
Analysis of OPAC response time

- **Article Type:** General
 - **Product:** Aleph
 - **Product Version:** 20, 21, 22, 23
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Description

Aleph OPAC response time is slow.

Resolution

Check the Oracle indexes for the Bib, ADM, and HOL libraries with the all_indexes SQL, as described in "[How to tell if Oracle indexes for a particular library are present & VALID](#)".

Check tab_base.log for severe truncation, as described in the article "[Logical base response very slow](#)".

See if searches on common words with many hits take longer than other searches. If so, see article "[Keyword searching on common words takes extremely long: multiple z97's](#)".

grep the OUT lines in the www_server_499n.log into a file grep.www.out (these include every time the OPAC user hits Enter):

```
>grep OUT www_server_4991.log > wwwOUTgrep
```

Then do greps of this wwwOUTgrep file to analyze the numbers of transaction responses in specific time ranges (seconds):

```
aleph@aio0001(a23_1):~/a23_1/log>grep -c 'OUT 0.' wwwOUTgrep
nnnnnn
aleph@aio0001(a23_1):~/a23_1/log>grep -c 'OUT 1.' wwwOUTgrep
nnnn
aleph@aio0001(a23_1):~/a23_1/log>grep -c 'OUT 2.' wwwOUTgrep
nnnn
aleph@aio0001(a23_1):~/a23_1/log>grep -c 'OUT 3.' wwwOUTgrep
nnn
```

If greps show that almost all of the times are ten seconds or less and you are seeing much longer response times, it could be a communication issue. Please consult the article "[ELAPSED-TIME" in pc_server logs and actual response time](#)" in this regard.

See also articles:

[Web OPAC and GUI Search keyword searches \(Find\), extremely slow / time out](#)

[Logical base response very slow](#)

[Keyword "Exact Title" searches time out and shut down the session](#)

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