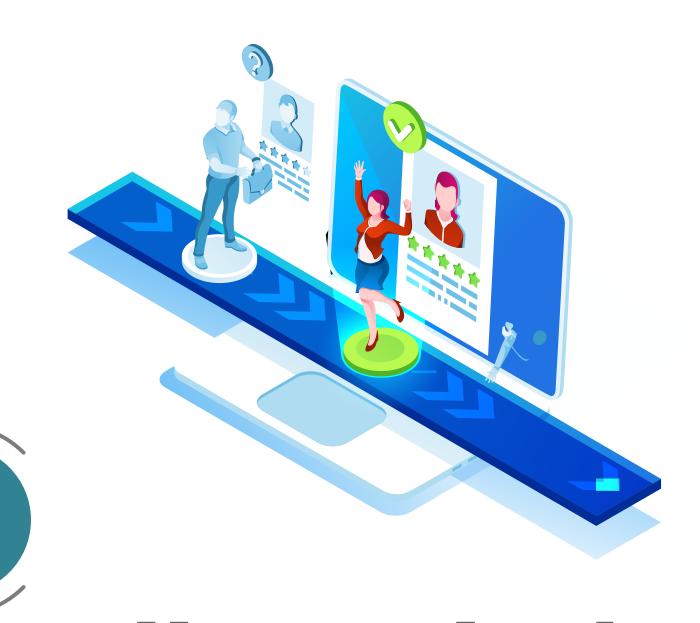# PAWSEY
supercomputing centre

HTC CLOUD INFRASTRUCTURE FOR AUSTRALIAN RESEARCHERS

As part of the Pawsey Supercomputing Centre's $70 million capital refresh project, the original cloud service has been expanded to be bigger and faster in every way that matters to researchers. The upgraded Nimbus high-throughput computing (HTC) infrastructure will be available on April 1 and will provide approximately 3,700 physical cores with 9 PB of storage, 58 TB of RAM, 12 NVidia V100 GPU nodes and 100 Gb Ethernet networking.

What is Nimbus?

Nimbus is an integrated data-intensive resource offered free to Australian researchers. The power of Nimbus is equal to nearly one thousand quad core laptops combined. It is equipped with thousands of CPUs, high memory capacity, and large data storage. Researchers can customise their Nimbus allocation for run their data workflows and computational tasks. Nimbus provides researchers flexibility to administer their software, data storage, and operating system.

Is Nimbus for you?

✓ If you are a researcher from an Australian University with large datasets, memory-heavy workloads, and/or require fast processing speeds.

✓ If you need system flexibility, containerisation or customisation of your environment.

✓ If you need a more powerful system with no waiting periods, no shared resources, no wall time, no scheduling.

How to Apply

You can apply via the Pawsey Cloud Application Portal.

https://apply.pawsey.org.au/

Within a week, applicants will receive a response. Upon acceptance you can access detailed information to help you build your instance and start accelerating your science.