

Globus Technical Catch-Up

References: 27 June 2025 10:00-11:00 am AEST



Questions

Are there any updates regarding new technical features or integration/automation towards HPC?

Please see the below links for more information:

- + Globus Compute: <https://www.globus.org/compute>
- + NIST security standard for HPC: <https://csrc.nist.gov/pubs/sp/800/223/ispd>

If we are working on getting Globus certified against the institutional risk management framework, is there someone at AARNet that can help the local cyber security team with the process?

Yes. Send us an email at globus@aarnet.edu.au and we can help with this.

Will globus support the NIST PQS/PQC encryption for data transfers?

The Globus team is actively reviewing NIST's PQC guidance and assessing how to incorporate it into Globus. It's on their radar, and they are working to identify and address any gaps. More updates will follow as plans evolve.

I'm setting up a Globus High Assurance endpoint my university. I'd like to make collections private without giving users full Administrator access, as that reduces control over access management. Has there been consideration of allowing Activity Managers (or a new data access role) to access data in private High Assurance collections?

A couple of options would be as guest collections, or another solution may be to have one collection at the top level and using pathRestrictions to allow or deny read/write access to individual projects.

The Globus team will put together an approach and solution and share once ready.

What's the best way to get evidence of industry certifications for us to pass on to our cyber security team? They generally look for ISO27001, SOC1 SOC2 PCI DSS, but if we get the NIST evidence that probably gets us a long way.

Globus is capable of self attesting for NIST certification, and can send a letter demonstrating our attestation of meeting the requirements for those control sets. They can also help support this with security questionnaires.

Regarding the transfer of data and metadata, has the compliance with the CARE Principles for Indigenous Data Governance been considered, or even whether the CARE Principles may apply to (meta)data transfer with Globus?
<https://www.gida-global.org/care>

The Globus team will investigate this further with New Zealand colleagues who have experience with this though indigenous data requirements. They plan to put together and share use cases for how this was achieved.

We have file names with identifiable information (e.g. First Name, Last Name, GUID). Is there a solution that Globus infrastructure that handles these stays within Australia?

No. Metadata, file names, and file paths do go to the USA but are removed by 90 days.

Any plans for Globus Flows to have a High Assurance version?

This is a current priority and is in progress. More information will be shared soon.

More information

Find out more about Globus at aarnet.edu.au/globus or contact the AARNet Globus team at globus@aarnet.edu.au