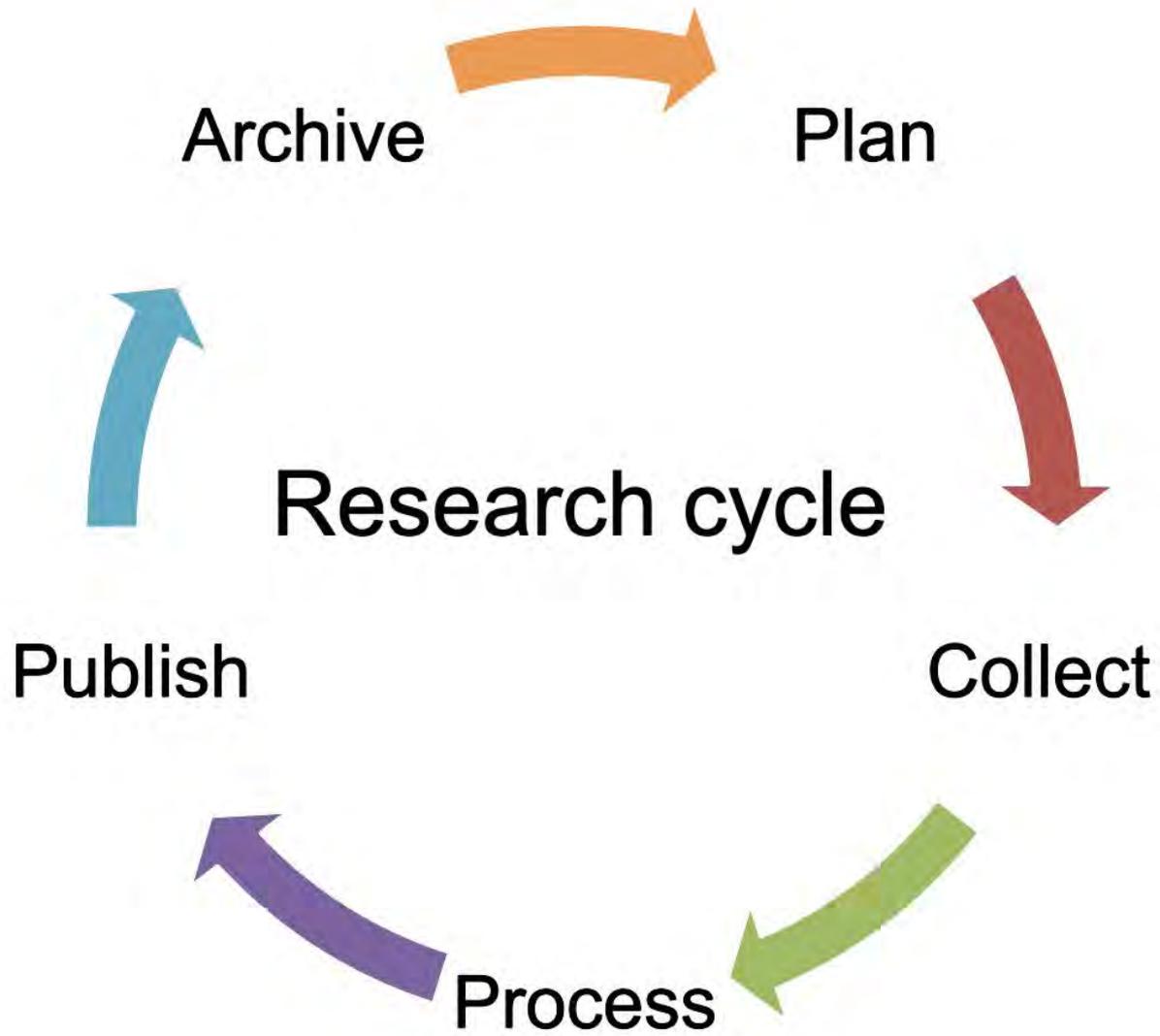
