HPC Services

Looking to accelerate your HPC Cluster with current hardware?
Need ongoing or periodic support?

XENON has been providing High Performance Computing Services to customers in Australia for over 20 years. XENON currently supports a number of HPC clusters across the country using remote monitoring and management tools.

Engaging XENON to manage your HPC cluster allows you to focus resources on your critical business and research workflows, rather than infrastructure operation and management.

HPC CLUSTER OPTIMISATION AND ACCELERATION

We offer an initial audit and review of current practices to identify improvement opportunities across job batch management, software licensing utilisation, and infrastructure configurations. Additionally, we can investigate potential to accelerate workloads with software optimised for GPU acceleration.

These are usually short term projects with quick results including better user experience, faster processing and workflow, and smooth trouble free operation of your HPC cluster.

HPC MANAGED SERVICES

XENON HPC services are available for defined term projects, or on-going support in a managed services agreement. All scopes of work are tailored to your environment and requirements.

The range of services available include:
- Remote administration, management, config of HPC clusters. Augment to, or replacement of, infrastructure/ HPC manager on short term or long term basis.
- Linux environment skills: management, patching, updating of servers and clients across various open source or proprietary Linux implementations.
- Containers: Docker and Kubernetes training and/or implementation.
- Pro-actively liaise with internal teams and vendors to resolve any issues (software licenses, hardware support, job scheduling, etc).
- Storage Management: discovery tool for monitoring storage usage; optimization of data in correct tier of storage; troubleshooting performance management issues with storage, latency, capacity, etc. Audit to ensure redundancy and resiliency of data.

START TODAY

Contact your XENON account manager, or contact the XENON team at 1300 888 030 or info@xenon.com.au.

XENON
®
High Performance Computing

For more information: www.xenon.com.au | info@xenon.com.au
Australia: 1300 888 030 | **International:** +61 3 9549 1111