SL7 Container Task Force Organizational Meeting

- SL7 reaches end-of-life on June 30, 2024

- Fermilab-supported computers will be required to run an upgraded version of the Linux OS well before then. The new candidate is Alma9 (Al9).

- In preparation for the changeover, experiments need to upgrade their code to run under the new OS whenever possible. gpvms running Al9 are available for testing.

- FIFE understands that in some cases, due to lack of personpower, upgrades are not possible.

- For this reason, there is a need for the ability to run some workflows in SL7. The solution is SL7 containers.

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- The idea is that SL7 workflows will run in SL7 containers.

- In certain cases, these SL7 containers themselves will need to run in Al9 containers.

- SL7 containers running on Fermilab hardware will be subject to Cybersecurity best-practices and oversight.

- For ease of maintenance and trouble-shooting by the FIFE team, there must be a level of standardization of these containers.

- Thus, this task force has been created to bring together experiments, security, and service providers to develop a plan for creating, storing, maintaining, modifying, and running the SL7 containers beyond the EOL of SL7.

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- Today I want to make a first pass at discussing and documenting:

  ▷ experimental needs/requirements (all experiments)

  ▷ security needs requirements (Jeny)

  ▷ service provider prospective (all SPs)