# POSITION DESCRIPTIONInformation Security Lead, Consumer Data Standards

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| Advertised Job Title**:** | Information Security Lead – Consumer Data Standards |
| Reference Number**:** | 58129 |
| Classification**:** | CSOF6 |
| Salary Range: | An attractive remuneration package is negotiable |
| Location**:** | Melbourne, Sydney, Canberra Data61 sites |
| Tenure: | Specified term of 2 years |
| Relocation assistance**:** | Will be provided to the successful candidate if required. |
| Applications are open to: | Australian and NZ Citizens and Australian Permanent Residents. |
| Functional Area**:** | Research Projects  |
| % Client Focus - Internal: | 0% |
| % Client Focus - External: | 100% |
| Reports to the: | Head of Technical Delivery |
| Number of Direct Reports: | 0 |

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| **Role Overview:** |
| Data61 has been appointed technical advisor to the interim Data Standards Body by the Australian government to deliver open technical standards that empower Australian consumers to share their data simply and safely with organisations of their choosing, starting in the banking sector. As part of the newly formed team developing and helping organisations to implement open standards, you will develop and lead information security advice on best practice, and recommend solutions in an open banking contextAt Data61 we bring together exceptional people from research and industry to work at the cutting edge of ICT, data analytics and artificial intelligence research. The Consumer Data Standards group acting as technical advisor to the interim Data Standards Body, sits within the Computational and Software Systems Program at Data61. The Consumer Data Standards Group is set up to develop open standards – beginning in banking, before moving into energy and telecommunications – for a period of three years, with funding from the Australian Treasury.As information security Lead, you will develop and lead the information security working group tasked with delivering open standards in the banking sector. The work you do will impact the future of API-driven banking in Australia, and require a deep level of expertise in API security, authentication and authorisation, as well as broader information security challenges. As leader of the information security working group, you will be required to demonstrate strong communication, deductive and evaluative skills to manage feedback from a diverse group of stakeholders. You will provide pragmatic advice on information security requirements that safeguard the privacy of customer data while ensuring services can be developed that are easy for customers to access and benefit from.You will work alongside the Standards Lead and Head of Technical Delivery to define the overall framework for open banking APIs in the Australian context, within the criteria set by the Australian Government in its response to the Open Banking Review. You will collaborate closely with Australian government entities developing infrastructure to support accredited entities in open banking, and advise on matters relating to authentication and authorisation for data sharing. You will be mindful of the ways in which decisions made in an open banking context might be applied in energy and telecommunications sectors. The ideal candidate must have the ability to engage, manage and influence stakeholders within a large, complex ecosystem to ensure buy-in of the standards, and be comfortable working in an open, collaborative way.  |

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| **Duties and Key Result Areas:** |
| * Develop and lead information security working group for the Consumer Data Standards, focused on authentication, authorisation and broader information security requirements.
* Develop an information security profile and associated guidance to support organisations implementing open banking
* Partner with technical developers and content editors within the Data Standards Body to support organisations implementing the open banking standards and communicating updates
* Work closely with the Standards Lead to ensure broader direction of API standards is not incompatible with information security recommendations being developed
* Under the guidance of the Head of Technical Delivery, work collaboratively and openly with internal and external colleagues, working group participants and interested stakeholders to ensure usability of standards and maintain buy-in for implementation
* 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.
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| **Selection Criteria:** |
| *Under CSIRO policy only those who meet all essential criteria can be appointed****Pre-Requisites:**** **Qualifications: A relevant qualification in computer science or equivalent experience.**
* **Communication:** Excellent written and oral communication skills with the ability to identify critical stakeholders, influence and convey information to a broad range of stakeholders.
* **Leadership:** Experience leading group-based projects with diverse stakeholders, working towards a common goal.
* **Behaviours: A history of professional and respectful behaviours and attitudes in a collaborative environment.**

