

Oracle FLEXCUBE UBS Database Practices

Db 19c

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# 1. Table & Index Partitioning

Table and index partitioning helps to reduce the contention and GC related delays in RAC environment. Table and index partitioning is mandatory if you have deployed Oracle FLEXCUBE in RAC database.

Following are the list of tables to be partitioned:

| Table Name                        | Partitioning Type | Column name                |
|-----------------------------------|-------------------|----------------------------|
| ACTB_ACCBAL_HISTORY               | LIST              | BRANCH_CODE                |
| ACTB_DAILY_LOG                    | LIST              | AC_BRANCH                  |
| ACTB_HISTORY                      | LIST              | AC_BRANCH                  |
| ACTB_MONTHLY_TOV_HIST             | LIST              | BRANCH_CODE                |
| ACTB_VD_BAL                       | LIST              | BRN                        |
| CATM_CHECK_BOOK                   | LIST              | BRANCH                     |
| CATM_CHECK_DETAILS                | LIST              | BRANCH                     |
| CFTB_CONTRACT_CHARGES             | HASH              | CONTRACT_REFERENCE_N<br>O  |
| CLTB_ACCOUNT_APPS_MASTER          | RANGE             | BRANCH_CODE,PROCESS_<br>NO |
| CLTB_ACCOUNT_COMPONENTS           | LIST              | BRANCH_CODE                |
| CLTB_ACCOUNT_COMP_BALANCES        | LIST              | BRANCH_CODE                |
| CLTB_ACCOUNT_COMP_BAL_BREAK<br>UP | LIST              | BRANCH_CODE                |
| CLTB_ACCOUNT_COMP_BAL_SUMM<br>ARY | LIST              | BRANCH_CODE                |
| CLTB_ACCOUNT_COMP_CALC            | LIST              | BRANCH_CODE                |
| CLTB_ACCOUNT_COMP_SCH             | LIST              | BRANCH_CODE                |
| CLTB_ACCOUNT_EVENTS_ADVICES       | LIST              | BRANCH_CODE                |
| CLTB_ACCOUNT_EVENTS_DIARY         | RANGE             | BRANCH_CODE,PROCESS_<br>NO |
| CLTB_ACCOUNT_PARTIES              | LIST              | BRANCH_CODE                |
| CLTB_ACCOUNT_ROLL_COMP            | LIST              | BRANCH_CODE                |
| CLTB_ACCOUNT_SCHEDULES            | LIST              | BRANCH_CODE                |
| CLTB_ACCOUNT_UDE_EFF_DATES        | LIST              | BRANCH_CODE                |
| CLTB_ACCOUNT_UDE_VALUES           | LIST              | BRANCH_CODE                |
| CLTB_ACC_COMPOUNDING_DATES        | LIST              | BRANCH_CODE                |
| CLTB_ACC_STCH_PROCESED            | LIST              | BRANCH_CODE                |
| CLTB_AMOUNT_PAID                  | LIST              | BRANCH_CODE                |
| CLTB_AMOUNT_PAID_HISTORY          | LIST              | BRANCH_CODE                |
| CLTB_AMOUNT_REC'D                 | LIST              | BRANCH_CODE                |
| CLTB_CALC_DATES                   | LIST              | BRANCH_CODE                |
| CLTB_DISBR_SCHEDULES              | LIST              | BRANCH_CODE                |
| CLTB_EVENT_ENTRIES                | RANGE             | BRANCH_CODE,PROCESS_<br>NO |
| CLTB_EVENT_ENTRIES_PENDING        | LIST              | BRANCH_CODE                |

| Table Name                 | Partitioning Type | Column name                                 |
|----------------------------|-------------------|---|
| CLTB_EVENT_REMARKS         | LIST              | BRANCH_CODE                                 |
| CLTB_LIQ                   | LIST              | BRANCH_CODE                                 |
| CLTB_PROCESSED_REVISIONS   | LIST              | BRANCH_CODE                                 |
| CLTB_RECON                 | LIST              | BRANCH_CODE                                 |
| CLTB_REVISION_ACCOUNTS     | LIST              | BRANCH_CODE                                 |
| CLTB_REVN_SCHEDULES        | LIST              | BRANCH_CODE                                 |
| CLTP_ACCOUNT_COMP_BALANCES | LIST              | BRANCH_CODE                                 |
| CLTP_ACCOUNT_COMP_CALC     | LIST              | BRANCH_CODE                                 |
| CLTP_ACCOUNT_COMP_SCH      | LIST              | BRANCH_CODE                                 |
| CLTP_ACCOUNT_SCHEDULES     | LIST              | BRANCH_CODE                                 |
| CLTP_REVN_SCHEDULES        | LIST              | BRANCH_CODE                                 |
| CSTB_AMOUNT_DUE            | HASH              | CONTRACT_REF_NO                             |
| CSTB_AUTO_SETTLE_BLOCK     | LIST              | ACCOUNT_BR                                  |
| CSTB_CONTRACT              | LIST              | BRANCH                                      |
| CSTB_CONTRACT_EVENT_LOG    | HASH              | CONTRACT_REF_NO                             |
| CSTB_CONTRACT_OVD          | HASH              | CONTRACT_REF_NO,EVEN<br>T_SEQ_NO,OVD_SEQ_NO |
| CSTB_EXT_CONTRACT_STAT     | LIST              | BRANCH_CODE                                 |
| CSTB_MSG_LOG               | HASH              | MSG_ID                                      |
| CSTB_RELATIONSHIP_LINKAGE  | HASH              | REF_NO                                      |
| DETB_BATCH_MASTER          | LIST              | BRANCH_CODE                                 |
| DETB_JRNL_LOG              | LIST              | BRANCH_CODE                                 |
| DETB_PCTRN                 | LIST              | BRANCH                                      |
| DETB_RTL_TELLER            | LIST              | BRANCH_CODE                                 |
| ELTB_UTIL_TXN_LOG          | HASH              | MASTER_TXN_ID                               |
| FBTB_OVD                   | HASH              | SEQ_NO,XREF                                 |
| FBTB_TXNLOG_DETAILS        | HASH              | XREFID                                      |
| FBTB_TXNLOG_MASTER         | HASH              | XREFID                                      |
| FCT_FACILITY               | RANGE             | MIS_DATE                                    |
| FCT_FAC_EXP_MAP            | RANGE             | MIS_DATE                                    |
| FCT_LOAN                   | RANGE             | MIS_DATE                                    |
| FCT_TRACK_EXPOSURE         | RANGE             | MIS_DATE                                    |
| FCT_UTILS_EXP              | RANGE             | MIS_DATE                                    |
| FTTB_ACTIVITY_JOURNAL      | HASH              | CONTRACT_REF_NO                             |
| FTTB_CONTRACT_MASTER       | HASH              | CONTRACT_REF_NO                             |
| GETB_MAIN_UTILS            | HASH              | UTIL_ID                                     |
| GETB_UTILS                 | HASH              | USER_REFNO                                  |
| GETB_UTILS_LOG             | LIST              | UTIL_BRN                                    |
| GETB_VD_UTILS              | HASH              | FACILITY_ID                                 |
| GETH_UTILS                 | LIST              | UTIL_BRN                                    |
| GETM_LIAB                  | HASH              | ID  |
| GETM_LIAB_CUST             | LIST              | BRANCH_CODE                                 |

