



FIFE Meeting

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16th August 2024

Agenda

- **FIFE News**
- **Experiment Production/Operations Updates**
- **Open Discussion/AOB**

News

- **IFBeam DB Upgrade and Downtime**

- **The systems underlying the IFBeam database will be upgraded to AL9 starting Sept 3rd**
- **Due to a change in an underlying library, the PostgreSQL DB must be completely rebuilt**
- **Due to its size, this will take about 5 DAYS**
- **We will switch users over to the replica database for queries during that time**
- **No writes will be done to the replica**
- **The FNAL beam is down until mid-October so for most experiments that is fine. Proto-DUNE is the exception. (Their CERN beam line condition data will be kept locally in files and loaded after the database is back.)**

News

- **IFBeam DB Upgrade and Downtime**

- **Following is rough timeline - exact date/time is difficult due to long running tasks:**
 - **Starting date/time of Tuesday, September 3rd 8am: switch queries to stand-by server, ifbeamdbsrv2**
 - **Tuesday, 9/3 8am: shutdown primary databases in ifbeamdbsrv1 and run pgdump**
 - **Wednesday, 9/4: upgrade ifbeamdbsrv1 to Alma 9**
 - **Wednesday, 9/4 to 9/11: restore databases and run backups**
 - **9/11: switch application connections back to ifbeamdbsrv1 and verify databases in ifbeamdbsrv1**
 - **9/12 - 9/15: shutdown ifbeamdbsrv2, upgrade to Alma 9 and rebuild stand-by databases**

Note, this has been pushed back a week to start the week of September 9th, after which time ProtoDUNE will have completed its data-taking.

News

- **Update on CPU & Memory Monitoring Fix**
 - **CPU and Memory data will be available again once HTCondor releases 23.10.x version**
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Experiment Production/Operations Update

- **Open Discussion**

Open Discussion and AOB