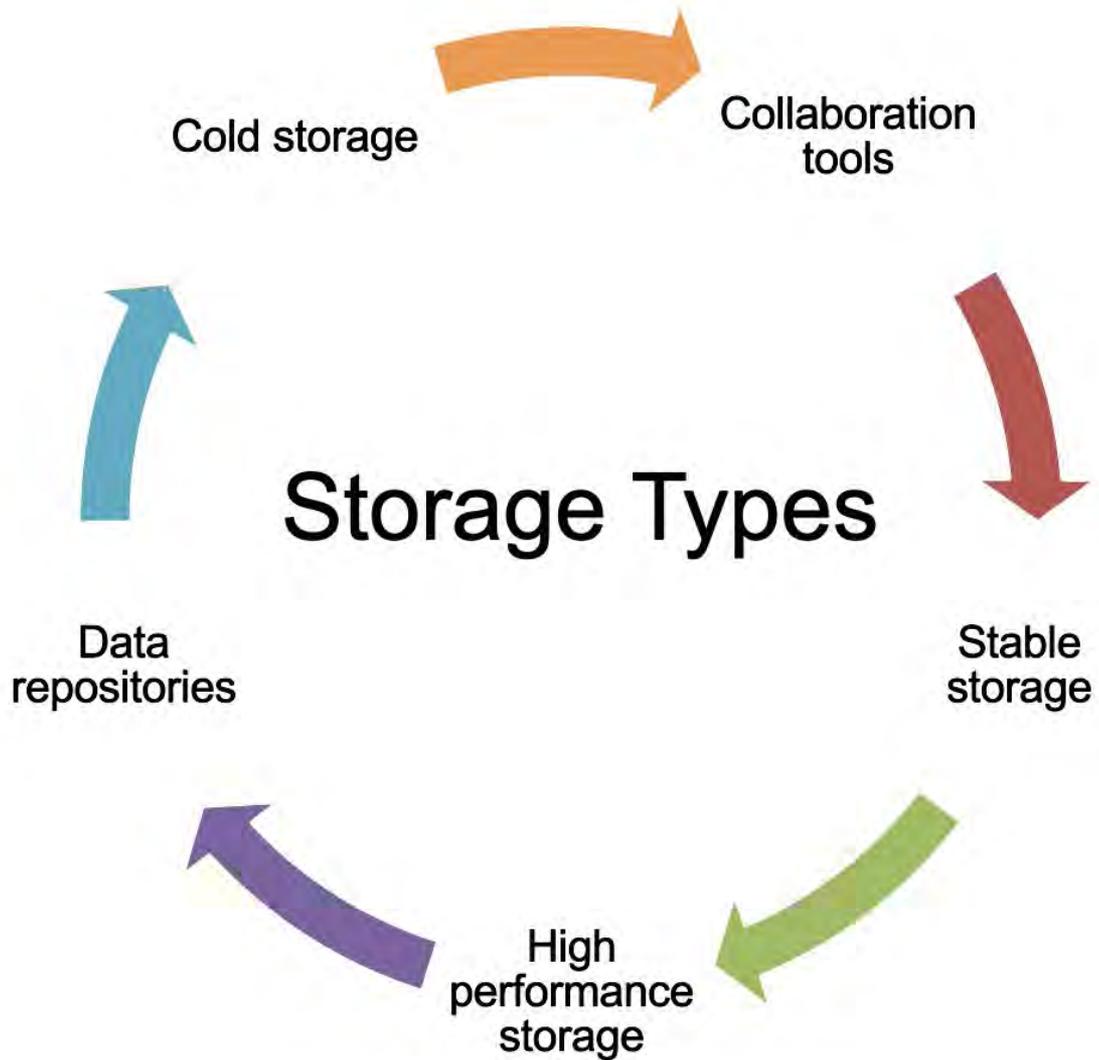


