

ORACLE DATAGUARD HEALTH CHECK

To check dataguard_status.

SELECT PROCESS FROM V\$MANAGED_STANDBY WHERE PROCESS LIKE 'MRP%';

select database_role,db_unique_name,open_mode,protection_mode from v\$database;

Result:--

DATABASE_ROLE DB_UNIQUE_NAME OPEN_MODE PROTECTION_MODE PROTECTION_LEVEL SWITCHOVER_STATUS

PHYSICAL STANDBY STANDBY READ ONLY WITH APPLY MAXIMUM PERFORMANCE MAXIMUM PERFORMANCE NOT ALLOWED



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To check last applied log in dataguard.

select THREAD#, MAX(SEQUENCE#) AS "LAST_APPLIED_LOG" FROM V\$LOG_HISTORY GROUP BY THREAD#;

Result:	
THREAD#	LAST_APPLIED_LOG
1	294
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To check the log file of database.

select message from v\$dataguard_status;

Result:--

RFS[193]: Assigned to RFS process 7498

RFS[193]: No standby redo logfiles created for thread 1

RFS[194]: Assigned to RFS process 7504

Media Recovery Log

/archive/hubprod/PROD/arch/1_294_896369591.dbf

Media Recovery Waiting for thread 1 sequence 295 (in transit)

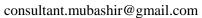
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To check weather all archive's are applied or not.

select sequence#,applied from v\$archived_log order by sequence#;

Result:--

SEQUENCE#	APPLIED
284	YES
285	YES
286	YES
287	YES
288	YES
289	YES
290	YES
291	YES
292	YES
293	YES
294	YES



To verify the error in dataguard:

select error_code,MESSAGE from v\$dataguard_status;

Result:---

ERROR_CODE	MESSAGE	
0	1 sequence 295	
0	0 ARC3: Beginning to archive thread 1	
0	sequence 294 (5967959586253-5967959586467)	
0	ARC3: Completed archiving thread 1	
0	sequence 294 (5967959586253-5967959586467)	

select * from v\$archive_gap;

thread#	low_sequence#	high_sequence#
1	30	34