| Table Name                | Partitioning Type | Column name     |
|---------------------------|-------------------|-----------------|
| GLTB_CUST_ACCBREAKUP      | LIST              | BRANCH_CODE     |
| GLTB_GL_BAL               | LIST              | BRANCH_CODE     |
| GWTB_DEDUPE               | HASH              | MSG_REF_NO      |
| GWTB_MSG_IN_LOG           | HASH              | MSG_REF_NO      |
| GWTB_MSG_OUT_LOG          | HASH              | MSG_REF_NO      |
| ICTB_ACC_PR               | LIST              | BRN             |
| ICTB_ACC_PR_HISTORY       | LIST              | BRN             |
| ICTB_ADJ_INTEREST         | LIST              | BRN             |
| ICTB_ADJ_INTEREST_HISTORY | LIST              | BRN             |
| ICTB_BOOK_ERR             | LIST              | BRN             |
| ICTB_CHG_VAL              | LIST              | BRN             |
| ICTB_DLY_MSG_OUT          | LIST              | BRN             |
| ICTB_DR_INT_DUE           | LIST              | BOOK_BRN        |
| ICTB_ENTRIES              | LIST              | BRN             |
| ICTB_ENTRIES_HISTORY      | LIST              | BRN             |
| ICTB_IS_VALS              | LIST              | BRN             |
| ICTB_ITM_TOV              | LIST              | BRN             |
| ICTB_PROBLEM_LOG          | LIST              | BRN             |
| ICTB_UDEVALS              | HASH              | COND_KEY        |
| ICTB_UDEVAL_ROW           | HASH              | COND_KEY        |
| ICTM_ACC                  | LIST              | BRN             |
| ICTM_CHILDTD_DETAILS      | LIST              | BRN             |
| ICTW_ACC_PR               | LIST              | BRN             |
| ICTW_BACK_IS_VALS         | LIST              | BRN             |
| ICTW_MAKE_ROW             | HASH              | COND_KEY        |
| ISTB_CONTRACTIS           | HASH              | CONTRACT_REF_NO |
| ISTB_CONTRACT_DETAILS     | HASH              | CONTRACT_REF_NO |
| ISTB_MSGHO                | HASH              | CONTRACT_REF_NO |
| ISTM_INSTR                | LIST              | BRANCH          |
| MITB_CLASS_MAPPING        | HASH              | UNIT_REF_NO     |
| MSTB_CONTRACT_CHG_ADVICE  | HASH              | CONTRACT_REF_NO |
| MSTB_DLY_MSG_OUT          | LIST              | BRANCH          |
| MSTB_EXT_MSG_OUT          | HASH              | DCN             |
| MSTB_MSG_PDE_LOG          | HASH              | DCN             |
| MSTB_MSG_STAT             | HASH              | REFERENCE_NO    |
| MSTM_MSG_ADDRESS          | HASH              | CUSTOMER_NO     |
| PCTB_CONTRACT_MASTER      | LIST              | BRANCH_CODE     |
| SITB_CONTRACT_MASTER      | HASH              | CONTRACT_REF_NO |
| SITB_CYCLE_DETAIL         | LIST              | BRANCH_CODE     |
| SITB_CYCLE_DUE_EXEC       | LIST              | BRANCH_CODE     |
| SITB_DLY_MSG_OUT          | HASH              | INSTRUCTION_NO  |

| Table Name                   | Partitioning Type | Column name        |
|------------------------------|-------------------|--------------------|
| SITB_INSTRUCTION             | LIST              | BRANCH             |
| SMTB_SMS_ACTION_LOG          | HASH              | ACTION_SEQUENCE_NO |
| SMTB_SMS_LOG                 | HASH              | SEQUENCE_NO        |
| SMTT_SMS_LOG                 | HASH              | SEQUENCE_NO        |
| STTB_ACCOUNT                 | LIST              | BRANCH_CODE        |
| STTB_FIELD_LOG               | HASH              | KEY_ID             |
| STTB_NOTIFICATION            | HASH              | PKEY_VALUES        |
| STTB_NOTIFICATION_HISTORY    | HASH              | PKEY_VALUES        |
| STTB_NOTIFICATION_LOG        | HASH              | REFERENCE_NO       |
| STTB_RECORD_LOG              | LIST              | BRANCH_CODE        |
| STTB_RECORD_MASTER           | LIST              | BRANCH_CODE        |
| STTM_ACCOUNT_REPORT_GEN_TIME | LIST              | BRANCH_CODE        |
| STTM_ACCSTAT_REPLINES_DETAIL | LIST              | BRANCH_CODE        |
| STTM_CUSTAC_BAL_NOTIF        | LIST              | BRANCH_CODE        |
| STTM_CUSTOMER                | HASH              | CUSTOMER_NO        |
| STTM_CUST_ACCOUNT            | LIST              | BRANCH_CODE        |
| STTM_CUST_ACCOUNT_DORMANCY   | LIST              | BRANCH_CODE        |
| STTM_CUST_PERSONAL           | HASH              | CUSTOMER_NO        |
| SWTB_ARCHIVE_STAGING         | LIST              | PROCESS_SEQ_NO     |
| SWTB_TXN_HIST                | HASH              | XREF               |
| SWTB_TXN_LOG                 | HASH              | XREF               |
| SWTB_TXN_TIME                | HASH              | XREF               |
| TATB_TXNRULE                 | HASH              | CONTRACT_REF_NO    |

