Position Description

<table>
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<tr>
<th>College/Division:</th>
<th>Research and Innovation Portfolio</th>
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<tbody>
<tr>
<td>Faculty/School/Centre:</td>
<td>National Computational Infrastructure (NCI)</td>
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<td>Department/Unit:</td>
<td>National Computational Infrastructure (NCI)</td>
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<tr>
<td>Position Title:</td>
<td>Network Security Specialist</td>
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<tr>
<td>Classification:</td>
<td>ANU Officer Level 8 (Specialist)</td>
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<td>Position No:</td>
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<tr>
<td>Responsible to:</td>
<td>Senior Network Security Specialist</td>
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<tr>
<td>Number of positions that report to this role:</td>
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<td>Delegation(s) Assigned:</td>
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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 eResearch support organisations nationally.

The NCI 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 Network Security Specialist will work closely with other members of the Innovative Compute Environments team, as well as colleagues across NCI in particular members of the HPC, Cloud Systems, Storage Systems, and User Services teams. The 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 of the Senior Network Security Specialist:

- 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 the NCI Network Security team and deliver the network and security 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 Networking and Security as they relate to HPC and share with other members of the team.
• Comply with all ANU policies and procedures, and in particular those relating to work health and safety and equal opportunity
• Other duties as required consistent with the classification of the position.

**SELECTION CRITERIA:**

1. Progress towards postgraduate qualifications with relevant specialist experience or extensive experience in a specialised environment and specialist expertise or an equivalent combination of relevant experience in a specialised 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 High Performance Computing environment.
6. Demonstrated ability to manage a small team of highly skilled networking and/or security professionals.
7. Proven ability to work under pressure, meet deadlines and prioritise workloads.
8. A demonstrated high level understanding of equal opportunity (EO) principles, and a commitment to the application of EO policies in a university context.

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.

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<tr>
<th>Supervisor/Delegate Signature:</th>
<th>Date:</th>
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<tr>
<td>Printed Name:</td>
<td>Uni ID:</td>
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**References:**

- **Professional Staff Classification Descriptors**
- **Academic Minimum Standards**

For assistance please contact HR Division Ph. 6125 3346