Debasish – Can you check this one on Monday?

Mark EOD runs longer on some days alone, and this query in below mail from depks\_services / depks\_server is the culprit. We need to identify what scenario / cases this query will get executed. Neelima from GSUPP had identified that it is called whenever journal batch delete happens as part of Mark EOD.

There is very little tuning scope in this query(one tuning attempt done by Neelima, but in UAT testing we didn’t see much improvement), so we need to check from functional impact perspective, if we can do anything to avoid going into this logic. So identify when / why it goes into this from a code flow prespective for this query during Mark EOD.

Below is the general Mark EOD time, and whenever it ran longer, its due to this with many executions.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Comments | EOC Stage | 1st Feb | 2nd Feb | 5th Feb | 6th Feb | 7th Feb | 8th Feb | 9th Feb | 14th Feb | 15th Feb |
|  | Online Time in BRT | 5:17am | 4:45am | 5:54am | 5:14am | 4:52am | 5:21am | 5:12am | 5:55am | 5:53am |
|  | Daily Volume | 513986 | 492231 | 757987 | 383735 | 298811 | 287276 | 337648 | 477554 | 547495 |
|  | MARKTIMELVL9 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Tuning changes deployed on Jan 20 | MARKEOTI | 7 | 5 | 8 | 8 | 5 | 5 | 7 | 7 | 12 |
|  | POSTEOTI\_1 | 12 | 11 | 11 | 10 | 12 | 17 | 10 | 11 | 18 |
|  | POSTEOTI\_2 | 5 | 4 | 4 | 3 | 4 | 5 | 5 | 4 | 5 |
| Tuning changes deployed on Jan 13 | POSTEOTI\_3 | 10 | 9 | 9 | 11 | 8 | 8 | 8 | 11 | 11 |
| Tuning changes deployed on Jan 20 | MARKEOFI | 11 | 12 | 16 | 12 | 9 | 19 | 13 | 16 | 22 |
|  | POSTEOFI\_1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 |
|  | POSTEOFI\_2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|  | POSTEOFI\_3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tuning changes deployed on Jan 13 | MARKEOD | 12 | 5 | 26 | 12 | 6 | 9 | 10 | 19 | 37 |
|  | POSTEOD\_1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
|  | POSTEOD\_2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
|  | POSTEOD\_3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
|  | MARKBOD | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
|  | POSTBOD\_1 | 1 | 3 | 2 | 1 | 1 | 1 | 2 | 1 | 1 |
|  | POSTBOD\_2 | 0 | 5 | 0 | 0 | 0 | 0 | 13 | 0 | 0 |
|  | POSTBOD\_3 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 5 | 4 |
|  | Total Batch | 75 | 71 | 92 | 74 | 62 | 80 | 84 | 86 | 122 |
|  | Critical path time (excluding till Mark EOTI) | 52 | 42 | 70 | 53 | 40 | 58 | 75 | 64 | 100 |
|  | RU Txn Count | 110259 | 101387 | 161929 | 138862 | 91564 | 87787 | 98616 | 145404 | 192163 |
|  | RU Feed Processing Time | 13 | 9 | 15 | 12 | 7 | 8 | 8 | 12 | 16 |
|  | Offset posting Time | 29 | 54 | 44 | 59 | 30 | 45 | 53 | 39 | 51 |
| Programs breakup for EOC stages taking time | | | | |  |  |  |  |  |  |
|  | Post EOTI 3 batches | 1st Feb | 2nd Feb | 5th Feb | 6th Feb | 7th Feb | 8th Feb | 9th Feb | 14th Feb | 15th Feb |
|  | CLADVBAT | 8 | 8 | 8 | 7 | 7 | 7 | 6 | 9 | 10 |
|  | RVPOSCL | 8 | 8 | 8 | 7 | 7 | 7 | 6 | 9 | 10 |
|  | ICEODFLT | 10 | 9 | 9 | 11 | 8 | 8 | 8 | 11 | 11 |
|  | DVTMNO | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | Post EOTI  1 batches | 1st Feb | 2nd Feb | 5th Feb | 6th Feb | 7th Feb | 8th Feb | 9th Feb | 14th Feb | 15th Feb |
|  | ICEODOVD |  |  |  |  |  |  | 10 | 11 | 18 |
|  | ICBRESAC |  |  |  |  |  |  | 8 | 10 | 16 |
|  | STSTBUPD |  |  |  |  |  |  | 8 | 10 | 16 |
|  | ICLIQDQC |  |  |  |  |  |  | 8 | 10 | 16 |
|  | ILHOLPRO |  |  |  |  |  |  | 8 | 10 | 16 |
|  | ICBCPMF |  |  |  |  |  |  | 8 | 10 | 16 |
|  | UDBATEVT |  |  |  |  |  |  | 8 | 10 | 16 |
|  | RVBATCH |  |  |  |  |  |  | 8 | 10 | 16 |
|  | BLBCBVOL |  |  |  |  |  |  | 8 | 10 | 16 |
|  | ICLIQBAT |  |  |  |  |  |  | 8 | 10 | 16 |
|  | CASABAT |  |  |  |  |  |  | 8 | 10 | 16 |
|  | CLBATCH |  |  |  |  |  |  | 8 | 10 | 16 |