Following are the list of indexes to be partitioned:

| TABLE_NAME          | INDEX_NAME               | PARTITIONING_TYPE | PARTITION COLUMN |
|---------------------|--------------------------|-------------------|------------------|
| ACTB_ACCBAL_HISTORY | PK01_ACTB_ACCBAL_HISTORY | LIST              | BRANCH_CODE      |
| ACTB_DAILY_LOG      | IX01_ACTB_DAILY_LOG      | LIST              | AC_BRANCH        |
| ACTB_DAILY_LOG      | IX02_ACTB_DAILY_LOG      | HASH              | TRN_REF_NO       |
| ACTB_DAILY_LOG      | IX07_ACTB_DAILY_LOG      | HASH              | AC_NO            |
| ACTB_DAILY_LOG      | IX08_ACTB_DAILY_LOG      | LIST              | AC_BRANCH        |
| ACTB_DAILY_LOG      | PK01_ACTB_DAILY_LOG      | REVERSE           | AC_ENTRY_SR_NO   |
| ACTB_DAILY_LOG      | X5_ACTB_DAILY_LOG        | HASH              | RELATED_ACCOUNT  |
| ACTB_DAILY_LOG      | X6_ACTB_DAILY_LOG        | LIST              | AC_BRANCH        |
| ACTB_HISTORY        | IX01_ACTB_HISTORY        | LIST              | AC_BRANCH        |
| ACTB_HISTORY        | IX05_ACTB_HISTORY        | HASH              | AC_NO            |
| ACTB_HISTORY        | PK01_ACTB_HISTORY        | REVERSE           | AC_ENTRY_SR_NO   |

| TABLE_NAME                         | INDEX_NAME                     | PARTITIONING_TYPE | PARTITION COLUMN           |
|------------------------------------|--------------------------------|-------------------|----------------------------|
| ACTB_MONTHLY_TOV_HIST              | PK01_ACTB_MONTHLY_TOV_HIST     | LIST              | BRANCH_CODE                |
| ACTB_VD_BAL                        | PK01_ACTB_VD_BAL               | LIST              | BRN                        |
| CATM_CHECK_BOOK                    | PK01_CATM_CHECK_BOOK           | LIST              | BRANCH                     |
| CATM_CHECK_DETAILS                 | PK01_CATM_CHECK_DETAILS        | LIST              | BRANCH                     |
| CFTB_CONTRACT_CHARGES              | IX01_CFTB_CONTRACT_CHARGES     | HASH              | CONTRACT_REFERENCE_NUMBER  |
| CFTB_CONTRACT_CHARGES              | PK01_CFTB_CONTRACT_CHARGES     | HASH              | CONTRACT_REFERENCE_NUMBER  |
| CLTB_ACCOUNT_APPS_MASTER           | IDX_ACC_BATCH                  | RANGE             | BRANCH_CODE,PROCESS_NUMBER |
| CLTB_ACCOUNT_APPS_MASTER           | IDX_CLALTACC                   | HASH              | ALT_ACC_NO                 |
| CLTB_ACCOUNT_APPS_MASTER           | IND1_CLTB_ACCOUNT_APPS_MASTER  | HASH              | CUSTOMER_ID                |
| CLTB_ACCOUNT_APPS_MASTER           | PK_CL_ACNT_APP_MASTER          | HASH              | ACCOUNT_NUMBER             |
| CLTB_ACCOUNT_COMPONENTS            | PK_CL_ACNT_COMP                | LIST              | BRANCH_CODE                |
| CLTB_ACCOUNT_COMPONENT_BALANCES    | PK_ACCT_COMP_BAL               | LIST              | BRANCH_CODE                |
| CLTB_ACCOUNT_COMPONENT_BAL_BREAKUP | IDX_UNQ_COMP_BAL_BREAKUP       | LIST              | BRANCH_CODE                |
| CLTB_ACCOUNT_COMPONENT_BAL_SUMMARY | PK_CLTB_ACCOUNT_COMP_BAL_SUMMA | LIST              | BRANCH_CODE                |
| CLTB_ACCOUNT_COMPONENT_CALC        | PK_CLTB_ACCOUNT_COMP_CALC      | HASH              | ACCOUNT_NUMBER             |
| CLTB_ACCOUNT_COMPONENT_SCH         | PK_CL_ACNT_COMP_SCH            | LIST              | BRANCH_CODE                |
| CLTB_ACCOUNT_EVENTS_ADVICES        | PK_CLTB_ACCOUNT_EVENTS_ADVICES | LIST              | BRANCH_CODE                |
| CLTB_ACCOUNT_EVENTS_DIARY          | IDX_CL_ACNT_EVNTS_LOG          | RANGE             | BRANCH_CODE,PROCESS_NUMBER |
| CLTB_ACCOUNT_EVENTS_DIARY          | IND_INCOMPLETE_EVENTS          | RANGE             | BRANCH_CODE,PROCESS_NUMBER |
| CLTB_ACCOUNT_EVENTS_DIARY          | IX01_CLTB_ACCNT_EVNTS_DIARY    | RANGE             | BRANCH_CODE,PROCESS_NUMBER |
| CLTB_ACCOUNT_PARTIES               | PK_CL_ACNT_PARTIES             | LIST              | BRANCH_CODE                |
| CLTB_ACCOUNT_ROLL_COMP             | PK_ACCOUNT_ROLL_COMP           | LIST              | BRANCH_CODE                |

| TABLE_NAME                    | INDEX_NAME                   | PARTITIONING_TYPE | PARTITION COLUMN           |
|-------------------------------|------------------------------|-------------------|----------------------------|
| CLTB_ACCOUNT_SCHEDULES        | IDX_CL_AMT_DUE               | LIST              | BRANCH_CODE                |
| CLTB_ACCOUNT_SCHEDULES        | IND_COMP_DUE_DATE            | HASH              | ACCOUNT_NUMBER             |
| CLTB_ACCOUNT_UDE_EFFECT_DATES | PK_ACC_UDE_EFF_DT            | LIST              | BRANCH_CODE                |
| CLTB_ACCOUNT_UDE_VALUES       | IDX_ARVN                     | LIST              | BRANCH_CODE                |
| CLTB_ACCOUNT_UDE_VALUES       | PK_CL_ACNT_UDE_VALS          | HASH              | ACCOUNT_NUMBER             |
| CLTB_ACC_STCH_PROCESSED       | PK_CLTB_ACC_STCH_PROCESSED   | LIST              | BRANCH_CODE                |
| CLTB_AMOUNT_REC'D             | IDX_CLTB_AMOUNT_REC'D        | LIST              | BRANCH_CODE                |
| CLTB_CALC_DATES               | IDX_CALC_DT                  | LIST              | BRANCH_CODE                |
| CLTB_CALC_DATES               | PK01_CLTB_CALC_DATES         | LIST              | BRANCH_CODE                |
| CLTB_DISBR_SCHEDULES          | PK_CL_DISBR_SCH              | LIST              | BRANCH_CODE                |
| CLTB_EVENT_ENTRIES            | IDX_ENT_AUTHACNT             | RANGE             | BRANCH_CODE,PROCESS_NUMBER |
| CLTB_EVENT_ENTRIES            | IND_CRREF                    | HASH              | CRTRNREFNO                 |
| CLTB_EVENT_ENTRIES            | IND_DRREF                    | HASH              | DRTRNREFNO                 |
| CLTB_EVENT_ENTRIES_PENDING    | IDX_PEND_EVENT               | LIST              | BRANCH_CODE                |
| CLTB_EVENT_ENTRIES_PENDING    | IND1_CLTB_EVENT_ENTR_PENDING | HASH              | DR_ACC                     |
| CLTB_EVENT_REMARKS            | PK_CLTB_EVENT_REMARKS        | LIST              | BRANCH_CODE                |
| CLTB_LIQ                      | PK_CLTB_LIQ                  | HASH              | ACCOUNT_NUMBER             |
| CLTB_PROCESSED_REVISIONS      | PK_CLTB_PROCESSED_REVISIONS  | LIST              | BRANCH_CODE                |
| CLTB_RECON                    | PK1_CLTB_RECON               | LIST              | BRANCH_CODE                |
| CLTB_REVISION_ACCOUNTS        | IDX_REVN_BATCH               | LIST              | BRANCH_CODE                |
| CLTB_REVISION_ACCOUNTS        | PK_REVISION_ACCOUNTS         | LIST              | BRANCH_CODE                |
| CLTB_REVN_SCHEDULES           | PK_REVN_SCH                  | LIST              | BRANCH_CODE                |
| CLTB_SDE_VALUES               | PK_SDE_VALUES                | HASH              | ACCOUNT_NUMBER             |
| CLTP_ACCOUNT_COMP_BALANCES    | PK_CLTP_COMP_BAL             | LIST              | BRANCH_CODE                |
| CLTP_ACCOUNT_COMP_CALC        | PK_CLTP_ACCOUNT_COMP_CALC    | LIST              | BRANCH_CODE                |
| CLTP_ACCOUNT_COMP_SCH         | PK_CLTP_COMP_SCH             | HASH              | ACCOUNT_NUMBER             |



