
OPAC performance problems after large MARC loads

- **Article Type:** General
 - **Product:** Aleph
 - **Product Version:** 20
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Problem Symptoms:

After large MARC record loads

1. system waits ("wa" in "top") increase to 35%
2. OPAC searches become extremely slow.

Direct links to records (such as are found on our video lists -- http://libweb.lib.abc.edu/exlibris/aleph/a21_2/tmp/list-dvd-film.htm) work very quickly. It's just searches in the OPAC that fail.

If the xxx01 ue_01 is stopped, the "waiting for IO" percentage goes down to 3-4% and everything works normally.

Cause:

Uncertain.

Resolution:

Wait until later in the day when activity is lower to restart ue_01. It should process the records by morning without any problem.

Additional Information

There were 7603 z07a records to be processed (by ue_01_z0102 and ue_01_word):

```
xxx01@ALEPH21> select count(*) from z07a;
**** Hit return to continue ****
```

```
COUNT(*)
```

```
-----
```

```
7603
```

io-waits were around 30%. After stopping/killing the ue_01 processes, the waits decrease to 5-10%.

The ue_01 is processing the records quite quickly.

It could be that these particular bib records are exhibiting this problem while others would not.

If not having ue_01 running during the day and the indexes for the records catalogers are entering in during the day not being updated is a concern, please consult KB 8192-2329 ("Indexes updated immediately; indexes updated by ue_01"). As noted there, the z11 Direct indexes are updated independently of ue_01, so catalogers *should* be able to find the records entered today by OCLC# and ISBN -- just not title.

Category: Background processing (500)

Subject: Ue (500)

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