**From:** Ravindran, Madhusudhanan [ICG-IT NE]   
**Sent:** Wednesday, January 31, 2018 11:13 AM  
**To:** 'Neelima Prabhakaran' <[neelima.prabhakaran@oracle.com](mailto:neelima.prabhakaran@oracle.com)>  
**Cc:** Sam, Alen [ICG-IT NE] <[as46427@imcla.lac.nsroot.net](mailto:as46427@imcla.lac.nsroot.net)>  
**Subject:** RE: Severity 3 SR 3-16515646581 : Mark EOD

We can sure do. The only challenge is identifying the scenario when this is being called (as last time this happened, I didn’t find anything logged as deleted batch entries). Let me see if someone can validate it and then we run EOD and get AWR.

**From:** Neelima Prabhakaran [<mailto:neelima.prabhakaran@oracle.com>]   
**Sent:** Wednesday, January 31, 2018 11:11 AM  
**To:** Ravindran, Madhusudhanan [ICG-IT NE] <[mr11883@imcnam.ssmb.com](mailto:mr11883@imcnam.ssmb.com)>  
**Cc:** Sam, Alen [ICG-IT NE] <[as46427@imcla.lac.nsroot.net](mailto:as46427@imcla.lac.nsroot.net)>  
**Subject:** RE: Severity 3 SR 3-16515646581 : Mark EOD

Oh ok. Is it possible to get this deployed in dev/uat to get the awr with revised query.

Performance and engineering teams will reject this if we go back with the old query in AWR report.

We can’t go with the explain plan since the runtime execution plan will be different.

Best Regards,

Neelima

Oracle logo.gif  
FLEXCUBE Global Support | +1 732 623 4772 (O)

Oracle Financial Services Software Inc.

Edison , New Jersey

**From:** Ravindran, Madhusudhanan [<mailto:madhusudhanan.ravindran@citi.com>]   
**Sent:** Wednesday, January 31, 2018 11:01 AM  
**To:** Neelima Prabhakaran <[neelima.prabhakaran@oracle.com](mailto:neelima.prabhakaran@oracle.com)>  
**Cc:** Sam, Alen [ICG-IT NE] <[alen.sam@citi.com](mailto:alen.sam@citi.com)>  
**Subject:** RE: Severity 3 SR 3-16515646581 : Mark EOD

Neelima, I don’t think we have it. The last time test was before the deferred archival changes too. So in general Mark EOD took 20-30 mins, with pre and psot fix, so I am guessing, it probably did not go into this query at all, as this query doesn’t come on all days.

Attached the latest prod EOD timing..last 2 days ran for 20 mins, and this query is the impact.

**From:** Neelima Prabhakaran [<mailto:neelima.prabhakaran@oracle.com>]   
**Sent:** Wednesday, January 31, 2018 10:03 AM  
**To:** Ravindran, Madhusudhanan [ICG-IT NE] <[mr11883@imcnam.ssmb.com](mailto:mr11883@imcnam.ssmb.com)>  
**Cc:** Sam, Alen [ICG-IT NE] <[as46427@imcla.lac.nsroot.net](mailto:as46427@imcla.lac.nsroot.net)>  
**Subject:** RE: Severity 3 SR 3-16515646581 : Mark EOD

Hi Madhu,

Do you have the AWR from UAT captured after testing with the revised query?

Best Regards,

Neelima

Oracle logo.gif  
FLEXCUBE Global Support | +1 732 623 4772 (O)

Oracle Financial Services Software Inc.

Edison , New Jersey

**From:** Ravindran, Madhusudhanan [<mailto:madhusudhanan.ravindran@citi.com>]   
**Sent:** Tuesday, January 30, 2018 8:15 PM  
**To:** Neelima Prabhakaran <[neelima.prabhakaran@oracle.com](mailto:neelima.prabhakaran@oracle.com)>  
**Cc:** Sam, Alen [ICG-IT NE] <[alen.sam@citi.com](mailto:alen.sam@citi.com)>  
**Subject:** RE: Severity 3 SR 3-16515646581 : Mark EOD

Neelima, The cost improvement is too marginal, 5 vs 4. We can may be see a little better improvement, may be 18mins Mark EOD might come down to 17mins, but I don’t think with this it will bring it down to 5 mins. The execution time in the earlier AWR  and the recent ones I shared for this was nearly half a sec, which even with this revised query will not come down, as cost hasn’t changed much. What do you think? Any other options, along with taking this change?