| TABLE_NAME                   | INDEX_NAME                     | PARTITIONING_TYPE | PARTITION COLUMN |
|------------------------------|--------------------------------|-------------------|------------------|
| CLTP_ACCOUNT_MASTER          | IND1_CLTP_ACCOUNT_MASTER       | HASH              | ACCOUNT_NUMBER   |
| CLTP_ACCOUNT_SCHEDULES       | IDX_CLTP_AMT_DUE               | LIST              | BRANCH_CODE      |
| CLTP_REVN_SCHEDULES          | PK_P_REVN_SCH                  | HASH              | ACCOUNT_NUMBER   |
| CSTB_AMOUNT_DUE              | PK01_CSTB_AMOUNT_DUE           | HASH              | CONTRACT_REF_NO  |
| CSTB_AMOUNT_PAID             | PK01_CSTB_AMOUNT_PAID          | HASH              | CONTRACT_REF_NO  |
| CSTB_AUTO_SETTLE_BLOCK       | IND_AUTO_STLBLK_ACC            | LIST              | ACCOUNT_BRANCH   |
| CSTB_AUTO_SETTLE_BLOCK       | PK01_CSTB_AUTO_SETTLE_BLOCK    | HASH              | CONTRACT_REF_NO  |
| CSTB_CONTRACT                | IX03_CSTB_CONTRACT             | HASH              | COUNTERPARTY     |
| CSTB_CONTRACT                | IX04_CSTB_CONTRACT             | LIST              | BRANCH           |
| CSTB_CONTRACT                | PK01_CSTB_CONTRACT             | HASH              | CONTRACT_REF_NO  |
| CSTB_CONTRACT                | UI01_CSTB_CONTRACT             | HASH              | USER_REF_NO      |
| CSTB_CONTRACT_C              | I02_CSTB_CONTRACT_C            | HASH              | CONTRACT_REF_NO  |
| CSTB_CONTRACT_EVENT_LOG      | IX02_CSTB_CONTRACT_EVENT_LOG   | HASH              | CONTRACT_REF_NO  |
| CSTB_CONTRACT_EVENT_LOG      | PK01_CSTB_CONTRACT_EVENT_LOG   | HASH              | CONTRACT_REF_NO  |
| CSTB_CONTRACT_OVD            | PK01_CSTB_CONTRACT_OVD         | HASH              | CONTRACT_REF_NO  |
| CSTB_CONTRACT_USERDEF_VALUES | PK01_CSTB_CONTRACT_USERDEF_VAL | HASH              | CONTRACT_REF_NO  |
| CSTB_DOC_UPLOAD_MASTER       | PK01_CSTB_DOC_UPLD_MASTER      | HASH              | KEY_ID           |
| CSTB_EXT_CONTRACT_STAT       | IX02_CSTB_EXT_CONTRACT_STAT    | LIST              | BRANCH_CODE      |
| CSTB_MSG_LOG                 | PK01_CSTB_MSG_LOG              | HASH              | MSG_ID           |
| CSTB_RELATIONSHIP_LINKAGE    | PK01_CSTB_RELATIONSHIP_LINKAGE | HASH              | REF_NO           |
| DETB_BATCH_MASTER            | IX01_DETB_BATCH_MASTER         | LIST              | BRANCH_CODE      |
| DETB_BATCH_MASTER            | PK01_DETB_BATCH_MASTER         | LIST              | BRANCH_CODE      |
| DETB_JRNL_LOG                | IX01_DETB_JRNL_LOG             | LIST              | BRANCH_CODE      |
| DETB_PCTRN                   | PK01_DETB_PCTRN                | LIST              | BRANCH           |
| DETB_RTL_TELLER              | IND01_DETB_RTL_TELLER          | HASH              | XREF             |
| DETB_RTL_TELLER              | UI01_DETB_RTL_TELLER           | HASH              | TRN_REF_NO       |
| ELTB_UTIL_TXN_LOG            | IX01_ELTB_UTIL_TXN_LOG         | HASH              | MASTER_TXN_ID    |
| ELTB_UTIL_TXN_LOG            | IX02_ELTB_UTIL_TXN_LOG         | HASH              | MASTER_TXN_ID    |

