

## Streams Recommended Patches

Metalink note 437838.1

### 10.2.0.4

- **Bugs fixed:**

- ◆ Capture or downstream capture side:
  - ◇ 6081550 Tracking Bug for Inventory of Data Guard Logminer/Logical Standby for 10.2.0.3 Includes fixes for Streams capture also
  - ◇ 6267873 MLR for Streams/Logmnr bugs 6017440, 6067600,6064864: Install 6081550 first, then remove patch for 6067600 and apply Patch 6267873
  - ◇ 6043052 Leak in Perm Allocations with library cache comments ora-4031 generated
  - ◇ 4061534 ORA-00600 [KRVTADC] IN CAPTURE PARALLEL PROCESS (using compressed tables)
  - ◇ 5604698 DEADLOCK BETWEEN 'LIBRARY CACHE LOCK' AND 'LIBRARY CACHE PIN'
  - ◇ 5058318 Memory leak (in "koh-kghu" heap of type "kolcst obj")
  - ◇ 5529797 PGA leak / OERI KWQPCBK179 during Streams propagation
  - ◇ 5220845 OBJECTS IMPORTED VIA DATA PUMP ARE NOT SHIPPING TO LOGICAL STANDBY
- ◆ Apply side:
  - ◇ 6163622 SQL Apply degrades with larger transactions
  - ◇ 5093060 Streams: 5000 LCR Limit is causing unnecessary flow control at apply site
  - ◇ 5205636 Apply fails with ORA-26687 while dropping a table with referential constraints

- **New Bugs:**

- ◆ Capture or downstream capture side:
  - ◇ 7579469 MERGE LABEL REQUEST ON TOP OF 10.2.0.4 FOR BUGS 6599920 and 7363767 (**no rolling, special post-install actions**)
    - 6599920 STREAMS CAPTURE ABORTS WITH ORA-26744 AND ORA-26773 ON LOB COLUMNS
    - 7363767 addresses performance improvement for capture process and logminer: merge label request on top of 10.2.0.4 for Bugs 7345904, 6683178, 6994160, 6413089 and 6650256
      - Bug 7345904 STREAMS CAPTURE SLOW PROCESSING DIRECT PATH INSERT, HIGH CPU FOR LOGMNR BUILDER
      - Bug 6683178 This bug pertains to high latencies in Streams capture, while capturing primary workload with a lot of DDL activities such as truncates of empty tables.
      - Bug 6994160 Capture reader process constantly writing messages to trace file
      - Bug 6413089 Restarting a logminer session can be slow if the session has fallen behind
      - Bug 6650256 For non-logical standby sessions, Parallel DDL (PDDL) transactions are delivered in one chunk which can cause logminer memory spill for Streams, or run slowly during adhoc log mining..
  - ◇ 7599054 MERGE LABEL REQUEST ON TOP OF 10.2.0.4 FOR BUGS 7480651 7263055
    - 7263055 + 7480651 in order to fix ORA-600 [KWQBMCRCPST101] when dropping propagation:
      - 7263055 MERGE LABEL REQUEST ON TOP OF 10.2.0.4 FOR BUGS 6600051, 6915767 and 6200820 (**special post-install actions**) / **this patch conflicts with April 09 security patch - merge patch**

**available: 8450774**

- 7480651 MERGE LABEL REQUEST ON TOP OF 10.2.0.4 FOR BUGS 7207654 and 7377526
  - ◇ 5933656 PROPAGATION ORA-600 [KWQPCBK179], [1], [1369]
  - ◇ 6827260 EXCESSIVE MEMORY USAGE FOR LCR CACHE DUE TO LARGE FREELISTS
  - ◇ 7219752 ORA-26773 MALFORMED REDO ON CAPTURE OF LONG
  - ◇ 6640411 PROPAGATION DOES NOT WORK (AQ propagation may fail after changing queue\_to\_queue=>true)
  - ◇ 6452375 ORA-26687 NO INSTANTIATION SCN PROVIDED WHEN DROP CHILD TABLE
  - ◇ 6402302 DROP SYNONYM DDL IS NOT CAPTURED/PROPAGATED OR APPLIED
  - ◇ 8477406 MERGE PATCH FOR 7331867, 6158910 AND 7579469 (7363767) (**special post-install actions**)
    - 7331867:LOGMNR CKPTUNSAFECOUNT IS MAINTAINED INCORRECTLY
    - 6158910:MEMORY LEAK LOGMINER BUILDER STREAMS CAPTURE
- ◆ Apply side:
  - ◇ 7033630 APPLY ABORTING WITH ORA-600 [KNLQDQM2USR:4] AFTER INSTALLING 10.2.0.4 PATCHSET (**special post-install actions**)
  - ◇ 6838714 APPLY PROCESS IS SLOW AFTER UPGRADING TO 10.2.0.3

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  - ◆ 6267873 MLR for Streams/Logmnr bugs 6017440, 6067600,6064864: Install 6081550 first, then remove patch for 6067600 and apply Patch 6267873
  - ◆ 6043052 Leak in Perm Allocations with library cache comments ora-4031 generated
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- Apply side:
  - ◆ 6163622 SQL Apply degrades with larger transactions
  - ◆ 5093060 Streams: 5000 LCR Limit is causing unnecessary flow control at apply site
- OEM Agent:
  - ◆ 5330663 Unable to start\_propagation due to blocking OEM Agent sessions

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