**From:** Neelima Prabhakaran [<mailto:neelima.prabhakaran@oracle.com>]   
**Sent:** Tuesday, January 30, 2018 7:00 PM  
**To:** Ravindran, Madhusudhanan [ICG-IT NE] <[mr11883@imcnam.ssmb.com](mailto:mr11883@imcnam.ssmb.com)>  
**Cc:** Sam, Alen [ICG-IT NE] <[as46427@imcla.lac.nsroot.net](mailto:as46427@imcla.lac.nsroot.net)>  
**Subject:** RE: Severity 3 SR 3-16515646581 : Mark EOD

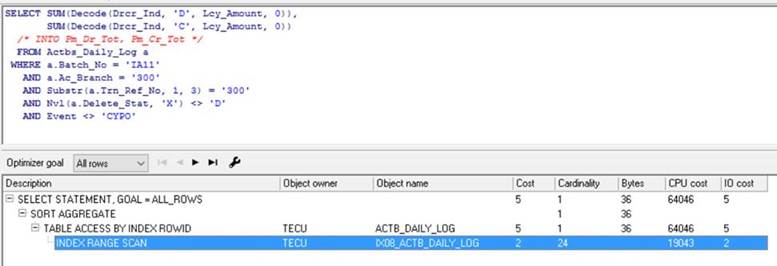
Hi Madhu,

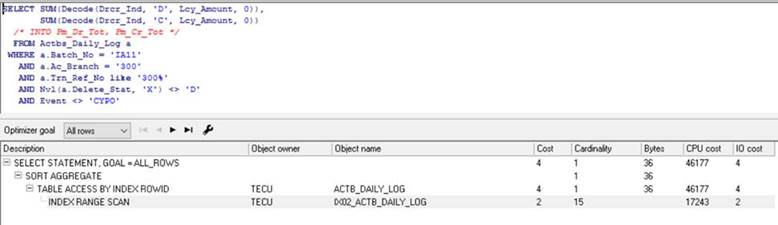
Recommendation from performance team is to go ahead and implement the previous recommended change to production.

If you look at plan of modified SQL, index on trn\_ref\_no ( IX02\_ACTB\_DAILY\_LOG  ) is getting used while in first SQL it does not get used due to substr.

IX02\_ACTB\_DAILY\_LOG on ACTB\_DAILY\_LOG (TRN\_REF\_NO, EVENT\_SR\_NO)

There is a difference in I/O and CPU Cost as well.





Best Regards,

Neelima

Oracle logo.gif  
FLEXCUBE Global Support | +1 732 623 4772 (O)

Oracle Financial Services Software Inc.

Edison , New Jersey

**From:** Ravindran, Madhusudhanan [<mailto:madhusudhanan.ravindran@citi.com>]   
**Sent:** Friday, January 26, 2018 2:59 PM  
**To:** Neelima Prabhakaran <[neelima.prabhakaran@oracle.com](mailto:neelima.prabhakaran@oracle.com)>  
**Cc:** Sam, Alen [ICG-IT NE] <[alen.sam@citi.com](mailto:alen.sam@citi.com)>  
**Subject:** RE: Severity 3 SR 3-16515646581 : Mark EOD

Neelima, Additional info on this earlier analysis for the 2 days is in attached mail. ASH reports are also included in this, if that helps.

**From:** Neelima Prabhakaran [<mailto:neelima.prabhakaran@oracle.com>]   
**Sent:** Thursday, January 25, 2018 6:13 PM  
**To:** Ravindran, Madhusudhanan [ICG-IT NE] <[mr11883@imcnam.ssmb.com](mailto:mr11883@imcnam.ssmb.com)>  
**Cc:** Sam, Alen [ICG-IT NE] <[as46427@imcla.lac.nsroot.net](mailto:as46427@imcla.lac.nsroot.net)>  
**Subject:** RE: Severity 3 SR 3-16515646581 : Mark EOD

Sure, I will check if we can tune this query.

Best Regards,

Neelima

Oracle logo.gif  
FLEXCUBE Global Support | +1 732 623 4772 (O)

Oracle Financial Services Software Inc.

Edison , New Jersey

**From:** Ravindran, Madhusudhanan [<mailto:madhusudhanan.ravindran@citi.com>]   
**Sent:** Thursday, January 25, 2018 6:01 PM  
**To:** Neelima Prabhakaran <[neelima.prabhakaran@oracle.com](mailto:neelima.prabhakaran@oracle.com)>  
**Cc:** Sam, Alen [ICG-IT NE] <[alen.sam@citi.com](mailto:alen.sam@citi.com)>  
**Subject:** RE: Severity 3 SR 3-16515646581 : Mark EOD

Thanks Neelima. Couldn’t find anything logged in the deleted transactions table. Having said that, changing this logic might not be feasible. If required, we can add index on batch+no, but have to consider online performance impact.

