

Welcome **Kevin O'Connor**

## Answer Details

### LVI378A DBRDR DBSND Idle

*Answer ID 44868*

#### Applicable Products

MIMIX DR 8.0, 7.1  
MIMIX Enterprise 8.0, 7.1  
MIMIX Global 8.0, 7.1  
MIMIX Professional 8.0, 7.1

#### Description

##### Symptoms:

After a purge was done for a very large file the DB Reader job seems to go idle. Restarting the job allows it to continue for awhile, but it goes idle again after a few minutes.

##### Environment:

##### Actions Taken:

DBRDR joblog:

LVI378A Message . . . : Database send for data group <dgdfn> idled. Log space was full.  
Cause . . . : Database send process for data group <dgdfn> <sys1> <sys2> was idled because the log space capacity was reached for the database apply process. Journal entries are not processed while the send process is idle. As the database apply process makes more log spaces available, the send process will resume normal operations.

sdn\_DBRDR job callstack shows: waitForAvailableSpace

#### Answer

The DB Reader job now goes into an idle state if the sdn\_Jxnxxx user spaces fill up due to high amounts of journal activity.

This functionality was added to MIMIX in 7.1.12.00

Log space processing now checks the number of existing log spaces per database apply session and better handles when they approach or reach maximum capacity. The first time a log space capacity condition is met, a message (LVI378A - DBSND Idled - log space full) is sent to both the message and job logs. Such messages are not sent for subsequent occurrences. However the regular termination message when the process ends will include the total number of times the log space capacity condition was met. If maximum capacity is reached for data groups using remote journaling, the database reader (DBRDR) job idles until the database apply (DBAPY) job is able to catch up. Once DBAPY has worked through 11% of the logspace (sdn\_Jxnxxx) capacity the DBRDR job will then automatically resume processing. When maximum capacity is almost reached for non-remote journaling data groups, the DB send job idles while the DBAPY job automatically works through its backlog. The DB send job then resumes processing. (MXHA-10794). The DBRDR callstack, while the job is idle, will show waitForAvailableSpace.

##### Workaround:

##### Additional Information:

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