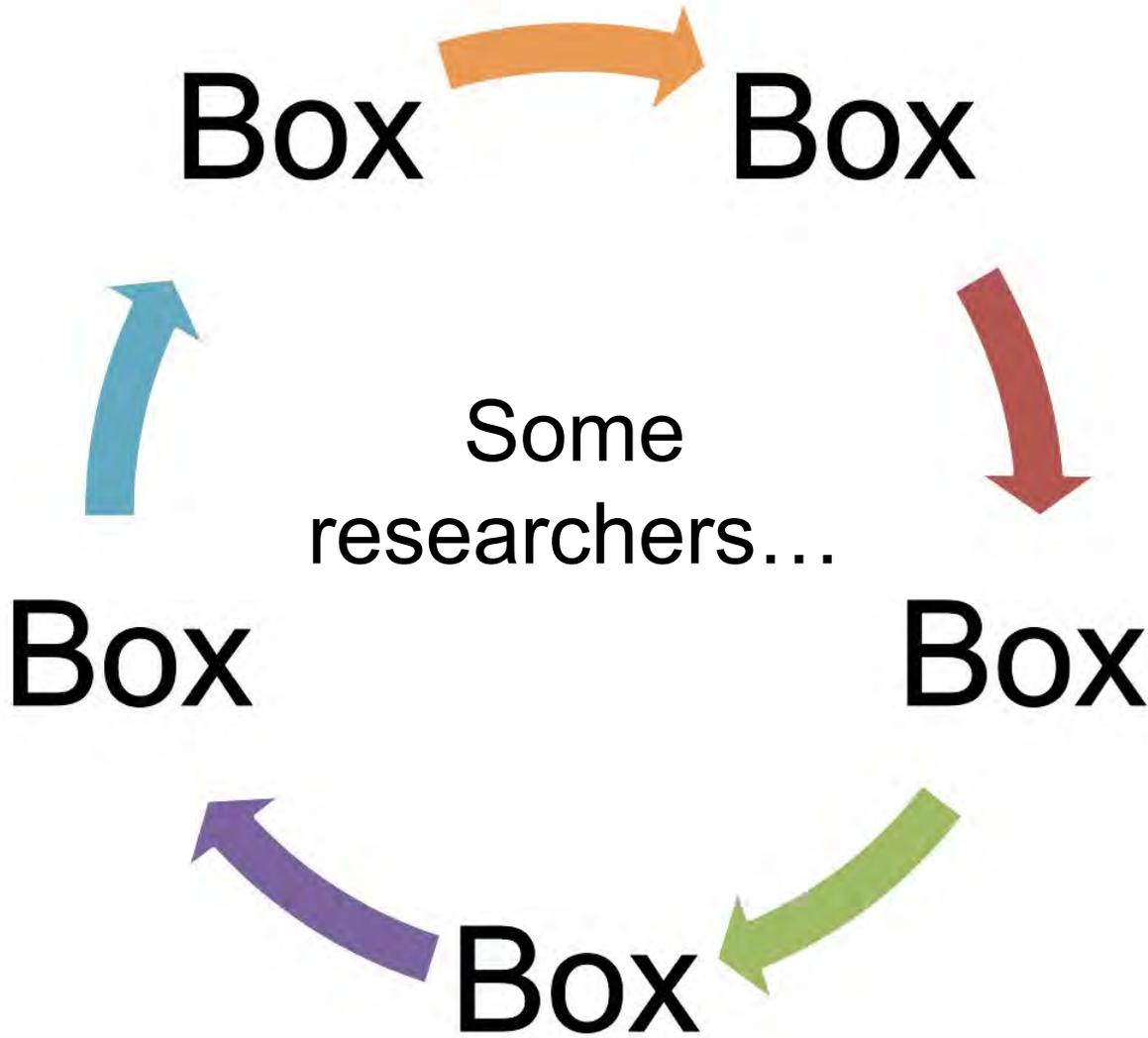


Rethinking Research Data Storage

Tobin Magle - Northwestern University
Deb McCaffrey - Arizona State University

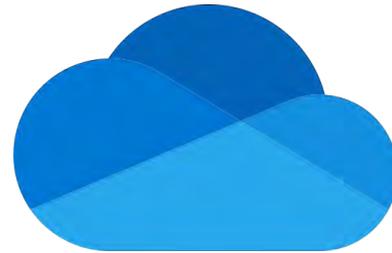
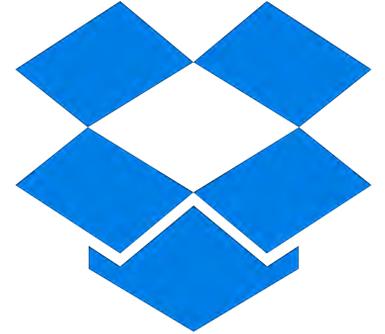