**From:** Neelima Prabhakaran [<mailto:neelima.prabhakaran@oracle.com>]   
**Sent:** Thursday, January 25, 2018 2:43 PM  
**To:** Ravindran, Madhusudhanan [ICG-IT NE] <[mr11883@imcnam.ssmb.com](mailto:mr11883@imcnam.ssmb.com)>  
**Cc:** Sam, Alen [ICG-IT NE] <[as46427@imcla.lac.nsroot.net](mailto:as46427@imcla.lac.nsroot.net)>  
**Subject:** RE: Severity 3 SR 3-16515646581 : Mark EOD

Hi Madhu,

This is invoked as part of the custom process to delete unauthorized transactions in pre-EOD.

There may not have been any unauthorized DE entries on the days when EOD got executed faster.

After deletion of unauth DE entries , fn\_get\_fcy\_total is invoked to update the Dr/Cr totals for the batch.

Was actb\_history partitioning implemented in production?

Best Regards,

Neelima

Oracle logo.gif  
FLEXCUBE Global Support | +1 732 623 4772 (O)

Oracle Financial Services Software Inc.

Edison , New Jersey

**From:** Ravindran, Madhusudhanan [<mailto:madhusudhanan.ravindran@citi.com>]   
**Sent:** Thursday, January 25, 2018 12:58 PM  
**To:** Neelima Prabhakaran <[neelima.prabhakaran@oracle.com](mailto:neelima.prabhakaran@oracle.com)>  
**Cc:** Sam, Alen [ICG-IT NE] <[alen.sam@citi.com](mailto:alen.sam@citi.com)>  
**Subject:** RE: Severity 3 SR 3-16515646581 : Mark EOD

Neelima, Circling back to this query. Below is the current background.

With all the tuning changes in for deferred archival, Mark EOD runs for 5-7 mins. But on some days, it runs longer, and this below query is the culprit. I don’t think tuning it is going to help, as we have tried changing the SUBSTR to LIKE and no improvement. Need to find out why this query is being executed on few days only.

Attached are the AWR for 2 days :

Mark EOD Time period:

AWR-1 :- Jan 25, 2018 1:16:16 AM Jan 25, 2018 1:34:24 AM EST – Mark EOD ran for 18 mins, and this query came up, and this query took 12 mins.

AWR-2 :- Jan 24, 2018 1:32:48 AM Jan 24, 2018 1:38:56 AM EST – Mark EOD ran for 5 mins, and this query did not come up.

The number of DE entries for both days are relatively same. So need to understand why only few days the fn\_get\_lcy\_totals / fn\_close\_batch is being invoked on mark EOD, and some days not invoked.

select count(1) from actb\_history where trn\_dt = '24-Jan-2018' and module = 'DE' *--3366*

select count(1) from actb\_history where trn\_dt = '23-Jan-2018' and module = 'DE' *--3938*

Regards,

Madhu

**From:** Neelima Prabhakaran [<mailto:neelima.prabhakaran@oracle.com>]   
**Sent:** Friday, January 05, 2018 4:50 PM  
**To:** Ravindran, Madhusudhanan [ICG-IT NE] <[mr11883@imcnam.ssmb.com](mailto:mr11883@imcnam.ssmb.com)>  
**Cc:** Pulluru, Vijaybhasker [ICG-IT NE] <[vp61179@imcnam.ssmb.com](mailto:vp61179@imcnam.ssmb.com)>; Jinkala, Vijaya Ganesh [ICG-IT NE] <[vj87039@imceu.eu.ssmb.com](mailto:vj87039@imceu.eu.ssmb.com)>; Ananda Nanjundappa <[ananda.nanjundappa@oracle.com](mailto:ananda.nanjundappa@oracle.com)>; Kamli, Ramprasath [ICG-IT NE] <[rk74976@imcnam.ssmb.com](mailto:rk74976@imcnam.ssmb.com)>  
**Subject:** RE: Severity 3 SR 3-16515646581 : Citi is raising performance issues in FC batch

Hi Madhu,

Please see the AWR log from 3-15567798821 attached.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Elapsed Time (s)** | **Executions** | **Elapsed Time per Exec (s)** | **%Total** | **%CPU** | **%IO** | **SQL Id** | **SQL Module** | **SQL Text** |
| 2,234.73 | 367 | 6.09 | 29.11 | 43.13 | 27.33 | [**01bvrru6qv5v6**](file:///C:\Users\NEPRABHA\AppData\Local\Temp\FCBZPROD_0816_04_5_30.html#01bvrru6qv5v6) | JDBC Thin Client | BEGIN Aepks\_Eoc\_Scheduler.Pr\_E... |
| 1,305.83 | 3,973 | 0.33 | 17.01 | 58.04 | 2.69 | [**3g4w3yfbg99zv**](file:///C:\Users\NEPRABHA\AppData\Local\Temp\FCBZPROD_0816_04_5_30.html#3g4w3yfbg99zv) | JDBC Thin Client | SELECT SUM(DECODE(DRCR\_IND, 'D... |

We can review the AWR logs again after implementing EOPD/ Trail Balance check/ actb partition changes.

