

Job description

Title	Senior Network Engineer
Number	NEW
Group	Corporate Services
Division	Digital Services
Reports to	Platform Manager (Connectivity & Defence)
Direct reports	N/A
Date	24/11/2023

Job holder commitment

The job holder accepts as a fundamental requirement of their employment that they must demonstrate a personal commitment to:-

- modelling organisational values at all times
- a safe and healthy work environment
- assisting Council to fulfil its Civil Defence responsibilities

At TCC we uphold the principles of Te Tiriti o Waitangi by engaging in an effective and meaningful partnership with tangata whenua. We are committed to developing our knowledge and understanding of te reo Māori, tikanga Māori, Mātauranga Māori and our partnership with tangata whenua.

Job purpose

The primary purpose of this role is to manage the planning, configuration, installation, systems management, and coordination of the Councils enterprise network infrastructure, including LAN, WAN, Tauranga Metro Network, Wireless, Firewall, switching as well as providing advanced technical support. This role will also serve as an escalation point within the team, and provide guidance and mentoring to the other engineers.

Key outcomes

Manage network Infrastructure	<ul style="list-style-type: none"> • Ensure all systems are operationally sound, inclusive of availability, security, capacity, performance and redundancy service measures. • Develop, and maintain procedures for area network administration in collaboration with technical leads • Provide advanced level technical support for data networks including configuration, performance, and security.
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	<ul style="list-style-type: none"> • Lead management and design of Tauranga Metro Network (TCC's MAN), including liaising with stakeholders and suppliers • Lead management, planning, configuration and maintenance of network equipment including APs, switching, routers, proxy servers, switches, WAN, DNS and DHCP, firewalls • Ensure documentation is produced on network topology and systems. • Work with Digital Product Owners to identify, scope, design, refine and size network tasks ready for sprint delivery. • Actively contribute to continuous improvement initiatives within the Network team. • Act as a technical escalation point for Network Engineers • Design and implement flexible, enterprise-grade solutions aligned with business requirements and industry practices • Develop and maintain comprehensive backup and recovery strategies for network equipment, ensuring compliance to TCC data integrity and business continuity requirements.
<p>Shared accountability and collaboration to achieve organisational outcomes</p>	<ul style="list-style-type: none"> • Guidance, mentoring, and coaching is provided to team members, minimising single point dependencies. • Internal and external professional relationships are developed. • Actively support Agile, DevOps and collaborative working methods. • Actively participate in guilds and other forums. • Support external vendors with work undertaken for TCC. • Openly collaborate with other teams across Digital Services, seek and provide both guidance and support.

The job description is not an exhaustive list of requirements, the job holder will be required to perform tasks assigned to them that are not explicitly described in this document.

Person specifications

<p>Essential</p>
<ul style="list-style-type: none"> • Tertiary qualification to degree level in Information Technology or an equivalent level of learning gained through experience. • 5 + Years of Experience in relative role. • 2 + Years of Experience working in ITIL, Agile, DevOps delivery models.

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- Professional industry certification(s) in network infrastructure environments – planning design, and implementation such as CCNA, CompTIA Network+, Cisco Meraki Solutions Specialist (CMSS) etc
- Experience supporting network operating systems including but not limited to Palo Alto, and Meraki, monitoring and management tools
- To successfully deliver our Digital Strategy, there will be a requirement for you to adopt a flexible approach to your hours of work, to be able to respond to alerts and/or responses between the hours of 6.00am – 6.00pm, Monday to Sunday inclusive.

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Our values

Pono / Integrity

We do what we say we will do

Manaakitanga / Respect

We listen to all views and show we care

Whāia te tika / Service

We do the right thing for our community
and each other

Whanaungatanga / Collaboration

We work together and create connections