| TABLE_NAME            | INDEX_NAME                         | PARTITIONIN<br>G_TYPE | PARTITION<br>COLUMN |
|-----------------------|------------------------------------|-----------------------|---------------------|
| FBTB_TXNLOG_DETAILS   | IX01_FBTB_TXNLOG_DETAILS           | HASH                  | XREFID              |
| FBTB_TXNLOG_DETAILS   | PK_FBTB_TXNLOG_DETAILS             | HASH                  | SEQUENCE_N<br>O     |
| FBTB_TXNLOG_MASTER    | IDX_FBTB_TXNLOG_MASTER             | HASH                  | XREFID              |
| FCT_FACILITY          | BI_FCT_CUST_FACILITY_KY_I<br>X     | RANGE                 | MIS_DATE            |
| FCT_FACILITY          | BI_FCT_CY_FACILITY_KY_IX           | RANGE                 | MIS_DATE            |
| FCT_FACILITY          | BI_FCT_DT_FACILITY_KY_IX           | RANGE                 | MIS_DATE            |
| FCT_FACILITY          | BI_FCT_FAC_FACILITY_KY_IX          | RANGE                 | MIS_DATE            |
| FCT_FACILITY          | BI_FCT_LB_FACILITY_KY_IX           | RANGE                 | MIS_DATE            |
| FCT_FACILITY          | FCT_FACILITY_KEY_IDX               | RANGE                 | MIS_DATE            |
| FCT_FAC_EXP_MAP       | BI_FCT_DT_FAC_EXP_MAP_K<br>Y_IX    | RANGE                 | MIS_DATE            |
| FCT_FAC_EXP_MAP       | BI_FCT_EXP_FAC_EXP_MAP_<br>KY_IX   | RANGE                 | MIS_DATE            |
| FCT_FAC_EXP_MAP       | BI_FCT_FAC_EXP_FAC_EXP_<br>KY_IX   | RANGE                 | MIS_DATE            |
| FCT_FAC_EXP_MAP       | BI_FCT_FAC_FAC_EXP_MAP_<br>KY_IX   | RANGE                 | MIS_DATE            |
| FCT_FAC_EXP_MAP       | FCT_FAC_EXP_MAP_KEY_IDX            | RANGE                 | MIS_DATE            |
| FCT_TRACK_EXPOSURE    | BI_FCT_TRACK_EXPOSURE_<br>CY_KY_IX | RANGE                 | MIS_DATE            |
| FCT_TRACK_EXPOSURE    | BI_FCT_TRACK_EXPOSURE_<br>DT_KY_IX | RANGE                 | MIS_DATE            |
| FCT_TRACK_EXPOSURE    | BI_FCT_TRACK_EXPOSURE_<br>EX_KY_IX | RANGE                 | MIS_DATE            |
| FCT_TRACK_EXPOSURE    | FCT_TRACK_EXPOSURE_KEY<br>_IDX     | RANGE                 | MIS_DATE            |
| FCT_UTILS_EXP         | BI_FCT_BR_UTILS_EXP_KY_I<br>X      | RANGE                 | MIS_DATE            |
| FCT_UTILS_EXP         | BI_FCT_CUST_UTILS_EXP_KY<br>_IX    | RANGE                 | MIS_DATE            |
| FCT_UTILS_EXP         | BI_FCT_CY_UTILS_EXP_KY_I<br>X      | RANGE                 | MIS_DATE            |
| FCT_UTILS_EXP         | BI_FCT_DT_UTILS_EXP_KY_I<br>X      | RANGE                 | MIS_DATE            |
| FCT_UTILS_EXP         | BI_FCT_EXP_UTILS_EXP_KY_<br>IX     | RANGE                 | MIS_DATE            |
| FCT_UTILS_EXP         | BI_FCT_LB_UTILS_EXP_KY_IX          | RANGE                 | MIS_DATE            |
| FCT_UTILS_EXP         | BI_FCT_MAIN_LB_UTILS_EXP<br>_KY_IX | RANGE                 | MIS_DATE            |
| FCT_UTILS_EXP         | BI_FCT_UTIL_UTILS_EXP_KY_<br>IX    | RANGE                 | MIS_DATE            |
| FCT_UTILS_EXP         | FCT_UTILS_EXP_KEY_IDX              | RANGE                 | MIS_DATE            |
| FTTB_ACTIVITY_JOURNAL | PK01_FTTB_ACTIVITY_JOURN<br>AL     | HASH                  | CONTRACT_R<br>EF_NO |
| FTTB_CONTRACT_MASTER  | IDX01_FTTB_CONTRACT_MAS<br>TER     | HASH                  | CONTRACT_R<br>EF_NO |

| TABLE_NAME                     | INDEX_NAME                         | PARTITIONIN<br>G_TYPE | PARTITION<br>COLUMN                        |
|--------------------------------|------------------------------------|-----------------------|--|
| FTTB_CONTRACT_M<br>ASTER       | PK01_FTTB_CONTRACT_MAS<br>TER      | HASH                  | CONTRACT_R<br>EF_NO                        |
| FTTB_CUSTTFR_CO<br>NTRACT_DTLS | IDX01_FTTB_CUSTTFR_CON_<br>DTLS    | HASH                  | CONTRACT_R<br>EF_NUMBER                    |
| FTTB_STOP_PMNT                 | PK01_FTTB_STOP_PMNT                | HASH                  | CONTRACT_R<br>EF_NO                        |
| GETB_UTILS                     | UK01_GETB_UTILS                    | HASH                  | USER_REFNO                                 |
| GETB_UTILS_LOG                 | PK01_GETB_UTILS_LOG                | HASH                  | SERIAL_NO                                  |
| GETB_VD_UTILS                  | PK01_GETB_VD_UTILS                 | HASH                  | FACILITY_ID                                |
| GETM_LIAB                      | PK01_GETM_LIAB                     | HASH                  | ID   |
| GETM_LIAB                      | UI01_GETM_LIAB                     | HASH                  | LIAB_NO                                    |
| GETM_LIAB_CUST                 | PK01_GETM_LIAB_CUST                | HASH                  | ID   |
| GETM_LIAB_CUST                 | UI01_GETM_LIAB_CUST                | HASH                  | CUSTOMER_N<br>O                            |
| GLTB_CUST_ACCBR<br>EAKUP       | PK01_GLTB_CUST_ACCBREA<br>KUP      | LIST                  | BRANCH_COD<br>E                            |
| GLTB_GL_BAL                    | PK01_GLTB_GL_BAL                   | LIST                  | BRANCH_COD<br>E                            |
| GWTB_DEDUPE                    | DUP_UNQ                            | HASH                  | EXT_SYSTEM,<br>MSG_ID_COMP<br>L,MSG_ID_SRC |
| GWTB_DEDUPE                    | MSG_REF_PK                         | HASH                  | MSG_REF_NO                                 |
| GWTB_MSG_IN_LOG                | PK01_GWTB_MSG_IN_LOG               | HASH                  | MSG_REF_NO                                 |
| GWTB_MSG_OUT_L<br>OG           | PK01_GWTB_MSG_OUT_LOG              | HASH                  | MSG_REF_NO                                 |
| ICTB_ACC_PR                    | IX01_ICTB_ACC_PR                   | RANGE                 | BRN,PROCESS                                |
| ICTB_ACC_PR                    | IX02_ICTB_ACC_PR                   | HASH                  | ACC  |
| ICTB_ACC_PR                    | PK01_ICTB_ACC_PR                   | RANGE                 | BRN,PROCESS                                |
| ICTB_ACC_PR_HIST<br>ORY        | PK01_ICTB_ACC_PR_HIST              | LIST                  | BRN  |
| ICTB_ADJ_INTERES<br>T          | PK01_ICTB_ADJ_INTEREST             | LIST                  | BRN  |
| ICTB_ADJ_INTERES<br>T_HISTORY  | PK01_ICTB_ADJ_INTEREST_H<br>ISTORY | HASH                  | ACC  |
| ICTB_BOOK_ERR                  | IX01_ICTB_BOOK_ERR                 | LIST                  | BRN  |
| ICTB_BOOK_ERR                  | PK_ICTB_BOOK_ERR                   | HASH                  | ID   |
| ICTB_CHG_VAL                   | X1_ICTB_CHG_VAL                    | LIST                  | BRN  |
| ICTB_DR_INT_DUE                | PK01_ICTB_DR_INT_DUE               | HASH                  | ACC  |
| ICTB_ENTRIES                   | IX01_ICTB_ENTRIES                  | RANGE                 | BRN,PROCESS                                |
| ICTB_ENTRIES                   | PK01_ICTB_ENTRIES                  | RANGE                 | BRN,PROCESS                                |
| ICTB_ENTRIES_HIST<br>ORY       | PK01_ICTB_ENTRIES_HISTOR<br>Y      | RANGE                 | BRN,PROCESS                                |
| ICTB_IS_VALS                   | PK01_ICTB_IS_VALS                  | LIST                  | BRN  |
| ICTB_ITM_TOV                   | IDX_TOV                            | HASH                  | ACC  |
| ICTB_PROBLEM_LO<br>G           | IX01_IC_PROB_LOG                   | LIST                  | BRN  |
| ICTB_PROBLEM_LO<br>G           | PK_ICTB_PROBLEM_LOG                | HASH                  | ID   |

