Shared Research Computing Model Maturity

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Agenda

• Research computing services often overlap with traditional IT services, but there are unique considerations.
• This panel session will focus on why research IT is different and present strategies in use today to deliver efficient and effective research IT support.
• Open discussion of future trends
Outcomes

• Learn about what services are in demand for research computing
• Learn about different models being used to deliver research computing services
• How to find and leverage champions
• Participate in an open discussion about research computing future trends
What Is Different?

- Scale
- Research Functional Requirements
  - Consultative rather than transactional support
  - High band, low latency, just in time
- Training
- Intertwining and interdependence of disciplines
- What else?
Trends and Hot Topics

- Research Facilitators
- On Prem HPC ROI vs. Cloud
- Dramatic improvement in optics
- Storage and Data Management
- Just at the start of very large data research
- New Technologies (GPU, Phi, OmniPath Architecture, NVMe, etc)
Anything Else?

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