# Position Description

## Technical Services – CSOF3

The following information is for applicants

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| Advertised Job Title**:** | Data Protection and Infrastructure Deployment/Configuration Generalist |
| Job Reference: | 59517 |
| Relocation Assistance**:** | Will be provided to the successful candidate if required. |
| Applications Are Open To: | Australian Citizens Only |
| Percentage of Client Focus - Internal: | 90% |
| Percentage of Client Focus - External: | 10% |
| Reports to the: | Data Lead, Scientific Computing Platforms, IMT |
| Number of Direct Reports: | 0 |
| Name and Contact Details For Applicant Enquiries: | Joseph AntonyEmail: Jospeh.Antony@csiro.au Phone: 02 6124 1421 |
| Contact Details For Applying: | Call 1300 984 220 or email careers.online@csiro.au |
| How to Apply: | Please apply online at [jobs.csiro.au](https://jobs.csiro.au/) and enter the requisition number**.** Internal applicants please apply via ‘Jobs Central’ through the ‘People Hub’ icon Please do not email your application directly to Rene Tyhouse.   Applications received via this method will not be considered by the selection panel.  |

## Role Overview:

The Scientific Computing group within CSIRO’s Information Management & Technology function provides end-to-end infrastructure ranging from generic corporate IT systems through to leading edge High Performance data processing tools and platforms. The teams manage over 30PB of data at a compounded annual growth rate of ~75%, and a proportionate computational and network fabric including several Top500 supercomputers, HPC Cloud and a highly versatile and robust corporate hosting platform. Additional services include advanced visualisation, Data Processing, application support, and software delivery. The capability is highly customer focussed and operates closely in partnership with all areas of CSIRO research.

The role of a Data Protection and Infrastructure Deployment, Configuration Generalist is part of the Data Team, Scientific Computing within IMT and is part of a small group responsible for continuing support and maintenance of CSIRO research focused storage equipment.

Technical Staff at this level are responsible for contribution to the data protection, compute, storage and high-speed connectivity infrastructure design with a strong data integrity focus. They are required to coordinate and deliver functional technical solutions and contribute to development, implementation and standardisation of infrastructure initiatives, procedures and techniques. Technical Staff at this level have proven experience and capability in coordination and delivery of solutions and services that support CSIRO’s strategic and operational objectives. They demonstrate initiative and independence. They act as a specialised advisor to the business and IMT.

They are responsible for the quality of the service delivered to clients, and make significant contribution to service direction and in the application of adaptive and innovative solutions to complex and ambiguous issues across one or more service or technical streams. They are client focused and gain support of key stakeholders and are able to integrate business requirements with IMT technical solutions in order to achieve organisational objectives.

## Duties and Key Result Areas:

* Play a key-role in the day-to-day delivery, management and long-term planning of IMT’s data protection needs
* Provide technical advice relating to data protection, infrastructure deployment and configurations that host data and integrated technology services, standards and procedures to team members, management and business owners.
* Contribute to the design, development, documentation and delivery of storage and compute infrastructure.
* Contribute to physical deployment and connectivity of infrastructure in data centres.
* Communicate effectively and respectfully with all staff, clients and suppliers in the interests of good business practice, collaboration and enhancement of CSIRO’s reputation.
* Work as part of a multi-disciplinary, often regionally dispersed research team, to carry out tasks autonomously in support of scientific research.
* Work collaboratively with colleagues within your team, the business unit and across CSIRO, to reach objectives.
* Set-up and/or maintain effective and efficient work teams, allocate and manage resources and undertake career development.
* Choose appropriate management strategies and communication styles to maintain high levels of motivation and productivity, giving feedback for development purposes and providing support for improvement.
* Adapt and/or develop original techniques/procedures/equipment/ concepts/ideas in support of existing and further research.
* Adhere to the spirit and practice of CSIRO’s Values, Health, Safety and Environment plans and policies, Diversity initiatives and Zero Harm goals.
* Other duties as directed.

## CSIRO Competencies:

1. **Teamwork and Collaboration: Proactively seeks and considers the ideas and opinions of others from within and outside the team to help form decisions, plans or actions.**
2. **Influence and Communication: Puts forward ideas by presenting factual information supported by data, definitions, examples, illustrations or other aids, which will assist in conveying meaning.**
3. **Resource Management/Leadership: Provides instruction and assists other staff to complete allocated tasks and activities.**
4. **Judgement and Problem Solving:** Identifies and considers the implications of a range of available alternatives in order to select the most appropriate response to problems of a familiar or recurring nature.
5. **Independence: Recognise and makes immediate changes to improve performance (faster, better, lower cost, more efficiently, better quality, improved client satisfaction).**
6. **Adaptability:** Willingness to change ideas or perceptions based on new information, contrary evidence or other people's points of view. Prepared to try out different approaches.

## Selection Criteria:

*Under CSIRO policy only those who meet all selection criteria can be appointed.*

1. Relevant tertiary qualifications in IT or related discipline or equivalent relevant work experience.
2. Demonstrated experience in the use of data-protection technologies, ICT infrastructure deployment.
3. Practical knowledge and proficient troubleshooting skills in relation to ICT infrastructure.
4. Demonstrated ability, willingness and motivation to contribute novel ideas and approaches in support of stakeholder requirements.
5. Ability to learn quickly and apply skills in practical situations.

## Desirable Criteria:

1. Experience with Commvault
2. Experience with large scale infrastructure deployments using Linux and VMWare.
3. Experience in troubleshooting connectivity in Ethernet, Fibre Channel or Infiniband networks.

## Special Requirements:

**Security Clearance:**This is a security assessed position. Applicants must be an Australian citizen, with successful candidate either holding or having the ability to obtain a Negative Vetting 1, Australian Government security clearance.

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Find out more about the CSIRO [Information Management & Technology](https://my.csiro.au/orginfo/structure/support/imt)