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Interesting Fact: PADI Dive Instructor



Best Success Story

- Ongoing project for data transfer of multiple ~40 Tb packets
- Installation and deployment of new A100 GPU nodes to aide
- Seen acceleration in research due to responsiveness
- Onboarded 3 new members and continue to grow this Data set

Critical Challenges

- Every challenge is different
- Multitude of research needs and none have the same solution
- Constant need for different types of transfer and storage capabilities
- Space management

Key Issues to be aware of

- Each lab/group/individual requesting solutions based off of previous experiences
- Your facilities may not be managed in the same way
- Have the ability for explain what you can provide and what you can't in a clear effective manner
- Be supportive and reach out to your network if you are unsure of the solution

Tools of the Trade

- Understand and be able to manage your file storage system: ex. ZFS
- Know your scheduler and how to use it: Slurm
- Be familiar with the types of applications the groups you work with are likely to use: Matlab, ICC, GCC etc.
- GPU acceleration