| TABLE_NAME               | INDEX_NAME                 | PARTITIONIN<br>G_TYPE | PARTITION<br>COLUMN |
|--------------------------|----------------------------|-----------------------|---------------------|
| ICTB_UDEVALS             | PK01_ICTB_UDEVALS          | HASH                  | COND_KEY            |
| ICTB_UDEVAL_ROW          | PK01_ICTB_UDEVAL_ROW       | HASH                  | COND_KEY            |
| ICTM_ACC                 | PK01_ICTM_ACC              | LIST                  | BRN                 |
| ICTM_ACC_PR              | PK01_ICTM_ACC_PR           | HASH                  | ACC                 |
| ICTM_CHILDTD_DETAILS     | PK01_ICTM_CHILDTD_DETAILS  | LIST                  | BRN                 |
| ICTW_ACC_PR              | IX01_ICTW_ACC_PR           | HASH                  | ACC                 |
| ICTW_ACC_PR              | IX02_ICTW_ACC_PR           | LIST                  | BRN                 |
| ICTW_BACK_IS_VALS        | IND_ICTW_BACK_IS_VALS      | LIST                  | BRN                 |
| ICTW_MAKE_ROW            | PK01_ICTW_MAKE_ROW         | HASH                  | COND_KEY            |
| ISTB_CONTRACTIS          | PK01_ISTB_CONTRACTIS       | HASH                  | CONTRACT_REF_NO     |
| ISTB_CONTRACTIS_SWIFT    | PK_ISTB_CONTRACTIS_SWIFT   | HASH                  | CONTRACT_REF_NO     |
| ISTB_CONTRACT_DETAILS    | PK01_ISTB_CONTRACT_DETAILS | HASH                  | CONTRACT_REF_NO     |
| ISTB_MSGHO               | IND_ISTB_MSGHO             | HASH                  | CONTRACT_REF_NO     |
| ISTB_MSGHO               | PK01_ISTB_MSGHO            | HASH                  | CONTRACT_REF_NO     |
| ISTM_INSTR               | PK01_ISTM_INSTR            | LIST                  | BRANCH              |
| MITB_CLASS_MAPPING       | PK01_MITB_CLASS_MAPPING    | HASH                  | UNIT_REF_NO         |
| MITM_CUSTOMER_DEFAULT    | PK01_MITM_CUSTOMER_DEFAULT | HASH                  | CUSTOMER            |
| MITM_DEFAULT_CODES       | PK_MITM_DEFAULT_CODES      | HASH                  | KEY_ID              |
| MSTB_ARCHIVE_OUT         | IND_MSTB_ARCHIVE_OUT       | HASH                  | REFERENCE_NO        |
| MSTB_CONTRACT_CHG_ADVICE | IND_MSTB_CONTRACT_CHG_ADV  | HASH                  | CONTRACT_REF_NO     |
| MSTB_CONTRACT_CHG_ADVICE | PK01_MSTB_CONTRACT_CHG_ADV | HASH                  | CONTRACT_REF_NO     |
| MSTB_DLY_MSG_OUT         | IX01_MSTB_DLY_MSG_OUT      | LIST                  | BRANCH              |
| MSTB_DLY_MSG_OUT         | IX02_MSTB_DLY_MSG_OUT      | HASH                  | REFERENCE_NO        |
| MSTB_DLY_MSG_OUT         | PK01_MSTB_DLY_MSG_OUT      | HASH                  | DCN                 |
| MSTB_DLY_MSG_OUT         | X9_MSTB_DLY_MSG_OUT        | LIST                  | BRANCH              |
| MSTB_EXT_MSG_OUT         | PK01_MSTB_EXT_MSG_OUT      | HASH                  | DCN                 |
| MSTB_MSG_PDE_LOG         | IND_MSTB_MSG_PDE_LOG       | HASH                  | HASH_VALUE          |
| MSTB_MSG_PDE_LOG         | PK01_MSTB_MSG_PDE_LOG      | HASH                  | DCN                 |
| MSTB_MSG_STAT            | IND_MSTB_MSG_STAT          | HASH                  | REFERENCE_NO        |

