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## Shutting down Aleph server for electrical work

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

What is the proper way to shut down an Aleph server in preparation for electrical work (or other work requiring that the server be down)?

### Resolution

Assuming an all-in-one server (rather than a TWO\_TIER setup), all of the following components need to be shut down: aleph, apache, ARC -- if the server is running ARC-- and oracle. They could be shut down individually, manually, using the \$alephe\_root/aleph\_shutdown, the \$alephe\_root/apache/bin/apachectl, and util o/1/2 -- for Oracle, with Oracle being shut down last.

In starting the server manually: oracle, aleph, apache, and ARC. Oracle needs to be first.

The /exlibris/startup/init.dat file *should* be set up to do all of the above automatically. In order for a particular stop/start line in init.dat to be active, it must have "Y" in the first column.

The command to execute the init.dat for shutting down the server is, as root:

```
/etc/init.d/exlibris stop
```

and, for starting it:

```
/etc/init.d/exlibris start
```

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