN TO THE ALERT LOG**

If you wish to force an alert to be written to the alert log- for example ORA-600 to test the functioning of a monitoring system you can use this command to force an ORA-600 alert to be written to the alert log.

Login as sysdba

**exec dbms\_system.ksdwrt(2,’ORA-00600: This is a test error message for monitoring and can be ignored.’);**

To check -

cd $BDUMP

view alert\_SID.log and you will find the alert written to the log.

**Tue Jul 28 10:06:28 2009 ORA-00600: ” This is a test error message for monitoring and can be ignored “**

# Delete duplicate rows in a table

**In case you want to identify duplicates and remove them from a table.**

1. Identify duplicates.

select count(\*) from RF\_BUSINESS\_UNIT\_HISTORY WHERE ROWID IN  
(select rowid from RF\_BUSINESS\_UNIT\_HISTORY  
MINUS  
select max(rowid) from RF\_BUSINESS\_UNIT\_HISTORY  
GROUP BY  
CALENDAR\_YEAR\_MONTH,BUSINESS\_UNIT\_NO,BUSINESS\_UNIT\_NAME);

COUNT(\*)  
———-  
2528

2. 2258 duplicates exist – these can be deleted with command below -

delete from RF\_BUSINESS\_UNIT\_HISTORY WHERE ROWID IN  
(select rowid from RF\_BUSINESS\_UNIT\_HISTORY  
MINUS  
select max(rowid) from RF\_BUSINESS\_UNIT\_HISTORY  
GROUP BY  
CALENDAR\_YEAR\_MONTH,BUSINESS\_UNIT\_NO,BUSINESS\_UNIT\_NAME);

**Script – Check RMAN Backup Status**

Scripts to check backup status and timings of database backups -

This script will be run in the database, not the catalog.

Login as sysdba -

**This script will report on all backups – full, incremental and archivelog backups -**

col STATUS format a9

col hrs format 999.99

select

SESSION\_KEY, INPUT\_TYPE, STATUS,

to\_char(START\_TIME,'mm/dd/yy hh24:mi') start\_time,

to\_char(END\_TIME,'mm/dd/yy hh24:mi') end\_time,

elapsed\_seconds/3600 hrs

from V$RMAN\_BACKUP\_JOB\_DETAILS

order by session\_key;

**This script will report all on full and incremental backups, not archivelog backups -**

col STATUS format a9

col hrs format 999.99

select

SESSION\_KEY, INPUT\_TYPE, STATUS,

to\_char(START\_TIME,'mm/dd/yy hh24:mi') start\_time,

to\_char(END\_TIME,'mm/dd/yy hh24:mi') end\_time,

elapsed\_seconds/3600 hrs

from V$RMAN\_BACKUP\_JOB\_DETAILS

where input\_type='DB INCR'

order by session\_key;

# Script – Top database wait events

This script will list the top 5 database wait events since instance startup sorted by time waited

set linesize 120

col event format a30

select \* from (

select event, total\_waits, total\_timeouts, time\_waited

from v$system\_event

where event not like 'SQL\*Net%'

and event not in ('pmon timer','rdbms ipc message','dispatcher timer','smon timer')

order by time\_waited desc )

where rownum < 6;