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| **Overview**   * Aktivasi Standby database server sebagai snapshot * Seluruh aktivitas dilakukan di server **standby**   **Tugas dan Tanggung Jawab**   * IT Ops / DBA   **Instruksi Kerja :**  Environment: Oracle Database RAC  DRC1 10.224.34.21(node1) & 10.224.34.24(node 2)  DRC2 10.224.34.22(node1) & 10.224.34.25(node2) | | |
| **No** | **Node 1** | **Node 2** |
|  | **Matikan MRP** di node 1.  SYS@rptfcubs1 > alter database recover managed standby database cancel; |  |
|  | **Defer log\_archive\_dest yang berhubungan ke DR lain (jika cascade).**  SYS@rptfcubs1 > alter system set log\_archive\_dest\_2= ‘defer’; |  |
|  |  | **10.224.34.25**  **Pastikan kita shutdown dulu database pada node 2**  $sqlplus / as sysdba  SYS@rptfcubs2 > shutdown immediate; |
|  | **10.224.34.22**  **Shutdown DRC2**  SYS@rptfcubs1 > shutdown immediate;  Database closed.  Database dismounted.  ORACLE instance shut down. |  |
| 1 |  | **10.224.34.24**  **Pastikan kita shutdown dulu database pada node 2**  $sqlplus / as sysdba  SYS@prdfcubs2 > shutdown immediate;  Database closed.  Database dismounted.  ORACLE instance shut down |
| 2 | **10.224.34.21**  **Check status FLASHBACK\_ON database**  $sqlplus / as sysdba  SYS@prdfcubs1 > select flashback\_on from v$database;  FLASHBACK\_ON  ------------------  NO |  |
| 3 | **10.224.34.21**  **Apabila hasilnya NO, maka kita harus menyalakan fungsi FLASHBACK\_ON**  SYS@prdfcubs1 > shutdown immediate;  Database closed.  Database dismounted.  ORACLE instance shut down.  SYS@prdfcubs1> startup mount;  SYS@prdfcubs1> alter database flashback on;  Database altered.  SYS@prdfcubs1> select flashback\_on from v$database;  FLASHBACK\_ON  ------------------  YES |  |
| 4 | **10.224.34.21**  **mengubah standby database menjadi role snapshot standby**  SYS@prdfcubs1> alter database convert to snapshot standby;  Database altered.  SYS@prdfcubs1> select open\_mode, database\_role from v$database;  OPEN\_MODE DATABASE\_ROLE  -------------------- ----------------  MOUNTED SNAPSHOT STANDBY |  |
| 5 | **10.224.34.21**  **Mengubah ke mode open write**  SYS@prdfcubs1 > startup force  SYS@prdfcubs1> select database\_role, open\_mode from v$database;  DATABASE\_ROLE OPEN\_MODE  ---------------- --------------------  SNAPSHOT STANDBY READ WRITE |  |
| 6 |  | **10.224.34.24**  **Startup database node 2**  SYS@prdfcubs2> startup  SYS@prdfcubs2> select database\_role, open\_mode from v$database;  DATABASE\_ROLE OPEN\_MODE  ---------------- --------------------  SNAPSHOT STANDBY READ WRITE |
|  | **Selesai aktivasi Snapshot** |  |
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|  | **Mengembalikan Snapshot ke Standby** |  |
| **No** | **Node 1** | **Node 2** |
| 1 |  | **10.224.34.24**  **Shutdown database node** 2  SYS@prdfcubs2 > shutdown immediate;  Database closed.  Database dismounted.  ORACLE instance shut down |
| 2 | **10.224.34.21**  **Shutdown database and startup mount**  SYS@prdfcubs1 > shutdown immediate  SYS@prdfcubs1 > startup mount |  |
| 3 | **10.224.34.21**  **Mengubah ke physical standby**  SYS@prdfcubs1> alter database convert to physical standby;  Database altered |  |
| 4 | **10.224.34.21**  **Ubah Flashback ke off**.  SYS@prdfcubs1> shutdown immediate;  SYS@prdfcubs1> startup mount;  SYS@prdfcubs1> alter database flashback off |  |
| 5 | **10.224.34.21**  **Buka database read only dan aktivasi MRP**  SYS@prdfcubs1> alter database open read only;  Database altered.  SYS@prdfcubs1> alter database recover managed standby database using current logfile disconnect from session;  Database altered |  |
| 6 | **10.224.34.21**  **Cek database dan status MRP**  SYS@prdfcubs1> select open\_mode, database\_role from v$database;  OPEN\_MODE DATABASE\_ROLE  -------------------- ----------------  READ ONLY WITH APPLY PHYSICAL STANDBY  SYS@prdfcubs1> select process, status, sequence# from v$managed\_standby;  PROCESS STATUS SEQUENCE#  --------- ------------ ----------  ARCH CONNECTED 0  ARCH CONNECTED 0  ARCH CONNECTED 0  ARCH CONNECTED 0  MRP0 WAIT\_FOR\_LOG 130268 |  |
| 7 |  | **10.224.34.24**  **Startup database read only**  SYS@prdfcubs2> startup mount;  SYS@prdfcubs2> alter database open read only;  SYS@prdfcubs2> select open\_mode, database\_role from v$database |
|  | **10.224.34.22**  **Shutdown database and startup mount**  SYS@rptfcubs1 > shutdown immediate  SYS@rptfcubs1 > startup mount |  |
|  | **10.224.34.22**  **Buka database read only dan aktivasi MRP**  SYS@rptfcubs1> alter database open read only;  Database altered.  SYS@rptfcubs1> alter database recover managed standby database disconnect from session;  Database altered |  |
|  | **10.224.34.22**  **Cek database dan status MRP**  SYS@rptfcubs1> select open\_mode, database\_role from v$database;  OPEN\_MODE DATABASE\_ROLE  -------------------- ----------------  READ ONLY WITH APPLY PHYSICAL STANDBY  SYS@rptfcubs1> select process, status, sequence# from v$managed\_standby;  PROCESS STATUS SEQUENCE#  --------- ------------ ----------  ARCH CONNECTED 0  ARCH CONNECTED 0  ARCH CONNECTED 0  ARCH CONNECTED 0  MRP0 WAIT\_FOR\_LOG 130268 |  |
|  |  | **10.224.34.25**  **Startup database read only**  SYS@rptfcubs2> startup mount;  SYS@rptfcubs2> alter database open read only;  SYS@rptfcubs2> select open\_mode, database\_role from v$database; |
|  | Selesai | |