| TABLE_NAME                       | INDEX_NAME                         | PARTITIONIN<br>G_TYPE | PARTITION<br>COLUMN    |
|----------------------------------|------------------------------------|-----------------------|------------------------|
| MSTB_MSG_STAT                    | PK_MSTB_MSG_STAT                   | HASH                  | REFERENCE_N<br>O       |
| MSTM_CUST_ADDR<br>ESS            | PK01_MSTM_CUST_ADDRESS             | HASH                  | CUSTOMER_N<br>O        |
| PCTB_CONTRACT_M<br>ASTER         | IX03_PCTB_CONTRACT_MAS<br>TER      | LIST                  | BRANCH_COD<br>E        |
| PCTB_CONTRACT_M<br>ASTER         | PK01_PCTB_CONTRACT_MAS<br>TER      | HASH                  | CONTRACT_R<br>EF_NO    |
| SITB_CONTRACT_M<br>ASTER         | IND_SITB_CONTRACT_MASTE<br>R       | HASH                  | USER_REF_NU<br>MBER    |
| SITB_CYCLE_DETAI<br>L            | IX01_SITB_CYCLE_DETAIL             | HASH                  | CONTRACT_R<br>EF_NO    |
| SITB_CYCLE_DETAI<br>L            | PK01_SITB_CYCLE_DETAIL             | HASH                  | CONTRACT_R<br>EF_NO    |
| SITB_CYCLE_DUE_E<br>XEC          | PK01_SITB_CYCLE_DUE_EXE<br>C       | HASH                  | CONTRACT_R<br>EF_NO    |
| SITB_DLY_MSG_OU<br>T             | PK01_SITB_DLY_MSG_OUT              | HASH                  | INSTRUCTION_<br>NO     |
| SITB_INSTRUCTION                 | IND_SITB_INSTRUCTION               | HASH                  | USER_INST_N<br>O       |
| SITB_INSTRUCTION                 | IX01_SITB_INSTRUCTION              | LIST                  | BRANCH                 |
| SITB_INSTRUCTION                 | PK01_SITB_INSTRUCTION              | HASH                  | INSTRUCTION_<br>NO     |
| SMTB_SMS_ACTION<br>_LOG          | PK_SMTB_SMS_ACTION_LOG             | HASH                  | ACTION_SEQU<br>ENCE_NO |
| SMTB_SMS_LOG                     | PK01_SMTB_SMS_LOG                  | HASH                  | SEQUENCE_N<br>O        |
| SMTT_SMS_LOG                     | IND_SMTT_SMS_LOG                   | HASH                  | SEQUENCE_N<br>O        |
| STTB_ACCOUNT                     | IX01_STTB_ACCOUNT                  | LIST                  | BRANCH_COD<br>E        |
| STTB_ACCOUNT                     | IX02_STTB_ACCOUNT                  | HASH                  | ALT_AC_NO              |
| STTB_ACCOUNT                     | IX03_STTB_ACCOUNT                  | LIST                  | BRANCH_COD<br>E        |
| STTB_FIELD_LOG                   | PK01_STTB_FIELD_LOG                | HASH                  | KEY_ID                 |
| STTB_NOTIFICATION                | STTB_NOTIFICATION_P01              | HASH                  | PKEY_VALUES            |
| STTB_NOTIFICATION<br>_HISTORY    | STTB_NOTIFICATION_HISTOR<br>Y_P01  | HASH                  | PKEY_VALUES            |
| STTB_NOTIFICATION<br>_LOG        | STTB_NOTIFICATION_LOG_P0<br>1      | HASH                  | REFERENCE_N<br>O       |
| STTB_RECORD_MAS<br>TER           | IND1_STTB_RECORD_MASTE<br>R        | LIST                  | BRANCH_COD<br>E        |
| STTB_RECORD_MAS<br>TER           | IND_STTB_REC_MSTR                  | LIST                  | BRANCH_COD<br>E        |
| STTB_RECORD_MAS<br>TER           | PK_STTB_RECORD_MASTER              | HASH                  | KEY_ID                 |
| STTM_ACCOUNT_RE<br>PORT_GEN_TIME | PK_STTM_ACCOUNT_REPOR<br>T_GEN_TI  | HASH                  | CUST_AC_NO             |
| STTM_ACCSTAT_RE<br>PLINES_DETAIL | PK01_STTM_ACCSTAT_REPLI<br>NES_DET | LIST                  | BRANCH_COD<br>E        |

| TABLE_NAME                 | INDEX_NAME                     | PARTITIONING_TYPE | PARTITION COLUMN |
|----------------------------|--------------------------------|-------------------|------------------|
| STTM_CUSTAC_BAL_NOTIF      | PK01_STTM_CUSTAC_BAL_NOTIF     | LIST              | BRANCH_CODE      |
| STTM_CUSTOMER              | PK01_STTM_CUSTOMER             | HASH              | CUSTOMER_NO      |
| STTM_CUST_ACCOUNT          | IND1_STTM_CUST_ACCOUNT         | LIST              | BRANCH_CODE      |
| STTM_CUST_ACCOUNT          | IX03_STTM_CUST_ACCOUNT         | LIST              | BRANCH_CODE      |
| STTM_CUST_ACCOUNT          | IX04_STTM_CUST_ACCOUNT         | LIST              | BRANCH_CODE      |
| STTM_CUST_ACCOUNT          | PK01_STTM_CUST_ACCOUNT         | HASH              | CUST_AC_NO       |
| STTM_CUST_ACCOUNT          | UI01_STTM_CUST_ACCOUNT         | LIST              | BRANCH_CODE      |
| STTM_CUST_ACCOUNT_DORMANCY | IX01_STTM_CUST_ACCOUNT_DORMANC | HASH              | CUST_AC_NO       |
| STTM_CUST_DOMESTIC         | PK01_STTM_CUST_DOMESTIC        | HASH              | CUSTOMER_NO      |
| STTM_CUST_PERSONAL         | PK01_STTM_CUST_PERSONAL        | HASH              | CUSTOMER_NO      |
| SVTB_ACCOUNT_HANDOFF       | PK01_SVTB_ACCOUNT_HANDOFF      | HASH              | CONTRACT_REF_NO  |
| SWTB_TXN_HIST              | PK01_SWTB_TXN_HIST             | HASH              | XREF             |
| SWTB_TXN_LOG               | PK01_SWTB_TXN_LOG              | HASH              | XREF             |
| SWTB_TXN_LOG               | P_KEY_INDEX                    | HASH              | P_KEY            |
| SWTB_TXN_LOG_HASH          | INDX1_SWTB_TXN_LOG_HASH        | RANGE             | PURGE_DATE       |
| SWTB_TXN_LOG_HISTORY_PAR   | PK01_SWTB_TXN_LOG_HPAR         | LIST              | SEQ_NO           |
| SWTB_TXN_LOG_HIST_HASH     | P_KEY_SWTB_TXN_LOG_HIST_HASH   | HASH              | XREF             |
| SWTB_TXN_LOG_HIST_LIST     | P_KEY_INDEX_HIST_LIST          | LIST              | PROCESS_SEQ_NO   |
| SWTB_TXN_LOG_LIST          | P_KEY_INDEX_LIST               | LIST              | PROCESS_SEQ_NO   |
| SWTB_TXN_LOG_PAR           | PK01_SWTB_TXN_LOG_PAR          | LIST              | SEQ_NO           |
| SWTB_TXN_TIME              | PK01_SWTB_TXN_TIME             | HASH              | XREF             |
| TATB_TXNRULE               | PK01_TATB_TXNRULE              | HASH              | CONTRACT_REF_NO  |

Following points are to be noted during partitioning:

- Keep the number of partitions same as number of branches for list partitions.
- Exact name of some indexes might be different.
- 'Actb\_daily\_log and actb\_history tables' primary key index has to be recreated as reverse key index without partition as follows:

```
Alter table ACTB_DAILY_LOG drop primary key;
```

```
Drop index PK01_ACTB_DAILY_LOG;
```

```
Create unique index PK01_ACTB_DAILY_LOG on ACTB_DAILY_LOG  
(AC_ENTRY_SR_NO) reverse;
```

```
Alter table ACTB_DAILY_LOG add constraint PK01_ ACTB_DAILY_LOG  
primary key (AC_ENTRY_SR_NO) using index PK01_ACTB_DAILY_LOG;
```

- Similarly recreate actb\_history primary key as reverse index.

