# Position Details

## Technical Services- CSOF5

|  |
| --- |
| The following information is for applicants |
| Advertised Job Title | Senior Cloud Engineer Azure |
| Job Reference | 87752 |
| Tenure | Indefinite, Full-time |
| Salary Range | AU$102,724 to AU$111,165 pa (pro-rata for part-time) + up to 15.4% superannuation |
| Location(s) | Negotiable; preference for Adelaide, Victoria, Canberra, or Sydney |
| Relocation Assistance | Will be provided to the successful candidate if required |
| Applications are open to | Australian Citizens Only |
| Client Focus – Internal | 50% |
| Client Focus – External | 50% |
| Number of Direct Reports | 0 |
| Enquire about this job | Brendan Speet via email at Brendan.speet@csiro.au |
| How to apply | Apply online at <https://jobs.csiro.au/> Internal applicants please apply via **Jobs Central**If you experience difficulties when applying, please email careers.online@csiro.au or call 1300 984 220. |

### Role Overview

At CSIRO, hybrid cloud computing continues to allow us to modernize and consolidate IT infrastructure, automate workloads, and pursue next-generation innovation. To continue this transformation, we are seeking an experienced Azure cloud engineer with expertise in the strategy, design, development, and implementation of large-scale projects in a cloud native environment. The ideal candidate will be experienced in deploying end-to-end solutions and operating within a cloud native environment, possessing a sound understanding around emerging technologies, public cloud platforms tooling and the required ability to utilise these towards the goal of aiding the business in increasing security posture and efficiency of IT operations. From day one, you will be in a position to exert influence and provide impact around the future path and growth of the organisation in its use of Azure cloud technologies.

Security Clearance: These are security assessed positions and the successful applicants will be required to obtain and maintain a security clearance of NV1 (SECRET).

### Duties and Key Result Areas:

* Work in tandem with CSIRO technical staff to identify and implement optimal cloud-native solutions for the organisation adhering to team coding standards and organisational architectural guidelines.
* Define, develop, and document best practices and strategies regarding management of public cloud accounts, security in cloud and solution deployment and maintenance in cloud, in line with organisation guidelines and objectives.
* Ownership and maintenance of managed services inclusive of performance tuning, scalability optimisation, durability, and observability of associated resources.
* Provide guidance, thought leadership, and mentorship to development teams to build cloud competencies.
* Communicate openly, effectively, and respectfully with all staff, clients, and suppliers in the interests of good business practice, collaboration, and enhancement of CSIRO’s reputation.
* Work collaboratively as part of a multi-disciplinary, often regionally dispersed research support team, and business unit to carry out tasks in support of CSIRO scientific objectives.
* Adhere to the spirit and practice of CSIRO’s Code of Conduct, Health, Safety and Environment procedures and policy, Diversity initiatives and Making Safety Personal goals.

## **Required Competencies:**

* **Teamwork and Collaboration:** Cooperates with others to achieve organisational objectives and may share team resources in order to do this. Collaborates with other teams as well as industry colleagues.
* **Influence and Communication:** Uses knowledge of other party's priorities and adapts presentations or discussions to appeal to the interests and level of the audience. Anticipates and prepares for others reactions.
* **Resource Management/Leadership:** Sets up and maintains effective and efficient work teams and manages performance and resources, to achieve objectives. Chooses appropriate management strategies and communication styles to maintain high levels of motivation and productivity. Gives feedback for development purposes and provides support and direction for improvement.
* **Judgement and Problem Solving:** Investigates underlying issues of complex and ill-defined problems and develops appropriate response by adapting/creating and testing alternative solutions.
* **Independence:** Plans, sets, and works to meet challenging standards and goals for self and/or others. Recognises where endeavours will make the most impact or difference, decides on desired outcome and sets realistic goals to reach this target.
* **Adaptability:**Copes with ambiguity or situations that lack clarity. Adapts readily to changing circumstances and new responsibilities (which may include activities outside own preferences) in the interests of achieving team objectives. Recognises the need for and undertakes personal development as a result of changes.

## **Selection Criteria**

#### Essential:

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

* Experience: 8+ years of demonstrated IT experience in service design, including orchestrating and implementing end-to-end solutions that incorporate process, technology, and security elements, by working with native cloud services and leveraging automation tools. 3+ years of cloud experience.
* Excellent Communication and Collaboration: A proven ability to work with and influence multiple stakeholders and multi-disciplinary teams by fostering positive working relationships using well-developed negotiation and communication skills.
* Education: Certification in Azure or other Cloud Technologies or depth of experience which denotes a high degree of specialised expertise in Cloud Technologies.
* Learner Mindset: Openness and ability to learn new skills and technologies in a multi-cloud environment.
* Technical Skills: Deep understanding of cloud computing technologies with demonstrated experience and proficiency in, but not limited to, the following domains:
	+ Azure Core IaaS: Compute, Storage, Networking
	+ Containers and container orchestration platforms: Docker, Kubernetes, GKE
	+ Identity and Authentication: Azure Active Directory, Conditional Access Policies, AAD connect, Managed Identities, etc
	+ Azure Core PaaS: Azure Functions, Automation Accounts, Logic Apps, etc
	+ Azure Core Security services: Defender for Cloud, Sentinel
	+ Azure Core Monitoring and Logging services: Azure Monitor, Log Analytics
	+ Infrastructure as Code – ARM Bicep and Terraform
	+ Secrets Management - Hashicorp Vault, Azure Key Vault
	+ Version Control and CI/CD: - Azure DevOps Pipelines, Git

**Desirable:**

* Experience in multi- and/or hybrid-cloud enterprise or research environments
* Experience building and working with web services and APIs
* Experience and/or familiarity with the AWS, GCP or Azure Well-Architected Frameworks
* Microsoft Certified: DevOps Engineer Expert (AZ-400)

Special Requirements

Appointment to this role may be subject to conditions including provision of a national police check as well as other security/medical/character clearance requirements.

Include if relevant:

* The successful candidate will be asked to obtain and provide evidence of a National Police Check or equivalent. Please note that people with criminal records are not automatically deemed ineligible. Each application will be considered on its merits.
* The successful candidate will be required to obtain and maintain a security clearance at the NV1 (SECRET).

## **About CSIRO:**

We solve the greatest challenges through innovative science and technology. To find out more visit us [online](http://www.csiro.au/)!