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## Index 'xxx01.Z00\_ID' ... is in unusable state

- **Product:** Aleph
  - **Product Version:** 20, 21, 22, 23
  - **Relevant for Installation Type:** Dedicated-Direct, Direct, Local, Total Care
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### Description:

You get the message: ORA-01502: index 'xxx01.Z00\_ID' or partition of such index is in unusable state. When you try to rebuild the z00\_id (with UTIL-A-17-3), you get the message: ORA-00001: unique constraint (xxxnn.Znn\_ID) violated.

### Resolution:

This problem can occur when duplicate doc records have been loaded with DOC\_SEQ (or DOC\_ONLY) specified. To delete these duplicates we did the following. Note that this deletes *both* of the records which contain the duplicate key. (You should consult Ex Libris Support before doing this. )

1. SQL> select z00\_doc\_number from z00 group by z00\_doc\_number having count(\*) > 1;
2. UTIL-F-12 to verify that the doc records shown in step 1 did not have links.
3. UTIL-A-17-4 to drop the z00\_id. (If you don't do this, the following delete will not work.)
4. SQL> delete from z00 where z00\_doc\_number > xxxxxxxxxx and z00\_doc\_number < yyyyyyyyyy;
5. commit;
6. then UTIL-A-17-2 for z00\_id to build the index.

Note: The above pertains to the z00\_id only. If you have a problem with Oracle indexes on ALEPH index tables (z01, z02, z95, etc.), then please consult the article "Cannot CREATE UNIQUE INDEX; duplicate keys found; using util a/17/18" (KB 8192-424) instead.

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