Title: CloudStor – the next Phase…
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CloudStor is a web-based research data sync and share tool that AARNet has been providing to the Australian Research and Education Sector for over 10 years.

Its features and uses have grown organically over the years. It started with FileSender, a simple tool to share files too big to send in an email. But it has now grown into an Active Data Management collaboration platform with research-specific tools, including various data viewers and SWAN Jupyter Notebooks.

As it has grown it has become a victim of its own success and the architecture has had to evolve and scale with the growth of users and the way it is being used. At the same time, we have seen the growth and maturity of file sharing services like Dropbox, Google Drive, OneDrive and Sharepoint.

So now we want to reset. We have asked the community for feedback about what is and isn't working with CloudStor, and what the priorities should be for the service in the future. We have found that a lot of the popularity has come from CloudStor's accessibility to the sector and ease of use to enable data sharing with collaborators. AARNet is committed to providing national Research Infrastructure to enable our member institutions to undertake world-leading research.

This presentation will outline the roadmap for the next phase of Cloudstor's development, as we adapt it to meet the evolving needs of research, and as an underpinning data infrastructure that remains accessible and easy to use.