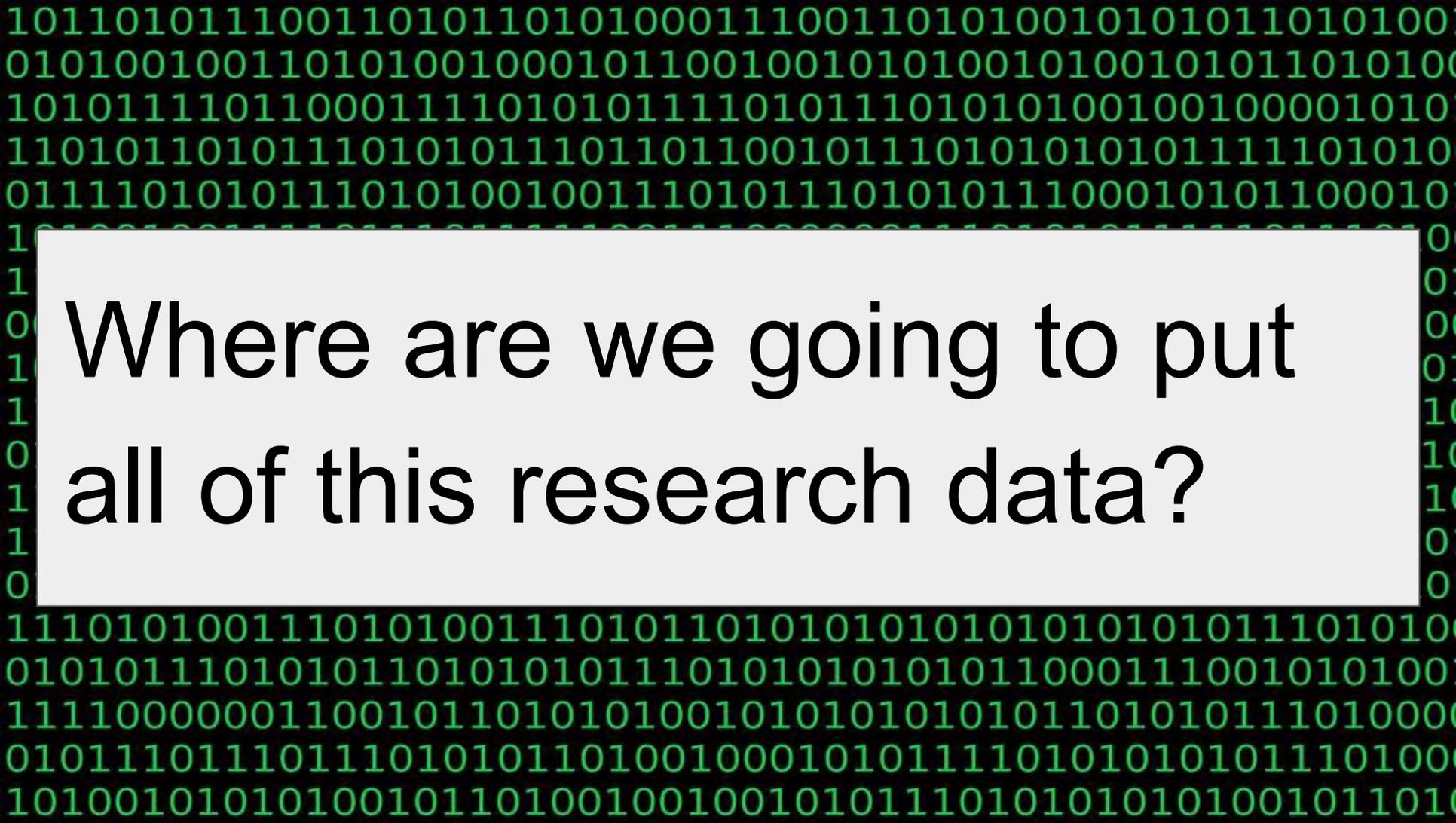




The problem

- Cloud file storage platforms offered **unlimited storage** to academic institutions
- Researchers **archived TBs of data** on these systems
- These platforms **stopped offering unlimited storage** and raised prices
- Academic institutions were forced to **reduce their storage footprint** on these platforms





Where are we going to put
all of this research data?

