
Position Description

SECURITY ENGINEER

BUSINESS UNIT:	Cyber Security
REPORTS TO:	Senior Information Security Analyst
MANAGEMENT:	Direct reports: 0
LOCATION/S:	North Ryde
POSITION TYPE	Permanent full-time

About AARNet

Australia's Academic and Research Network (AARNet) was established in 1989 and is widely regarded as the founder of the Internet in Australia and renowned as the architect, builder and operator of world-class network infrastructure for research and education. We are Australia's National Research and Education Network (NREN).

We connect over one million users—researchers, faculty, staff and students—at institutions across Australia, supporting education and research across a diverse range of disciplines including high energy physics, climate science, genomics, radio astronomy and the arts.

Nationally, AARNet interconnects Australian universities, the CSIRO, and other organisations who have a research and education mission, or with whom the education and research sector interacts. These include hospitals, vocational training providers, schools and museums. Internationally, AARNet interconnects the Australian Research and Education (R & E) community to the world – and continuously develops new capabilities and partnerships to facilitate seamless data access and transfer. AARNet also offers a suite of supporting applications to our customers. These include network and collaboration services such as CloudStor and Zoom, that enable innovation in the delivery of research and education.

We are an organisation of innovators, doers, and courageous thinkers. We are not constrained by traditional products and solutions and we constantly strive to build the solutions that our customers will need tomorrow – today. If you have the imagination, foresight and drive to build the future why not come and join us?

The Role

AARNet is offering a Full Time position for an experienced Security Engineer based in our Nth Ryde office. Reporting to the Senior Information Security Analyst and working with key internal and external stakeholders, data custodians and business groups you will coordinate the ongoing review of AARNet's information security policy, privacy and compliance standards and procedures. The scope of this program is enterprise wide and includes information in electronic, print and other formats.

Responsibilities

- Development and review of policies, processes and procedures, ensuring that ASD security standards and Australian Privacy Principles are understood and entrenched within the organisation;
- Review of major system designs and implementations to ensure security is provided due consideration;
- Development and oversight of the Vulnerability Management program;
- Provision of ongoing education and training on information security and privacy matters to employees and users, including policy and procedural changes;
- Management of compliance against aforementioned policies and procedures;
- Management of ongoing risk assessments and incident prevention strategies.

Expertise, experience & qualifications

- Demonstrated history of implementing security policies, technologies and procedures;
- Minimum 10 years' experience working in a dedicated hands-on internally facing security/network function(s);
- Vendor relationship management experience;
- Bachelor's Degree, Information Systems, Computer Science, Information Security or related field required;
- 10+ years' experience in administering Information Security controls in large scale organisation, preferably within the education sector;
- Relevant industry certifications / qualifications (e.g. CISSP, CISM, CISA, SANS GSEC).

Important skills

- Strong knowledge of ISO 27001, NIST and the DSD top 4 mitigation strategies;
- Demonstrated ability to perform security reviews and risk assessments.
- Knowledge of network, database and application structures and architectures, with a detailed understanding of information security and risk implications.
- Demonstrated ability to develop and maintain vulnerability management programs.
- Thorough understanding of potential threats and corresponding mitigation strategies.
- Knowledge of information security concepts including: DMZs, firewalls, intrusion detection, data exfiltration, incident response, access control, data protection, auditing, and business continuity.
- Knowledge of Privacy matters and ability to develop and embed processes to ensure privacy compliance and adherence to the Australian Privacy Principles.
- Excellent interpersonal and communication skills.
- Proven ability to engage at all levels of the organisation.

Conditions of employment

AARNet is committed to diversity and providing equal opportunity to all. We're a great place to work if you want to make a difference. Remuneration will be based on skills and experience and will include an above market superannuation package.

How to apply

Applications, including a resume/CV and cover letter addressing the requirements of this role, should be sent by e-mail to SeniorSecurityAnalyst@aarnet.edu.au by close of business AEST on 29/03/2018.