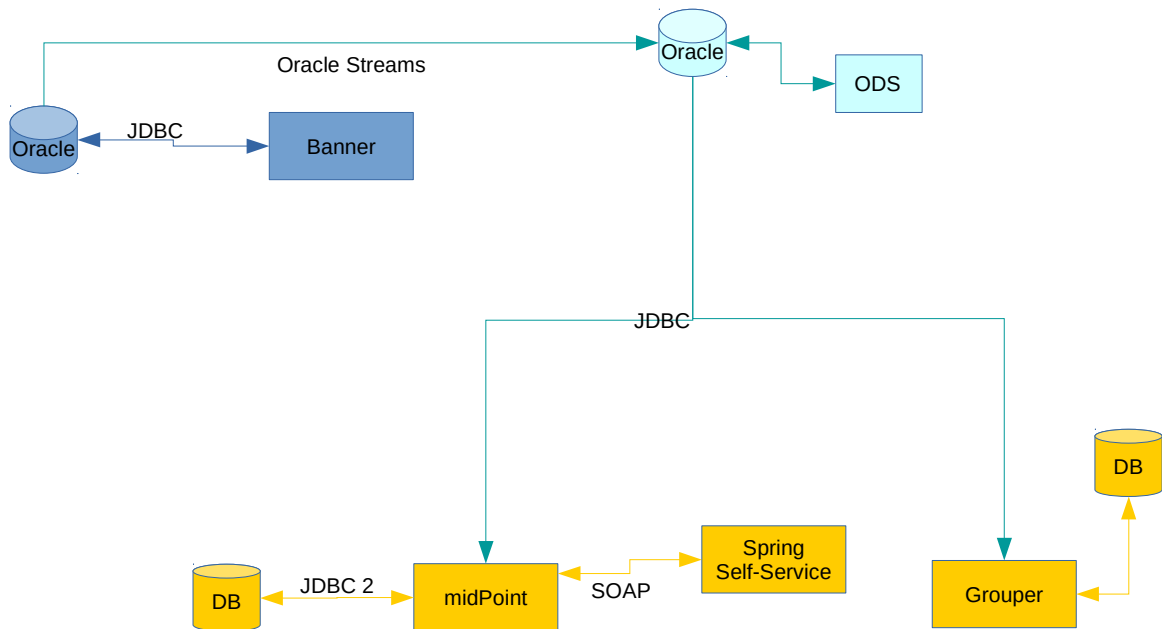


midPoint-ODS Functional Model



Ellucian offers a product called the Operational Data Store (ODS). The ODS is Banner's reporting solution. Cognos and other tools are used to generate reports from the ODS.

There are several mechanisms to update the ODS:

- Oracle streams provides a real time update from the Banner database. Oracle is dropping support for streams as of Oracle 12.2.
- Oracle will offer Golden Gate as a replacement for Streams, unfortunately, it is very expensive.
- ODS supports the use of materialized views which are updated periodically from the Banner database as an alternative to Golden Gate