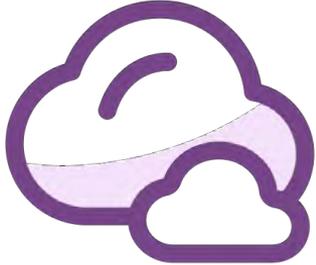
slido



**Which of these platforms
are your institutions still
using?**

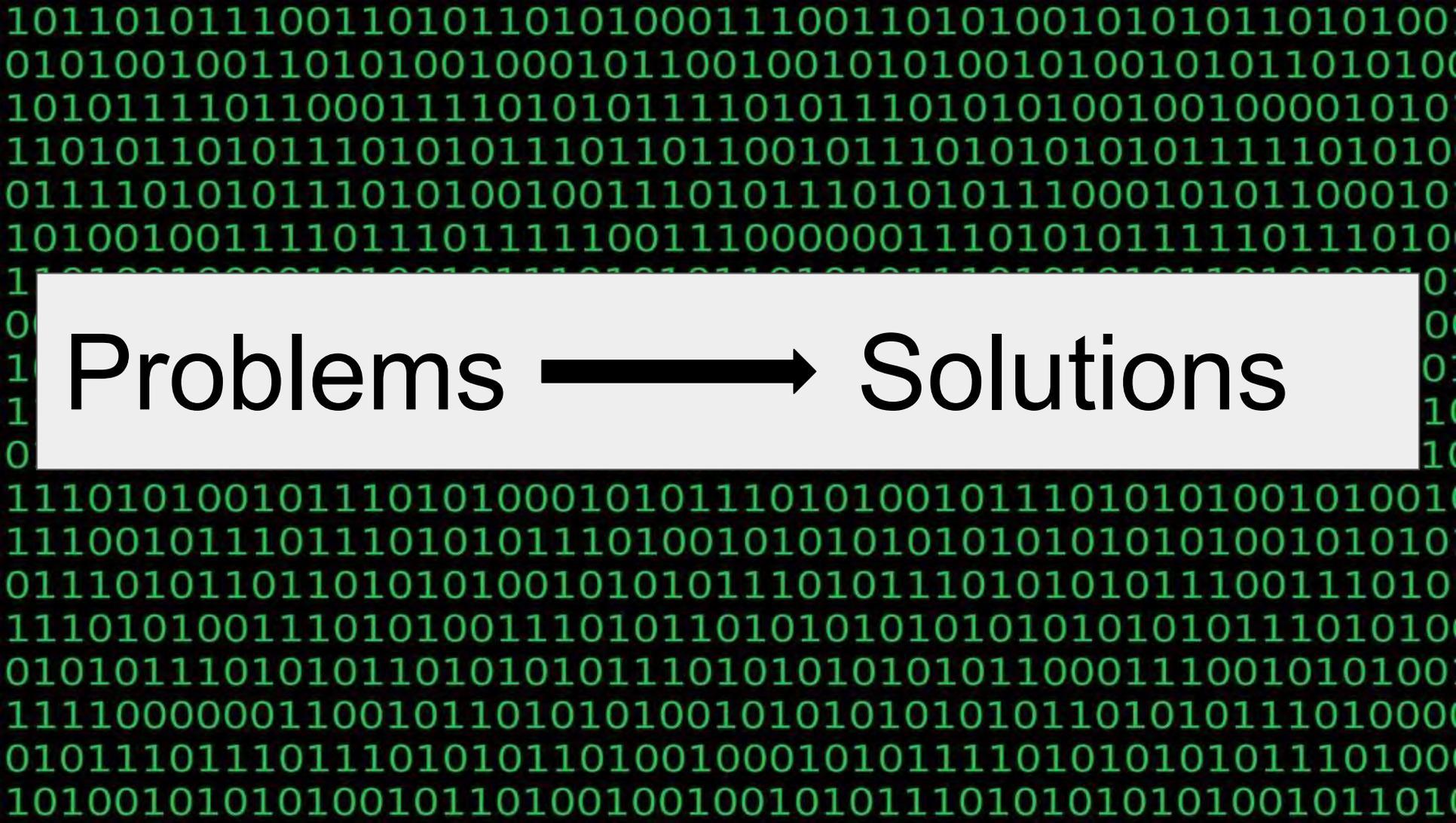
① Click **Present with Slido** or install our [Chrome extension](#) to activate this poll while presenting.

slido



What are your biggest data storage challenges?

