**TN DB PATCHING INSTRUCTIONS**

**Pre-patch Validation Steps**:

1. Access Requirements:

* None as we assume DBA is running validation and has all requisite table accesses.
* TN Production database url is vacp0mmdb02tne.maxcorp.maximus; port 1521

1. Check if all jobs have completed processing – run the following query to check.

**SELECT \* FROM MAXDAT.CORP\_ETL\_JOB\_STATISTICS WHERE JOB\_STATUS\_CD = 'STARTED' AND (CURRENT\_DATE - JOB\_START\_DATE) < 1 ORDER BY JOB\_ID DESC;**

If the query returns no rows, then no jobs are running and we can proceed.

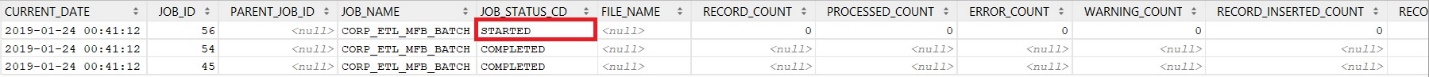
1. Work with the app admin to make sure all crons are turned off. The app admins are provided a pre-patching document with detailed steps on what to check/verify before turning the crons off.

**Post-patch validation Steps:**

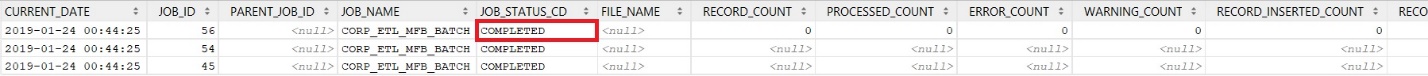
1. Work with app admin to ensure crons are turned back on after patching is completed.
2. After confirmation of crons being turned back on - Verify if the scheduled TN CORP\_ETL\_MFB\_BATCH (that runs at the **1st min** of the hour) is **running** and **completing** successfully as expected.

**SELECT** *CURRENT\_DATE*, **a**.*\** **FROM** MAXDAT.CORP\_ETL\_JOB\_STATISTICS **a WHERE JOB\_NAME** = **' CORP\_ETL\_MFB\_BATCH'  
ORDER BY JOB\_ID DESC**;

JOB\_STATUS\_CD should == **STARTED** when the job is **running**.



After the job successfully completes, JOB\_STATUS\_CD == **COMPLETED**



If CORP\_ETL\_MFB\_BATCH entries aren’t being created every 60 minutes, then the cron jobs are not turned on and app admin needs to be notified.



If CORP\_ETL\_MFB\_BATCH fails with entries of JOB\_STATUS\_CD = **ERROR** (jobs have completed but not successfully) – this needs to be looked into for any database errors.

1. Please reach out to App Admin to check TN Production logs for errors.

**Check For Any Stuck Queue Rows:**

1. The following query should not result in any rows:

**select BSL\_ID**, *count*(*\**)  
**from** MAXDAT.BPM\_UPDATE\_EVENT\_QUEUE  
**group by BSL\_ID  
order by BSL\_ID asc**;

1. If the above query results in rows, please execute the following stored procedure:

**execute** MAXDAT\_ADMIN.STARTUP\_JOBS;