

Position Description – Senior Network Engineer

Position Details

Position Title:	Senior Network Engineer
Position Number:	tba
Portfolio:	Resources
School/Group:	Information Technology Services
Campus Location:	Based at the Melbourne campus but may be required to work and/or be based at other campuses of the University.
Classification:	Hew 8
Employment Type:	Permanent
Time Fraction:	Ongoing

RMIT University

RMIT is a global university of technology and design, focused on creating solutions that transform the future for the benefit of people and their environments.

One of Australia's original educational institutions founded in 1887, RMIT University now has 82,000 students including 12,000 at postgraduate level.

The University enjoys an international reputation for excellence in professional and practical education, applied and innovative research, and engagement with the needs of industry and the cities in which we are located.

With three campuses in Melbourne (Central Business District, Brunswick and Bundoora), two in Vietnam (Hanoi and Ho Chi Minh City) and a centre in Barcelona, Spain, RMIT is a truly global university. RMIT also offers programs through partners in Singapore, Hong Kong, mainland China, Indonesia, Sri Lanka, Belgium, Germany, Austria and The Netherlands, and enjoys research and industry partnerships on every continent.

RMIT prides itself on the strong industry links it has forged over its 128-year history. Collaboration with industry is integral to the University's leadership in applied research and education, and to the development of highly skilled, globally focused graduates.

We are a 5-Star university under the QS Stars international evaluation system, and are 32nd in the world among universities less than 50 years old (2014 QS Top 50 Under 50 index).

RMIT features among the world's top 200 institutions in 13 of the 30 subject areas in the 2015 QS subject rankings. We are among the world's top 100 universities in Art and Design; Architecture and the Built Environment; Engineering (Civil and Structural; Electrical and Electronic; and Mechanical, Aeronautical and Manufacturing); Computer Science; and Business and Management Studies.

Information Technology Services

Information Technology Services (ITS) provides RMIT University with Information and Communication Technology systems and services. Our role is to support RMIT's high quality teaching, learning, research and administrative activities.

Information Technology is of increasing importance to the research, teaching and learning life of a university, particularly a 'global university of technology and design' like RMIT. ITS has developed, in conjunction with the broader University, an ICT Plan to 2020. This plan highlights five goals for ICT within RMIT. They include:

1. Best in class digital student experience – Invest in new technologies which transform the student experience and underpin the digital strategy
2. Innovative and efficient Service Integrator – Reposition the ICT function to source and manage services more efficiently and to focus on business outcomes through innovation
3. Elegant global service experience and systems – Move to single global systems and processes which enable the global operating model
4. Data to fuel differentiation & decisions – Ensure quality data and integrated systems are available to support data based decision making, and enable personalised and contextualised services
5. Simple & secure technology foundations – Ensure foundation technology is simplified, free of duplication, and secure

ITS has an essential role to play in realising these goals.

The Global Networks Team provides expert knowledge and thought leadership in supporting the RMIT Network and Telephony Infrastructure in alignment with the ITS strategic vision. The Global Networks Team is a part of University Operations and is accountable for:

- Supporting and Maintaining the Network and Telephony Infrastructure
- Providing consistent strategic guidance.
- Identify opportunities to improve processes and efficiencies.

The Senior Network Engineer Role is within the ITS University Operations Global Networks Team.

<http://www.rmit.edu.au/its>

Position Summary

The Senior Network Engineer will provide support and thought leadership for the Global Networks Team. The Senior Network Engineer will perform a lead role in the management of fault resolution for Network related technologies and where escalation is required seek external vendor support.

The Senior Network Engineer is an expert advisor to the Global Networks Team and coaches and mentors other Engineers within the team.

Reporting Line

Reports to: Team Lead, Global Networks

Direct reports: Nil

Organisational Accountabilities

RMIT University is committed to the health, safety and wellbeing of its staff. RMIT and its staff must comply with a range of statutory requirements, including equal opportunity, occupational health and safety, privacy and trade practice. RMIT also expects staff to comply with its policy and procedures, which relate to statutory requirements and our ways of working.

Appointees are accountable for completing training on these matters and ensuring their knowledge, and the knowledge of their staff, are up to date.

Key Accountabilities

- Collaborate with business stakeholders to understand the business requirements and business value of the initiative(s) and act as an advocate for achieving this;

- Collaborate with external and internal partners to provide an ongoing contribution towards the Global Network roadmap;
- Act as a trusted advisor in the effective use of Network Technologies to achieve business outcomes;
- Collaborate with the ITS CTO practice to ensure the overall architectural roadmap is in alignment with the organisational strategy, Enterprise Architecture and ICT Plan;
- Collaborate with key stakeholders to support delivery outcomes;
- Contribute to the effective management of risks and issues associated with infrastructure design;
- Develop and maintain close working relationships across RMIT ITS, business stakeholders and external parties;
- Maintain depth of knowledge and understanding of key industry trends and the range of vendor solutions available for delivery of infrastructure services in a large, complex environment.
- Designing, monitoring and supporting LAN/WAN to provide effective, reliable and secure transport of communication.
- Troubleshoot problems with Network Infrastructure and make corrective actions when necessary.

Key Selection Criteria

- 7+ years of experience in leading, designing, deploying and optimising scalable Enterprise and Data Center solutions.
- Design, configure, and maintain enterprise network infrastructure including LAN, WAN, wireless, Security and cloud networks, extensive experience with equipment from Cisco, Aruba, Arista products.
- Advanced proficiency with Routing and Switching technologies such as BGP, OSPF, Spanning-tree, VPN etc.
- Experience In large and complex projects, particularly focusing on ACI Multisite/Multipod, NextGen DC, VXLAN, Nexus Dashboard.
- Proficiency in Cloud Solutions (AWS, Azure)
- Exceptional communication skills, capable of translating complex technical issues for both executive and non-technical audiences
- Proficient in documentation, technical writing, and reporting
- Experience in large-scale automation deployment project by Automation tools, proficiency in Ansible, Python, Bash shell and Terraform scripts.
- Familiarity with CI/CD toolchains, DevOps principles, IoC, Kubernetes Cluster, YAML, Git, Linux CLI as well as the ability to work with various programming languages (Python, PowerShell).
- Experience in developing, maintenance, managing and operate the automation platform.
- Understanding of AI principles, tools and use cases,
- Awareness of third-party products/solutions in Network, DC and related technologies
- Proven experience in Routing, Switching and Citrix NetScaler Load Balancers at a CLI level
- Demonstrated understanding of Large-Scale Aruba AOS8/AOS10 Wireless Technology or equivalent.
- Experience in networking tools such as SolarWinds, Splunk and Elastic.
- Demonstrated experience in Infrastructure Solution Design including (but not limited to) Network, Security and Cloud Based Services.
- Demonstrated ability to build effective relationships in a collaborative and engaging manner with a broad range of internal and external stakeholders.
- Demonstrated ability to influence and negotiate effectively with a broad range of internal and external stakeholders.
- Demonstrated understanding of working in complex environments.
- Demonstrated ability to work effectively under pressure and prioritise activities;
- Demonstrated superior analytical, communication and technical documentation skills.

Qualifications

Degree in Information Technology, and/or related Vendor Certifications.

- CCNP or CCIE level certifications - highly desirable

Endorsed:	Signature: Name: Title: Date:	Approved:	Signature: Name: Title: Date:
------------------	--	------------------	--