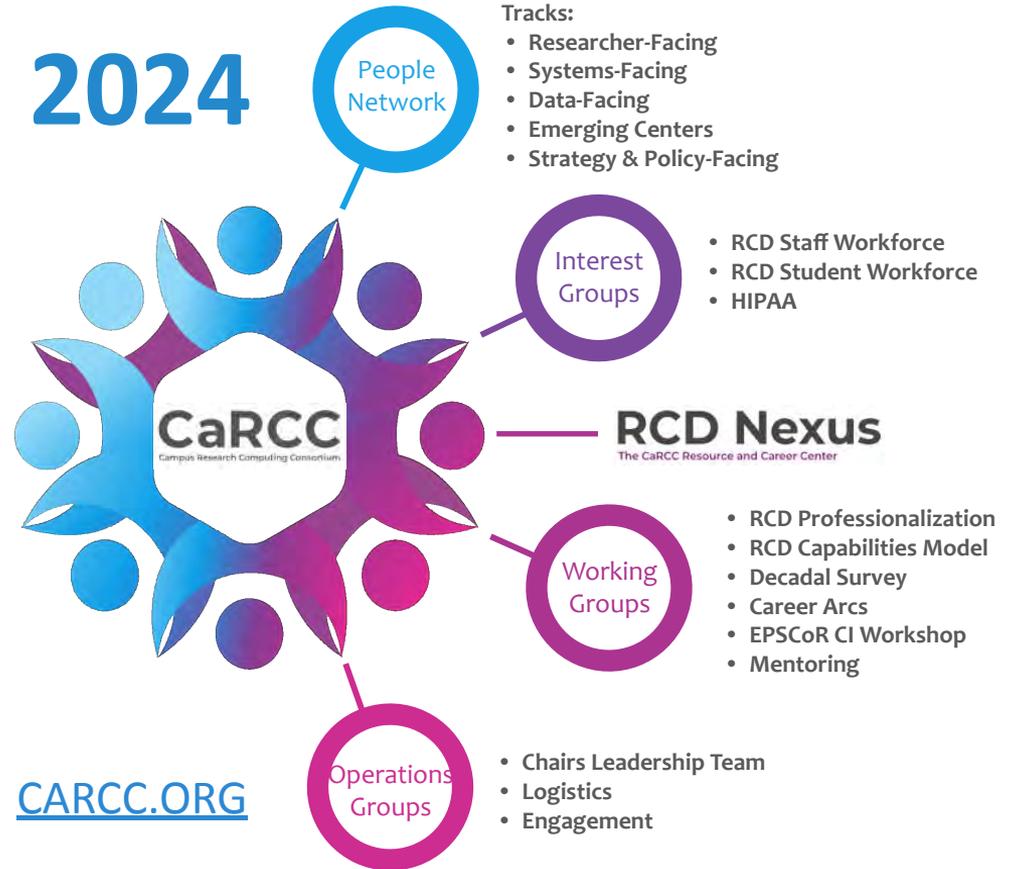
① Click **Present with Slido** or install our [Chrome extension](#) to activate this poll while presenting.



Problems → Solutions

Campus Research Computing Consortium

An organization that advances the frontiers of research by improving the effectiveness of RCD professionals, including their career development and visibility, and their ability to deliver services & resources for researchers.



CaRCC Data Storage Discussion group

Join: <https://groups.google.com/a/carcc.org/g/data-storage-dg/>

>200 member Google group to discuss challenges and solutions

Topic areas of interest:

- Data transfer (Globus)
- Access management
- Siloes (and overcoming them)
- Synchronization
- Collaboration

Proposed Activities

1. **Infrastructure Inventory** - create a structure for and collect information on data storage infrastructure.
2. **Knowledge sharing** - arrange opportunities for RCD professionals to share what they know about topics of interest

NET+ Cloud Services Technology Architecture Advisory Committee (CSTAAC) Report

Presentation:

Boyd Wilson Storage: Have We Run Out Of Dominoes?

Seeking feedback on their report

- Focused work on research storage issues.
- Gathered input via focused discussion and survey (32 institutions responded)
- Draft available for review on request to osreebny@internet2.edu

Other work in this area?

How can we work together?