



Position Details

Technical Services - CSOF5

THE FOLLOWING INFORMATION IS FOR APPLICANTS	
Advertised Job Title	Web Hosting System Administrator
Job Reference	100779
Tenure	Indefinite Full-time
Salary Range	AU\$114k - AU\$123k per annum plus up to 15.4% superannuation
Location(s)	Brisbane, Melbourne, Canberra, Sydney
Relocation Assistance	Not provided
Applications are open to	Australian Citizens Only
Position reports to the	Web and Database Hosting Manager
Client Focus – Internal	95%
Client Focus – External	5%
Number of Direct Reports	0
Enquire about this job	Contact Natalia Watanabe via email at natalia.watanabe@csiro.au
How to apply	<p>Apply online at https://jobs.csiro.au/</p> <p>Internal applicants please apply via Jobs Central</p> <p>If you experience difficulties when applying, please email careers.online@csiro.au or call 1300 984 220.</p>

Acknowledgement of Country

CSIRO acknowledges the Traditional Owners of the land, sea and waters, of the areas that we live and work on across Australia. We acknowledge their continuing connection to their culture and pay our respects to their Elders past and present. View our [vision towards reconciliation](#).

Child Safety

CSIRO is committed to the safety and wellbeing of all children and young people involved in our activities and programs. View our [Child Safe Policy](#).

Role Overview

The Web & Database Hosting team within CSIRO IMT Enterprise Platforms group provides general and versatile hosting solutions for both science research web applications and enterprise systems, and the team manages the technical complexities and life cycles of the web platforms to strive for a smooth and secure hosting experience for clients.

The Web Hosting System Administrator, as part of the Web and Application Hosting team, is responsible for web and application provisioning and ongoing support, providing technical advice relating to the hosting enquiries, and managing the operation and security of web platform and framework environments. They understand the capabilities and security characteristics of key web platforms and frameworks, and apply that knowledge diligently in daily job, and actively contribute to ongoing service improvement and development within the team.

Staff at this level have proven experience and capability in coordination and delivery of solutions and services in support of CSIRO's strategic and operational objectives. They demonstrate initiative and independence. They act as a specialised advisor to the business and IM&T. They are responsible for the quality of the service delivered to clients and make significant contributions to service direction and application of adaptive and innovative solutions to complex and ambiguous issues across one or more services or technical streams. They are client focused and gain support of key stakeholders and can integrate business requirements with IM&T technical solutions to achieve organisational objectives.

Duties and Key Result Areas

Technical Responsibilities

- Install, configure, upgrade, and maintain web servers and hosting platforms—primarily Linux/Apache/Tomcat (80%) and Windows/IIS (20%).
- Manage web application lifecycle, including patching, updates, and troubleshooting of performance and security issues.
- Administer SSL certificates, monitor system alerts, and oversee resource planning and scalability.
- Lead proactive security measures, including embedded controls and participation in security assessments.
- Initiate and manage changes in accordance with IMT protocols and contribute to disaster recovery efforts.
- Contribute to the creation and refinement of service standards, procedures, and technical documentation.

Collaboration & Communication

- Promote a team-oriented environment by building strong relationships with peers, clients, and business owners.
- Work closely with cross-functional and regionally dispersed teams to achieve organisational and scientific goals.
- Communicate respectfully with all stakeholders to uphold CSIRO's values and reputation.

Leadership, Support & Client Engagement

- Supervise and mentor junior staff, supporting skill development and high-quality service delivery.
- Liaise with clients to understand their needs, resolve issues constructively, and ensure satisfaction.
- Tackle complex technical challenges with initiative and drive continuous improvement.

Organisational Commitment

- Uphold CSIRO's Values, Code of Conduct, Health, Safety and Environment policies, and diversity initiatives.
- Carry out additional duties as directed to meet evolving team and organisational needs.

Selection Criteria

Essential

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

1. A minimum of 5 years demonstrated experience in Linux System Administration.
2. Extensive understanding and experience as System Administrator with Linux-based Apache HTTP Server and NGINX, with exposure to Windows Server and IIS and solid understanding of web security.
3. Sound programming skills, and proficient in one or more languages (i.e. PowerShell, Bash, Perl, PHP, Python, Java, JavaScript, etc.)
4. Well-developed experience in working collaboratively across teams, coordinating tasks, and driving for service delivery.
5. Demonstrated willingness and ability to contribute novel ideas and approaches with insightful analysis, and to develop innovative solutions leading to improved service delivery.
6. Demonstrated ability to assess, analyse and resolve complex issues.
7. Effective written and oral communication skills developed through client engagement, networking, and product development.

Desirable

- Experience with DevOps practice in service delivery for automation and integration, agile methodologies, and source code revision control like Git, SVN.
- Containerisation experience (Docker, Kubernetes)

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.

Special Requirements

Appointment to this role is subject to provision of a pre-employment background check and may be subject to other security/medical/character clearance requirements.

This is a security assessed position, and the successful candidate will be required to obtain and maintain a Negative Vetting 1 security clearance. To obtain an Australian Government security clearance you must be an Australian Citizen. Applicants seeking sponsorship or who only hold residency status will not be considered.

About CSIRO

We solve the greatest challenges through innovative science and technology. Visit [CSIRO Online](#) for more information.

CSIRO is a values-based organisation. In your application and at interview you will need to demonstrate behaviours aligned to our values of:

- People First
- Further Together
- Making it Real
- Trusted