Best Regards,

Neelima

Oracle logo.gif  
FLEXCUBE Global Support | +1 732 623 4772 (O)

Oracle Financial Services Software Inc.

Edison , New Jersey

**From:** Ravindran, Madhusudhanan [<mailto:madhusudhanan.ravindran@citi.com>]   
**Sent:** Friday, January 5, 2018 3:54 PM  
**To:** Neelima Prabhakaran <[neelima.prabhakaran@oracle.com](mailto:neelima.prabhakaran@oracle.com)>  
**Cc:** Pulluru, Vijaybhasker <[vijaybhasker.pulluru@citi.com](mailto:vijaybhasker.pulluru@citi.com)>; Jinkala, Vijaya Ganesh <[vijaya.ganesh.jinkala@citi.com](mailto:vijaya.ganesh.jinkala@citi.com)>; Ananda Nanjundappa <[ananda.nanjundappa@oracle.com](mailto:ananda.nanjundappa@oracle.com)>; Kamli, Ramprasath <[ramprasath.kamli@citi.com](mailto:ramprasath.kamli@citi.com)>  
**Subject:** RE: Severity 3 SR 3-16515646581 : Citi is raising performance issues in FC batch

Neelima,

This fix for the below query was tested in Oct and Citi noted that the performance actually deteriorated, so this was never taken forward to production.

Anyhow, we have the EOPD changes in UAT testing. So considering that, this issue was closed as well. Do you still think we need to check this to see if we need to fine-tune for better perf?  Do you recall the per exec time and no. of executions for this in the Mark EOD AWR?

Regards,

Madhu

**From:** Neelima Prabhakaran [<mailto:neelima.prabhakaran@oracle.com>]   
**Sent:** Monday, January 01, 2018 12:19 PM  
**To:** Pulluru, Vijaybhasker [ICG-IT NE] <[vp61179@imcnam.ssmb.com](mailto:vp61179@imcnam.ssmb.com)>; Jinkala, Vijaya Ganesh [ICG-IT NE] <[vj87039@imceu.eu.ssmb.com](mailto:vj87039@imceu.eu.ssmb.com)>; Vijay Pulluru <[vijaya.bhasker.pulluru@oracle.com](mailto:vijaya.bhasker.pulluru@oracle.com)>; Ananda Nanjundappa <[ananda.nanjundappa@oracle.com](mailto:ananda.nanjundappa@oracle.com)>  
**Cc:** Ravindran, Madhusudhanan [ICG-IT NE] <[mr11883@imcnam.ssmb.com](mailto:mr11883@imcnam.ssmb.com)>; Kamli, Ramprasath [ICG-IT NE] <[rk74976@imcnam.ssmb.com](mailto:rk74976@imcnam.ssmb.com)>  
**Subject:** RE: Severity 3 SR 3-16515646581 : Citi is raising performance issues in FC batch

Hi Vijay,

For the below query , a fix was released in [SR #3-15567798821](https://urldefense.proofpoint.com/v2/url?u=https-3A__support.us.oracle.com_oip_faces_secure_srm_srview_SRViewStandalone.jspx-3Fsr-3D3-2D15567798821&d=DwMFaQ&c=j-EkbjBYwkAB4f8ZbVn1Fw&r=RFwt5pEC6lm-Z1gwDMmroqO_h7WZpCAmVW-3rP5L-68&m=nJ0UwXlRYRrcX2J1uSqPfrlUziR2_sgiyGLY1GNr0yQ&s=D1DKq3dDFyefNi4i3MDMeQqcYXOMl_hahD9sXCD45zY&e=" \o "Click (or CTRL+Click if using Firefox) to view" \t "_blank).  Please refer attached.  
  
3g4w3yfbg99zv SELECT SUM(DECODE(DRCR\_IND, 'D', LCY\_AMOUNT, 0)), SUM(DECODE(DRCR\_IND , 'C' , LCY\_AMOUNT , 0)) FROM ACTBS\_DAILY\_LOG A WHERE A.BATCH\_NO = :B2 AND A.AC\_BRANCH = :B1 AND SUBSTR(A.TRN\_REF\_NO, 1, 3) = :B1 AND NVL(A.DELETE\_STAT, 'X') <> 'D' AND EVENT <> 'CYPO'

On Actb\_daily\_log, either of the below approaches can be followed for gather stats.

