Position Description

Network Engineer

Position No:	50151419
Business Unit:	Chief Operating Officer (COO)
Division:	Information Systems
Department:	Digital Workplace Services
Classification Level:	HEO7
Employment Type:	Full-Time, Continuing
Campus Location:	Bendigo, Victoria
Other Benefits:	http://www.latrobe.edu.au/jobs/working/benefits

Further information about:

La Trobe University - http://www.latrobe.edu.au/about

Position Context/Purpose

The **Network Engineer** at La Trobe University is a pivotal technical role responsible for the design, implementation, and maintenance of the university's **Cisco network infrastructure**. Reporting to the Network Infrastructure Manager, this position contributes significantly to the reliability, scalability, and performance of the network, employing industry best practices and advanced technical expertise in a Cisco environment. A **Cisco certification** would be highly desirable for this role, further demonstrating expertise in managing Cisco systems.

The Network Engineer also plays a crucial role in driving network innovation, strategic planning, and coordination to ensure alignment with university objectives and industry standards. Additionally, this position is part of the **on-call roster**, requiring the engineer to be available for addressing urgent network issues and ensuring continuous uptime.

Duties at this level will include:

Network Design and Implementation
- Being involved with the design and implementation of Cisco network solutions, including routers, switches, and other network devices, to meet the university's requirements and industry standards.
- Configure and deploy Cisco networking technologies, such as Cisco Catalyst switches, ISR routers, and Nexus data centre switches, ensuring optimal performance and reliability.

Network Optimisation and Performance Management
- Proactively monitor and optimise the performance of the Cisco network infrastructure, leveraging Cisco IOS, IOS-XE, and NX-OS platforms to identify and address performance bottlenecks and issues.
- Utilise Cisco network monitoring tools, such as Cisco DNA Centre, Cisco Spaces to gather performance data, analyse trends, and implement optimisations for enhanced network efficiency.

Collaboration
- Collaborate with cross-functional teams, including IT operations, security, and applications, to integrate Cisco network solutions and support university initiatives.

Technical Expertise and Innovation
- Stay abreast of emerging Cisco technologies and industry trends, such as Cisco Software-Defined Networking (SDN), intent-based networking (IBN), and network automation, to drive innovation and continuous improvement in the Cisco network environment.
- Provide expert technical guidance and recommendations to enhance Cisco network architecture, security posture, and operational efficiency.

Documentation and Knowledge Sharing
- Maintain comprehensive documentation of Cisco network configurations, topologies, and operational procedures, ensuring accuracy and accessibility for team members and stakeholders.
- Share knowledge and best practices with colleagues, fostering a culture of continuous learning and improvement in Cisco network operations and management.

Essential Criteria

Skills and knowledge required for the position
- Advanced knowledge of Cisco network architecture principles, routing and switching protocols (e.g., OSPF, BGP), and Cisco IOS software.

- Proficiency in configuring and managing Cisco networking technologies, including Cisco Catalyst switches, ISR routers, Nexus data centre switches, and Cisco wireless solutions.
- Experience with Cisco network monitoring and management tools, such as Cisco Spaces, Cisco DNA Centre, and Cisco Identity Services Engine (ISE), is desirable.
- Cisco certification (such as CCNA, CCNP, or equivalent) would be highly desirable.
- Excellent communication and interpersonal skills, with the ability to collaborate effectively with technical and non-technical stakeholders.
- Strong problem-solving and analytical skills, with a focus on delivering practical solutions to complex Cisco network challenges.
- Commitment to professional development and continuous learning in the field of Cisco networking and information technology.
- An undergraduate degree in any area relevant to the position with at least 4 years subsequent experience; or extensive experience and management expertise; or an equivalent alternate combination of relevant knowledge, training and/or experience.

Capabilities required to be successful in the position

- Expertise in Cisco network design, implementation, and optimisation to ensure the reliability, scalability, and performance of the university's network infrastructure.
- Collaboration and teamwork to work effectively with cross-functional teams and contribute to university-wide initiatives in Cisco networking.
- Innovation and creativity to explore new Cisco technologies and solutions that enhance network performance, security, and agility.
- Communication and knowledge sharing to document Cisco network designs, troubleshoot issues, and share expertise with colleagues and stakeholders.
- Adaptability and resilience to thrive in a dynamic and evolving Cisco network environment, with a focus on delivering high-quality results and customer satisfaction aligned with industry standards.
- Willingness and availability to participate in an **on-call roster**, providing out-of-hours support when necessary to maintain the stability and security of the network.
- Have valid Victorian Driving license and willingness to travel for Latrobe campuses within Victoria (Bundoora, Bendigo, Shepperton, Albury-Wodonga, Mildura).

Essential Compliance Requirements

To hold this La Trobe University, position the occupant must:

- hold, or be willing to undertake and pass, a Victorian Working With Children Check; AND
- take personal accountability to comply with all University policies, procedures and legislative or regulatory obligations; including but not limited to TEQSA and the Higher Education Threshold Standards.

Other Information

The position description is indicative of the initial expectation of the role and subject to changes to University goals and priorities, activities or focus of the job.

Position Flexibility

We offer flexible work arrangements that can assist you in balancing your work and other responsibilities.

Why La Trobe:

- Develop your career at an innovative, global university where you'll collaborate with community and industry to create impact.
- Enjoy working on our inspiring and stunning campuses – the perfect hub for industry, students and academics
- Help transform the lives of students, partners and communities now and in the future

This is more than just a job. Working at La Trobe offers opportunities to demonstrate excellence and transform lives.

Here, you'll join exceptional people, partners and communities, who power our operations with ambition and purpose.

Our success can be attributed to its strong sense of community. We have a long-standing commitment to diversity, inclusion and social justice; we are committed to providing a workplace where all staff feel valued, respected and supported to achieve their full potential. We strive to build a workplace where all employees of diverse backgrounds, abilities, experiences, sexuality, gender, religion and age are welcome, valued, respected and one that is representative of our community. We demonstrate our cultural qualities by holding ourselves accountable and creating a culture of trust and innovation while genuinely caring for one another.

La Trobe's Cultural Qualities:

WE ARE CONNECTED
We are **connected** to each other and the communities around us. We engage with those communities to learn from our past, inform our present and impact our future.

WE ARE INNOVATIVE
We are **innovative** in tackling the most important issues of our time. We are inquisitive and seek to develop new ideas that positively impact the way we work and the world around us.

WE ARE ACCOUNTABLE
We are **accountable** for what we do and share a commitment to excellence. We are courageous and respectful in the way we hold ourselves and each other to account.

WE CARE
We **care** about what we do and value the power of education and research. We care about each other and strive to create a safe and inclusive community.

For Human Resource Use Only

Initials: Date: