

## R4.3 Oracle TDR Patch 4.3.0.2 Upgrade Instructions

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### Files contained in this patch:

File	Rationale
R4.3_Oracle_TDR_patch_4.3.0.2_Upgrade_Instructions.pdf	this file
alter_txn.ddl	Change the column order of the Primary Key Constraint and Primary Key index to be CMX_TRAN_ID,RQO_PROC_UTC_DATETIME.

### Preinstall instructions:

- Confirm the order of the columns has not been changed in a Friendly fix from SAS

```
select TABLE_NAME,INDEX_NAME
from dba_ind_columns
where index_owner= ?
and index_name like 'PKX%'
and index_name not like '%VXX'
and column_position=1
and column_name <> 'CMX_TRAN_ID'
and table_name like 'FCM%';
```

If any rows are returned, the Hotfix should be applied.

- Backup the TDR database.

### Post Install instructions:

- Review all log files for errors

### Steps to Install the patch:

- Extract the tar/gunzip the file tdr\_oracle\_upgrade\_4.3.0.2.tar.gz
- cd to the patches directory

```
cd sasfmc/oracle/tdr/patches/patch_4.3.0.2
```

- Run:

```
export ORACLE_SID=<oracle_sid>
sqlplus -S <username>/<password> <<EOF
alter session set current_Schema=<schema_owner>;
spool 43m0hf2.log;
@alter_txn.ddl
spool off;
commit;
exit;
EOF
*** Check Log file (43m0hf2.log) for errors ****
```