1. Do unlock and gather stats daily before Mark EOFI stage (which would have peak volume = day transaction + batch entries).
2. Just before starting every EOM, gather stats. Again unlock and gather stats before Mark EOFI stage (peak volume). Bank can do next gather stats, when the volume of the transactions are higher than the point in time of the previous gather stats.

PFA the base best practice document for gather stats.

Please also share the below details on MOS.

- Data from CSTB\_PARAM.  
- SQLHC report for the concerned queries.

- Spools of Check\_V1.SQL and EODEOM\_V2.sql shared on MOS.

Best Regards,

Neelima

Oracle logo.gif  
FLEXCUBE Global Support | +1 732 623 4772 (O)

Oracle Financial Services Software Inc.

Edison , New Jersey

**From:** Pulluru, Vijaybhasker [<mailto:vijaybhasker.pulluru@citi.com>]   
**Sent:** Friday, December 29, 2017 11:45 AM  
**To:** Jinkala, Vijaya Ganesh <[vijaya.ganesh.jinkala@citi.com](mailto:vijaya.ganesh.jinkala@citi.com)>; Vijay Pulluru <[vijaya.bhasker.pulluru@oracle.com](mailto:vijaya.bhasker.pulluru@oracle.com)>; Neelima Prabhakaran <[neelima.prabhakaran@oracle.com](mailto:neelima.prabhakaran@oracle.com)>; Ananda Nanjundappa <[ananda.nanjundappa@oracle.com](mailto:ananda.nanjundappa@oracle.com)>  
**Cc:** Ravindran, Madhusudhanan <[madhusudhanan.ravindran@citi.com](mailto:madhusudhanan.ravindran@citi.com)>; Kamli, Ramprasath <[ramprasath.kamli@citi.com](mailto:ramprasath.kamli@citi.com)>  
**Subject:** RE: Severity 3 SR 3-16515646581 : Citi is raising performance issues in FC batch

Noticed one more query in the AWR, the below query . Please see it in the attached.

Jinkala  - Please add the below to SR.

Neelima, please help.

|  |  |
| --- | --- |
| 3g4w3yfbg99zv | SELECT SUM(DECODE(DRCR\_IND, 'D', LCY\_AMOUNT, 0)), SUM(DECODE(DRCR\_IND , 'C' , LCY\_AMOUNT , 0)) FROM ACTBS\_DAILY\_LOG A WHERE A.BATCH\_NO = :B2 AND A.AC\_BRANCH = :B1 AND SUBSTR(A.TRN\_REF\_NO, 1, 3) = :B1 AND NVL(A.DELETE\_STAT, 'X') <> 'D' AND EVENT <> 'CYPO' |
|  |  |

Also note that the stats on actb\_dialy\_log are locked at 18k rows. Daily average number of rows in this table is around 500k.

* With this in the mind, Do we recommend to re-gather the stats  to say close to 500k?
* Once we re-gather the stats do we see any performance impact for online postings during the day?
* What is the our recommendations on stats gathering daily-refreshed tables like actb\_daily\_log, At what stage and frequency should we collect the stats on such tables?

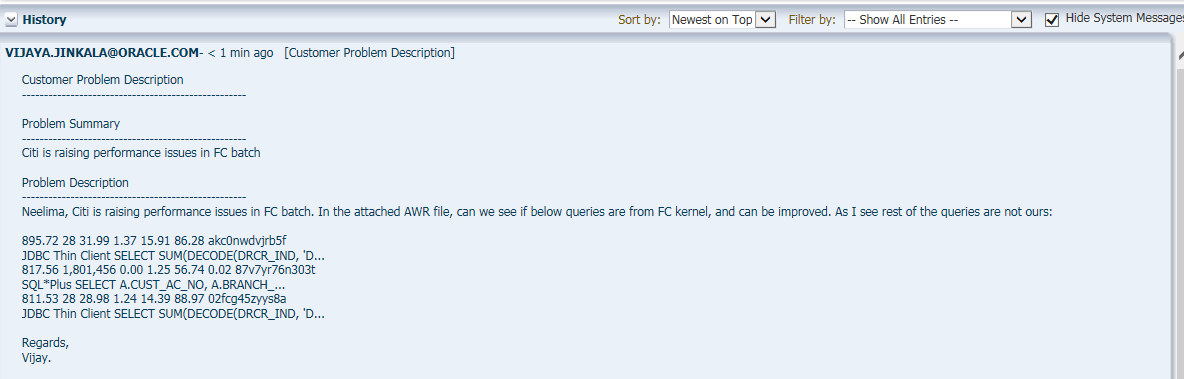
Regards,

Vijay.