***Essential Criteria:***1. A minimum of six years experience working as an engineer, standards architect, systems admin or other technical role, with particular experience in information security
2. Demonstrated experience designing and implementing RESTful APIs, with particular focus on APIs requiring user authentication/authorisation.
3. Significant skills and experience advising on information security requirements relating to data sharing via APIs
4. Knowledge of, or experience with OAuth 2 and OpenID Connect
5. Demonstrated experience leading significant projects which involve a range of stakeholders, strong representation skills and resolving areas of dispute.
6. Demonstrated ability to work to tight deadlines, prioritise tasks effectively and work flexibly to achieve goals
7. **The ability to work effectively as part of a multi-disciplinary, regionally dispersed team, seeking feedback internally and externally and incorporating this into standards development.**
8. A track record establishing and maintaining cross-industry partnerships to achieve tangible results.

**Desirable Criteria:**1. Deep understanding of financial sector systems and products.
2. Experience and skills in developing or advising on banking API standards.
3. Staff management, coaching and mentoring experience.

**As Australia’s Innovation Catalyst, CSIRO has strategic actions underpinned by behaviours aligned to**:* Excellent science
* Inclusion, trust & respect
* Health, safety & environment
* Delivery on commitments.

**In your application and at interview you will need to demonstrate alignment with these behaviours.*****Data61 Values:*****Great Impact**: We focus our valuable resources on areas where we can lead globally and have large impact for Australia, to aid our future prosperity and independence.  **Mastery**: We are fearless, curious and we improve every day. We strive to excel in research, technology and business, and to work with the best in the world.  **Co-Creation of Value**: Everything we do involves co-creation with our network: team, customers and partners. Generously empowering their success is central to our success.  **Ownership of Results**: We jointly hold ourselves accountable for our actions. We do this via trust and commitment. **People and their Differences**: We embrace the creativity that comes from the diversity of our people. **Agility and Flexibility**: We view the changing world as an opportunity. This requires agility and flexibility in everything we do; everything changes, except our constant desire to adapt. **Tell it Straight, with Respect:**We say what we mean, mean what we say, and do not mislead, obfuscate or spin. We're direct and always respectful.***Special requirements:***To be eligible for this position you must be willing and able to sign non-negotiable individual confidentiality agreement with external project clients, and may be subject to additional security checks. |

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| **Other Information:** |
| **How to Apply:**Please apply for this position online at <https://jobs.csiro.au/>.You will need to upload your Cover letter and CV that best demonstrates your ability to meet the requirements of this position (Maximum 2MB). You may also be required to respond to some screening questions.  If you experience difficulties applying online call 1300 984 220 or email csiro-careers@csiro.au for assistance. Outside Australian business hours please email: **Referees**: Please provide contact details of two previous supervisor or academic/professional referees in your resume/CV. We will ask your permission before making contact. **Contact:**  If after reading the position details above you require more information please contact: Warren Bradey at warren.bradey@data61.csiro.au Please do not email your application directly to Mr. Bradey. Applications received via this method may not be considered by the selection panel.**About CSIRO**Australia is founding its future on science and innovation. Its national science agency, the Commonwealth Scientific and Industrial Research Organisation (CSIRO) is a powerhouse of ideas, technologies and skills for building prosperity, growth, health and sustainability. It serves governments, industries, business and communities across the nation. Find out more! [www.csiro.au](http://www.csiro.au). **CSIRO Data61** In today’s data-focused world, there’s no doubt that numbers count. [**Data61**](http://www.data61.csiro.au/) are the largest data innovation group in Australia, a connector that brings together technology innovators, businesses and universities to transform Australian industry and to help solve our greatest challenges. A CSIRO business, we are creating our data-driven future. Find out more! <http://www.data61.csiro.au/> **Our commitment to you**We work flexibly at CSIRO, offering a range of options for how, when and where you work. Talk to us about how this role could be flexible for you. We emphasise an individual’s growth and development which is supported by interacting and learning from world leading scientists and engineers, who provide the opportunity to challenge, transform and innovate new ideas. CSIRO’s Data61 is committed to sourcing the brightest and best talent to become part of the Data61 family, which contributes to creating Australia’s data driven future. |