---

## 2. Sequence Caching

Sequence Caching is applicable only if Oracle FLEXCUBE is deployed in RAC database.

Heavy use of sequences in RAC database causes high DFS lock handle & row cache lock waits which affect the application scalability. In order to overcome this issue, the sequences are to be cached with no order option.

Please refer FCUBS-Sequence-Cache.xlsx for recommended sequence cache values.



---

### 3. Script to Capture and Lock Statistics for Volatile Tables in FLEXCUBE Schema

As mentioned in section on FLEXCUBE specific Statistic collection, statistics on the volatile tables are critical for performance and the statistics would have to be collected when these volatile tables have data. We recommend the below tables statistics to be locked after gathering statistics during peak volume.

1. ACTB\_DAILY\_LOG
2. ACTB\_ACSERVICE\_HANDOFF
3. ACTB\_ENTRIES\_HANDOFF

The approach to be followed is as follows:

- Identify the time period where these specific tables have maximum data. E.g. ACTB\_DAILY\_LOG is an accounting table that is volatile. This table is bound to have maximum data (Peak Day of Business/ Month End Day).
- Unlock and Collect Statistics for this specific table on the day of Maximum Volume.
- Lock the statistics

**Note:** Different FLEXCUBE tables might have different days of peak volume and hence the statistics should be collected at different days matching the peak volume for the respective table.

The statistics would have to be monthly refreshed so that the boundary values are refreshed. Lower bound and upper bound values are stored in the data dictionary and out dated boundary values might skew the cost of the SQL.

Use the attached script to capture statistics. The script would have to be run connecting as FLEXCUBE schema. The following example uses ACTB\_DAILY\_LOG as the volatile table. The same script can be used for other tables as well.

```
Spool FCUBS_Vol_Table_Stats.txt

SELECT NUM_ROWS, BLOCKS, SAMPLE_SIZE, TO_CHAR(LAST_ANALYZED, 'DD-
MON-YYYY HH24:MI:SS')

from USER_TAB_STATISTICS

WHERE TABLE_NAME='ACTB_DAILY_LOG';

exec dbms_stats.unlock_table_stats(USER, 'ACTB_DAILY_LOG');

exec
dbms_stats.gather_table_stats(OWNNAME=>USER, tabname=>'ACTB_DAILY_
LOG', METHOD_OPT=>'FOR ALL COLUMNS SIZE 1', CASCADE=>true,
DEGREE=>4);

exec dbms_stats.lock_table_stats(USER, 'ACTB_DAILY_LOG');

SELECT NUM_ROWS, BLOCKS, SAMPLE_SIZE, TO_CHAR(LAST_ANALYZED, 'DD-
MON-YYYY HH24:MI:SS')
```

```
from USER_TAB_STATISTICS  
WHERE TABLE_NAME='ACTB_DAILY_LOG';  
  
Spool off
```

---

## 4. FLEXCUBE Periodic Table Maintenance

Find below the list of tables and the corresponding action that needs to be planned in a periodical basis so that no performance degradation is observed over a period of time. These activities need to be planned ahead since this would require downtime. Also ensure proper backups are taken prior to any table maintenance activity.

Details of the various Actions are as below:

**Truncate Table:** Take the backup of the current table data and truncate the table.

**Compress Table:** Data of this table is required, hence compress table and index data.

**Recreate Table:** These tables and it corresponding indexes needs to be rebuild.

| <b>Table Name</b>        | <b>Action</b>  |
|--------------------------|----------------|
| ACTB_ACCBAL_HISTORY      | Compress Table |
| ACTB_DAILY_LOG           | Recreate table |
| ACTB_HISTORY             | Compress Table |
| CSTB_MSG_LOG             | Truncate Table |
| DETB_RTL_TELLER          | Recreate table |
| FBTB_TXNLOG_DETAILS_HIST | Truncate Table |
| ICTB_ENTRIES_HISTORY     | Compress Table |
| ICTB_ICALC_STMT          | Recreate table |
| MITB_CLASS_MAPPING       | Compress Table |
| SMTB_IMAGE_UPLOAD        | Truncate Table |
| SMTB_SMS_ACTION_LOG_HIST | Truncate Table |
| STTB_FIELD_LOG           | Recreate table |
| STTB_FIELD_LOG_HIST      | Truncate Table |
| STTB_RECORD_LOG          | Recreate table |
| STTM_CUST_IMAGE          | Compress Table |
| SVTM_CIF_SIG_DET         | Compress Table |
| SVTM_UPLOAD_CIF_SIG_DET  | Truncate Table |
| SWTB_TXN_HIST            | Recreate table |

*Note:* For Maintenance Activity related to Truncate and Recreate table, the impact to be analyzed at site level before implementing the action. Also for any purging related solutions required, please refer the document FS\_FCUBS\_12.0.2\_CO\_Purging.docx.

## 5. FLEXCUBE Functionality Related Performance Changes

The following parameters are discussed on functionality related performance changes:

| Parameter                  | Recommended Value | How to find  |
|----------------------------|-------------------|--|
| Real debug parameter       | N                 | select param_val from cstb_param where param_name='REAL_DEBUG'   |
| ONLINE GL Update           | N                 | select ONLINE_GL_UPDATE from STTM_BANK                           |
| VD Balance update          | OFFLINE           | select param_val from cstb_param where param_name='VDBAL_UPDATE' |
| CL - Netting - Accrual     | Y                 | select GL_NETTING_ACCR from CLTM_BRANCH_PARAMETERS               |
| CL - Netting - Liquidation | Y                 | select GL_NETTING_LIQD from CLTM_BRANCH_PARAMETERS               |
| CL - Netting - STCH        | Y                 | select GL_NETTING_STCH from CLTM_BRANCH_PARAMETERS               |

Following script would have to be executed in the FLEXCUBE schema if there are any rows:

```
declare

cursor cur_tables is

select distinct table_name

from

(

select table_name from user_tab_columns where histogram!='NONE'

);

begin

for rec_tables in cur_tables

loop

dbms_stats.gather_table_stats(ownname=>USER,tabname=>rec_tables.t
able_name,METHOD_OPT=>'FOR ALL COLUMNS SIZE
1',CASCADE=>TRUE,DEGREE=>2,ESTIMATE_PERCENT=>NULL);

end loop;

end;
```



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