**From:** Jinkala, Vijaya Ganesh [ICG-IT NE]   
**Sent:** Thursday, December 28, 2017 11:31 AM  
**To:** 'Vijay Pulluru' <[vijaya.bhasker.pulluru@oracle.com](mailto:vijaya.bhasker.pulluru@oracle.com)>; Neelima Prabhakaran <[neelima.prabhakaran@oracle.com](mailto:neelima.prabhakaran@oracle.com)>; Pulluru, Vijaybhasker [ICG-IT NE] <[vp61179@imcnam.ssmb.com](mailto:vp61179@imcnam.ssmb.com)>; Ananda Nanjundappa <[ananda.nanjundappa@oracle.com](mailto:ananda.nanjundappa@oracle.com)>  
**Cc:** Ravindran, Madhusudhanan [ICG-IT NE] <[mr11883@imcnam.ssmb.com](mailto:mr11883@imcnam.ssmb.com)>; Kamli, Ramprasath [ICG-IT NE] <[rk74976@imcnam.ssmb.com](mailto:rk74976@imcnam.ssmb.com)>; Jinkala, Vijaya Ganesh [ICG-IT NE] <[vj87039@imceu.eu.ssmb.com](mailto:vj87039@imceu.eu.ssmb.com)>  
**Subject:** Severity 3 SR 3-16515646581 : Citi is raising performance issues in FC batch

SR Raised

|  |  |  |
| --- | --- | --- |
| **Severity 3** | https://support.oracle.com/epmos/adf/images/t.gif | **SR 3-16515646581 : Citi is raising performance issues in FC batch** |



Thanks & Regards

J Vijay Ganesh

**From:** Vijay Pulluru [<mailto:vijaya.bhasker.pulluru@oracle.com>]   
**Sent:** Thursday, December 28, 2017 12:38 PM  
**To:** Neelima Prabhakaran; Pulluru, Vijaybhasker [ICG-IT NE]; Ananda Nanjundappa  
**Cc:** Jinkala, Vijaya Ganesh [ICG-IT NE]; Ravindran, Madhusudhanan [ICG-IT NE]; Kamli, Ramprasath [ICG-IT NE]  
**Subject:** RE: Flexcube LATAM - URGENT

Jinkala, pls log in MOS.

Regards,

Vijay.

-------- Original message --------

From: Neelima Prabhakaran <[neelima.prabhakaran@oracle.com](mailto:neelima.prabhakaran@oracle.com)>

Date: 12/28/17 10:15 AM (GMT-05:00)

To: "Pulluru, Vijaybhasker" <[vijaybhasker.pulluru@citi.com](mailto:vijaybhasker.pulluru@citi.com)>, Ananda Nanjundappa <[ananda.nanjundappa@oracle.com](mailto:ananda.nanjundappa@oracle.com)>

Cc: "Jinkala, Vijaya Ganesh" <[vijaya.ganesh.jinkala@citi.com](mailto:vijaya.ganesh.jinkala@citi.com)>, "Ravindran, Madhusudhanan" <[madhusudhanan.ravindran@citi.com](mailto:madhusudhanan.ravindran@citi.com)>, Vijay Pulluru <[vijaya.bhasker.pulluru@oracle.com](mailto:vijaya.bhasker.pulluru@oracle.com)>, "Kamli, Ramprasath" <[ramprasath.kamli@citi.com](mailto:ramprasath.kamli@citi.com)>

Subject: RE: Flexcube LATAM - URGENT

Hi Vijay,

We’ll check this. Could you please get this logged on MOS.

Best Regards,

Neelima

FLEXCUBE Global Support | +1 732 623 4772 (O)

Oracle Financial Services Software Inc.

Edison , New Jersey

**From:** Pulluru, Vijaybhasker [<mailto:vijaybhasker.pulluru@citi.com>]   
**Sent:** Thursday, December 28, 2017 9:22 AM  
**To:** Neelima Prabhakaran <[neelima.prabhakaran@oracle.com](mailto:neelima.prabhakaran@oracle.com)>; Ananda Nanjundappa <[ananda.nanjundappa@oracle.com](mailto:ananda.nanjundappa@oracle.com)>  
**Cc:** Jinkala, Vijaya Ganesh <[vijaya.ganesh.jinkala@citi.com](mailto:vijaya.ganesh.jinkala@citi.com)>; Ravindran, Madhusudhanan <[madhusudhanan.ravindran@citi.com](mailto:madhusudhanan.ravindran@citi.com)>; Vijay Pulluru <[vijaya.bhasker.pulluru@oracle.com](mailto:vijaya.bhasker.pulluru@oracle.com)>; Kamli, Ramprasath <[ramprasath.kamli@citi.com](mailto:ramprasath.kamli@citi.com)>  
**Subject:** FW: Flexcube LATAM - URGENT

Neelima, Citi is raising performance issues in FC batch. In the attached AWR file, can we see if below queries are from FC kernel, and can be improved. As I see rest of the queries are not ours:

