International Resource Integration

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Alliance Canada - Cedar

Problem: Uses slurm scheduler under the hood. Once job is submitted from jlab submit node, it launches slurm jobs with 24 cores each on cedar (historical reasons). The slurm logs are only present while the jobs are running. Our existing workflow was wired to bind the container to /localscratch on the end node on slurm and didn't have proper write permissions.

Solution: In the end, the solution was to switch the binding to _CONDOR_SCRATCH_DIR.

Unresolved issues

How do the condor array jobs get distributed among the glide-ins running on slurm?

a) Uniqueness of jobs
b) Memory and core requirements

Running tests with larger sample size in production to understand and optimize.