

- ✓ Are you moving gigabytes > terabytes of data for your research (or do you want/need to)?
- ✓ Do you make use of International/National datasets?
- ✓ Can you transfer these datasets / your data fast enough? (or are you still shipping disks 😞)

Then please engage with us!

The SANReN CA are looking for researchers/scientists/IT facilities of Research Institutes who need to transfer big data sets from/to one or more external sources to/from their institutions. We want to help you increase the speed and reliability of transferring large datasets across your networks by piloting a data transfer service utilising Data Transfer Nodes (DTN) in a Science DMZ (demilitarized zone) architecture.

The Challenge

Moving masses of data is a challenge. In most cases networks optimized for business operations are neither designed for nor capable of supporting the data movement requirements of data intensive research. When scientists attempt to run data intensive applications over these so called “general purpose”/enterprise networks, the result is often poor performance – in many cases poor enough that the science mission is significantly impacted. At its worst this means either not getting the data, getting it too late or resorting to “desperate” measures such as shipping disks around.

The Solution

The SANReN Performance Enhancement Response Team (PERT) wants to change this for our researchers/scientists – the network, as an “instrument”, should help and not hinder you... Join us in this exciting endeavour!

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