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 895.72 | 28 | 31.99 | 1.37 | 15.91 | 86.28 | [**akc0nwdvjrb5f**](file:///C:\Users\vp61179\AppData\Local\Microsoft\Windows\Temporary%20Internet%20Files\Content.Outlook\UIJD4R9H\awrrpt_1_34106_34110.html#akc0nwdvjrb5f) | JDBC Thin Client | SELECT SUM(DECODE(DRCR\_IND, 'D... |
| 817.56 | 1,801,456 | 0.00 | 1.25 | 56.74 | 0.02 | [**87v7yr76n303t**](file:///C:\Users\vp61179\AppData\Local\Microsoft\Windows\Temporary%20Internet%20Files\Content.Outlook\UIJD4R9H\awrrpt_1_34106_34110.html#87v7yr76n303t) | SQL\*Plus | SELECT A.CUST\_AC\_NO, A.BRANCH\_... |
| 811.53 | 28 | 28.98 | 1.24 | 14.39 | 88.97 | [**02fcg45zyys8a**](file:///C:\Users\vp61179\AppData\Local\Microsoft\Windows\Temporary%20Internet%20Files\Content.Outlook\UIJD4R9H\awrrpt_1_34106_34110.html#02fcg45zyys8a) | JDBC Thin Client | SELECT SUM(DECODE(DRCR\_IND, 'D... |

Regards,

Vijay.

**From:** Das, Sarada Prasad [ICG-IT]   
**Sent:** Tuesday, December 26, 2017 1:27 PM  
**To:** Kamath, Vinayak [ICG-IT] <[vk01456@imcnam.ssmb.com](mailto:vk01456@imcnam.ssmb.com)>; Shah, Apurva [ICG-IT NE] <[as07821@imcnam.ssmb.com](mailto:as07821@imcnam.ssmb.com)>; Pulluru, Vijaybhasker [ICG-IT NE] <[vp61179@imcnam.ssmb.com](mailto:vp61179@imcnam.ssmb.com)>  
**Cc:** Ahuja, Sanjiv K [ICG-IT] <[sa67813@imcnam.ssmb.com](mailto:sa67813@imcnam.ssmb.com)>; Tomar, Sunil [ICG-IT] <[st60615@imcnam.ssmb.com](mailto:st60615@imcnam.ssmb.com)>  
**Subject:** RE: Flexcube LATAM - URGENT

PFA AWR report shared by DBA.

**Best Regards**

**Sarada Prasad Das**  
TTS Production Support: Citichecking/Flexcube NAM

EL BOSQUE NORTE 500 PISO 7   
Santiago    CHL  7550092  
T 56 (2) 24296527  | M 56 (9) 73828329 *(opcional)*  
[Sarada.prasad.das@citi.com](mailto:Sarada.prasad.das@citi.com)

**Feedback on production support service quality at** [sunil.tomar@citi.com](mailto:sunil.tomar@citi.com)

**From:** Ahuja, Sanjiv K [ICG-IT]   
**Sent:** martes, 26 de diciembre de 2017 12:58  
**To:** Tomar, Sunil [ICG-IT] <[st60615@imcnam.ssmb.com](mailto:st60615@imcnam.ssmb.com)>; Das, Sarada Prasad [ICG-IT] <[sd11967@imcla.lac.nsroot.net](mailto:sd11967@imcla.lac.nsroot.net)>  
**Cc:** Pulluru, Vijaybhasker [ICG-IT NE] <[vp61179@imcnam.ssmb.com](mailto:vp61179@imcnam.ssmb.com)>; Kamath, Vinayak [ICG-IT] <[vk01456@imcnam.ssmb.com](mailto:vk01456@imcnam.ssmb.com)>; Shah, Apurva [ICG-IT NE] <[as07821@imcnam.ssmb.com](mailto:as07821@imcnam.ssmb.com)>  
**Subject:** RE: Flexcube LATAM - URGENT

In the meantime, Sarada please share AWR reports with Vijay, Vinayak and Apurva for further analysis.

**From:** Tomar, Sunil [ICG-IT]   
**Sent:** Tuesday, December 26, 2017 12:50 PM  
**To:** Shah, Jineshkumar B [CCC-OT]; Desai, Bhavtosh [CCC-OT]  
**Cc:** Ahuja, Sanjiv K [ICG-IT]; Das, Sarada Prasad [ICG-IT]; West, James [ICG-IT]; Rubio, Jeff V [CCC-OT]  
**Subject:** RE: Flexcube LATAM - URGENT

Bhavtosh / Jinesh

Please provide a date and time this week where we can have Flexcube PS, Dev and DBA get together to go through the findings by DBAs.

Given the urgency here, we need to have this meeting this week ASAP so that dev can plan accordingly

Thanks

Suunil S Tomaar

Sent with BlackBerry Work