
Shutdown did not complete: the following processes are still running

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

Problem Symptoms:

When system is shut down, this message appears:

Shutdown did not complete: the following processes are still running

```
2626 ? S 0:00 /exlibris/aleph/a20_1/aleph/exe/lib_batch VIR01
3175 ? S 0:00 /exlibris/aleph/a20_1/aleph/exe/lib_batch ABC30
3454 ? S 0:00 /exlibris/aleph/a20_1/aleph/exe/lib_batch ABC50
```

If aleph_startup is run, followed by aleph_shutdown, the same messages appear.

Cause:

Running processes are preventing the shutdown from completing.

Resolution:

1. Do aleph_shutdown.
2. Kill the processes that are reported running.

Example: :

Shutdown did not complete: the following processes are still running

```
2626 ? S 0:00 /exlibris/aleph/a20_1/aleph/exe/lib_batch VIR01
3175 ? S 0:00 /exlibris/aleph/a20_1/aleph/exe/lib_batch ABC30
3454 ? S 0:00 /exlibris/aleph/a20_1/aleph/exe/lib_batch ABC50
```

kill those processes, that is:

```
> kill -9 2626 3175 3454
```

(This can be done as the aleph user)

3. Run aleph_startup, followed by aleph_shutdown.

Category: Background processing (500)

Subject: Batch (500)

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