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## Performance and circulation logger (Z309)

- **Article Type:** Q&A
  - **Product:** Aleph
  - **Product Version:** 20
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### Question

Circulation activities are slow for some of patrons. What can be the cause of this?

### Answer

Ex Libris has noticed that circulation activities (especially return) become slow in cases there are lot of Z309-records in the database. Z309 is storing the circulation log entries.

SP 20.2.3 (May 2011) includes rep\_change #3436 that improves performance when lot of Z309-records exist.

Even after installation of this fix we recommend to try to reduce the number of Z309-records as much as possible to improve performance:

- If not needed in your usual circulation workflow, you may deactivate logger creation for specific circulation activities. To do so, set col. 2 of tab\_circ\_log.<lng> to N for the specific activity.

- You should clean up old Z309-entries (e.g. all log-entries that are older than one year) regularly using service p\_cir\_78. Please note that also in p\_cir\_78 there were performance problems when huge number of z309-entries exist. This performance problem is corrected by rep\_change #3437 (SP 20.2.3 - May 2011). Please note that you should follow Implementation Notes of rep\_change #3437 to create z309\_id6 after installing this rep\_change as otherwise performance will not be improved.

**Category:** Circulation (500)

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