



## Position Description

<b>College/Division:</b>	Research and Innovation Portfolio
<b>Faculty/School/Centre:</b>	National Computational Infrastructure
<b>Department/Unit:</b>	Innovative Compute Environments
<b>Position Title:</b>	Senior Network Security Specialist
<b>Classification:</b>	Senior Manager 1 (Specialist)
<b>Position No:</b>	39049
<b>Responsible to:</b>	Senior IT Network Security Specialist
<b>Number of positions that report to this role:</b>	1
<b>Delegation(s) Assigned:</b>	Nil

### PURPOSE STATEMENT:

National Computational Infrastructure (NCI) is Australia's leading national provider of high-end computational and data-intensive services, with a well-respected reputation for its services, expertise and innovation. NCI is an operating unit of the Australian National University and is built on and sustained by a formal collaboration of national research organisations, ANU, CSIRO, Bureau of Meteorology, Geoscience Australia, other research-intensive universities and research support organisations nationally.

The Senior Network Security Specialist is responsible for the development and implementation of a strategic information network security management policy, and provision of associated expert security advice in relation to ICT network related matters to Australian and international researchers supported by NCI.

### KEY ACCOUNTABILITY AREAS:

#### Position Dimension & Relationships:

The Senior Network Security Specialist will be part of a team and work under the direction and guidance of the NCI Network Security Manager. The position will also work closely with colleagues across NCI in particular members of the HPC, Cloud Systems, and the Storage Systems teams. The Senior Network Security Specialist will develop and maintain the necessary secure networks across the University and broader Australian research community. The position will liaise with executive management, technical and research staff across Australia and international to advise on network security matters and to enforce NCI network security Policy.

#### Role Statement:

Under the broad direction. The Senior Network Security Specialist will:

- Deliver a key strategic program for the NCI by designing, planning, implementing and documenting a cost effective next generation network from inception through to completion to meet its security and high performance research community needs.
- Develop and implement the network security policy suite for NCI, including associated standards, practices, procedures and guidelines in accordance with the requirements of the University IT policies and NCI's collaborating organisations.
- Manage and deliver the network services program in accordance with budget and organisational requirements.
- Establish and maintain governance arrangements and provide professional, timely and strategic network advice to NCI and its stakeholders.
- Develop, implement and maintain a framework and methods for regular and effective communication strategies and plans for the dissemination of ICT policies, standards, practices, procedures and guidelines.
- Maintain knowledge and understanding of contemporary and relevant sector-wide developments in HPC and share with other members of the team.
- Undertake other duties as required from time to time consistent with the classification level of the position.

- Comply with all ANU policies and procedures, and in particular those relating to work health and safety and equal opportunity

### SELECTION CRITERIA:

1. Extensive experience in a specialised network/security environment.
2. Extensive experience in managing large complex networks through monitoring and investigating for ICT security network breaches.
3. Proven experience developing and implementing policies and programs that involve major change which have had a direct impact on business and external clients.
4. Demonstrated experience in communicating complex ICT security concepts with business and technical people, to ensure the organisation's information assets are secured to a level commensurate with the value of those assets.
5. Demonstrated experience in identifying technical and user issues, thinking laterally and applying analytical skills to develop appropriate options for integrated network security controls in a complex network environment.
6. Proven ability to work under pressure, meet deadlines and prioritise workloads.
7. A demonstrated high level understanding of equal opportunity (EO) principles, and a commitment to the application of EO policies in a university context.
8. A demonstrated high level achievement in relation to incorporation of EO principles into strategic planning and the capacity to accept devolved responsibility for achievement of equity and diversity strategies. (While not exclusive of other evidence, an understanding of managerial and individual responsibility, the potential for vicarious liability, and some evidence of achievement or advocacy would satisfy this criterion).

*The ANU conducts background checks on potential employees, and employment in this position is conditional on satisfactory results in accordance with the [Background Checking](#) Procedure which sets out the types of checks required by each type of position.*

**Supervisor/Delegate Name:**

**Date:**

### References:

[Professional Staff Classification Descriptors](#)

[Minimum Standards for Academic Levels \(MSAL\)](#)



# Pre-Employment Work Environment Report

## Position Details

<b>College/Div/Centre</b>	Research and Innovation Portfolio	<b>Dept/School/Section</b>	National Infrastructure      Computational
<b>Position Title</b>	Senior Network Security Specialist	<b>Classification</b>	Senior Manager 1 (Specialist)
<b>Position No.</b>	39049	<b>Reference No.</b>	

In accordance with the Work Health and Safety Act 2011 (Cth) the University has a primary duty of care, so far as reasonably practicable, to ensure the health and safety of all staff while they are at work in the University.

- This form must be completed by the supervisor of the advertised position and appended to the back of the Position Description.
- This form is used to advise potential applicants of work environment and health and safety hazards prior to application.
- Once an applicant has been selected for the position they must familiarise themselves with the University WHS Management System via Handbook guidance <https://services.anu.edu.au/human-resources/health-safety/whs-management-system-handbook>
- The hazards identified below are of generic nature in relation to the position. It is not correlated directly to training required for the specific staff to be engaged. Identification of individual WHS training needs must be in accordance with WHS Local Training Plan and through the WHS induction programs and Performance Development Review Process.
- 'Regular' hazards identified below must be listed as 'Essential' in the Selection Criteria - see 'Employment Medical Procedures' at [http://info.anu.edu.au/Policies/\\_DHR/Procedures/Employment\\_Medical\\_Procedures.asp](http://info.anu.edu.au/Policies/_DHR/Procedures/Employment_Medical_Procedures.asp)

## Potential Hazards

TASK	regular	occasional	TASK	regular	occasional
key boarding	<input checked="" type="checkbox"/>	<input type="checkbox"/>	laboratory work	<input type="checkbox"/>	<input type="checkbox"/>
lifting, manual handling	<input type="checkbox"/>	<input type="checkbox"/>	work at heights	<input type="checkbox"/>	<input type="checkbox"/>
repetitive manual tasks	<input type="checkbox"/>	<input type="checkbox"/>	work in confined spaces	<input type="checkbox"/>	<input type="checkbox"/>
organising events	<input type="checkbox"/>	<input type="checkbox"/>	noise / vibration	<input type="checkbox"/>	<input type="checkbox"/>
fieldwork & travel	<input type="checkbox"/>	<input type="checkbox"/>	electricity	<input type="checkbox"/>	<input type="checkbox"/>
driving a vehicle	<input type="checkbox"/>	<input type="checkbox"/>			
<b>NON-IONIZING RADIATION</b>			<b>IONIZING RADIATION</b>		
solar	<input type="checkbox"/>	<input type="checkbox"/>	gamma, x-rays	<input type="checkbox"/>	<input type="checkbox"/>
ultraviolet	<input type="checkbox"/>	<input type="checkbox"/>	beta particles	<input type="checkbox"/>	<input type="checkbox"/>
infra red	<input type="checkbox"/>	<input type="checkbox"/>	nuclear particles	<input type="checkbox"/>	<input type="checkbox"/>
laser	<input type="checkbox"/>	<input type="checkbox"/>			
radio frequency	<input type="checkbox"/>	<input type="checkbox"/>	<b>BIOLOGICAL MATERIALS</b>		
<b>CHEMICALS</b>			microbiological materials	<input type="checkbox"/>	<input type="checkbox"/>
hazardous substances	<input type="checkbox"/>	<input type="checkbox"/>	potential biological allergens	<input type="checkbox"/>	<input type="checkbox"/>
allergens	<input type="checkbox"/>	<input type="checkbox"/>	laboratory animals or insects	<input type="checkbox"/>	<input type="checkbox"/>
cytotoxics	<input type="checkbox"/>	<input type="checkbox"/>	clinical specimens, including blood	<input type="checkbox"/>	<input type="checkbox"/>
mutagens/teratogens/carcinogens	<input type="checkbox"/>	<input type="checkbox"/>	genetically-manipulated specimens	<input type="checkbox"/>	<input type="checkbox"/>
pesticides / herbicides	<input type="checkbox"/>	<input type="checkbox"/>	immunisations	<input type="checkbox"/>	<input type="checkbox"/>
<b>Supervisor/Delegate Name:</b>				<b>Date:</b>	