

Linux Engineer

Function:	Digital
Reports to:	Digital Operations Manager
Location:	Hawke's Bay
Arrangement:	Full-time, permanent
Date:	July, 2026

Pūtake | Purpose

The Linux Engineer is responsible for maintaining, securing, and continually improving EIT's Linux-based infrastructure and associated enterprise platforms. The role provides technical ownership of Linux systems and services, ensuring reliability, performance, security, and availability of critical digital services that support learning, teaching, and organisational operations.

The role contributes to organisational sustainability and trust through proactive systems management, lifecycle maintenance, patching, automation, security hardening, and operational excellence. Working closely with Digital colleagues, vendors, and stakeholders, the Linux Engineer ensures EIT's Linux environment remains resilient, well-managed, and aligned with cybersecurity, business continuity, and strategic objectives.

The position will have a particular focus on Linux operating systems, including Red Hat Enterprise Linux and Rocky Linux, enterprise application platforms, automation technologies, database platforms, and supporting infrastructure, while maintaining awareness of Microsoft technologies and cloud services used across the wider EIT environment.

Ngā Whanaungatanga | Working Relationships

Internal:	Digital, EDC, People Culture & Wellbeing, EIT ākonga and kaimahi
External:	Computer Hardware / Software / Services Suppliers

Mana Whakahaere | Resource Delegations

Financial:	Not applicable
People:	Not applicable

Kawenga Mahi | Accountabilities

Linux Platform Ownership, Support & Reliability

- Take technical ownership of EIT's Linux server infrastructure and associated enterprise applications.
- Develop, maintain and improve infrastructure automation using Ansible and other approved automation tools.
- Ensure Linux systems are secure, reliable, highly available, and fit for purpose.
- Provide second- and third-level technical support for Linux-based systems and applications.
- Monitor server performance, health, capacity, and availability, proactively addressing issues before they impact service delivery.
- Maintain monitoring, alerting, and health reporting for Linux infrastructure, enterprise applications, and associated services.
- Monitor and support backup processes for Linux infrastructure, enterprise applications, and associated databases, ensuring successful recovery when required.
- Maintain system configurations, operational procedures, and technical documentation.
- Participate in on-call and after-hours support arrangements as required.
- Perform Linux server administration including installation, configuration, performance tuning, and troubleshooting.
- Manage Red Hat Enterprise Linux, Rocky Linux, and other supported Linux distributions within the EIT environment.

Patch Management, Security & Compliance

- Work collaboratively with the Security Engineer and vendors to identify, assess, prioritise and remediate vulnerabilities and security risks affecting Linux infrastructure and associated platforms.
- Manage vulnerability remediation activities for Linux operating systems, enterprise applications and supporting infrastructure in accordance with EIT risk and security requirements.
- Maintain current patch levels across Linux operating systems and associated software platforms.
- Develop and implement patching, maintenance, and upgrade schedules that minimise operational risk and service disruption.
- Apply security hardening and configuration standards aligned with EIT cybersecurity policies and industry best practice.
- Monitor, assess, and remediate security vulnerabilities and system risks.
- Investigate security incidents and assist with remediation activities where required.
- Support audits, reviews, compliance activities, and security assurance processes.
- Contribute to disaster recovery, backup, and service restoration planning and testing.

Enterprise Application & Database Administration

- Support, maintain and improve enterprise platforms including learning management systems, library systems, authentication and proxy services, and other Linux-hosted applications.
- Administer and troubleshoot Red Hat Enterprise Linux environments and related services.
- Administer and support MariaDB and Oracle database environments, including performance monitoring, maintenance, backup and troubleshooting.
- Work with application owners and vendors to ensure enterprise platforms remain stable, secure, and supported.
- Coordinate application upgrades, migrations, and lifecycle management activities in conjunction with application owners.
- Identify opportunities to improve platform resilience, performance, and user experience.

Hybrid Infrastructure & Cloud Enablement

- Work collaboratively with Systems Engineers, Networking Engineers, and vendors to support integrated infrastructure solutions.
- Maintain a working knowledge of Microsoft Windows Server, Active Directory, Microsoft 365, and hybrid technologies.
- Assist with administration and support of Microsoft Azure services where required.
- Ensure Linux systems integrate effectively with Microsoft-based platforms and identity services.
- Participate in troubleshooting incidents involving infrastructure, networking, cloud, and application services.

Collaboration, Advice & Capability

- Build effective working relationships with kaimahi, vendors, and technology partners.
- Provide practical technical advice and recommendations to stakeholders.
- Share knowledge and contribute to capability development within the Digital team.
- Maintain professional capability through ongoing learning across Linux, automation, cloud services, databases, cybersecurity, and enterprise infrastructure technologies.
- Contribute to technology standards, documentation, and operational maturity across the Digital environment.

General Responsibilities:

- Comply with EIT policies and procedures.
- Contribute to a healthy workplace by implementing safe work practices and strategies to effectively manage personal wellbeing.
- Undertake additional responsibilities and tasks relevant to this position as requested by the manager.

Demonstrate commitment to:

Te Tiriti o Waitangi: Through our developing understanding of our obligations and our connection with Te Tiriti o Waitangi as both individuals and as an organisation.

Ākonga at the Centre: Through prioritising the experience, wellbeing, and success of our ākonga in our decision-making process.

Equity: Through recognition, empowerment, and inclusion we can give greater acknowledgement of the unmet needs of Māori, Pacific and disabled ākonga and their whānau.

Vocational Education and Training Excellence: Through quality provision for all ākonga, meeting the regional needs of employers and communities.

Pūkenga, Wheako, Mōhiotanga, Tohu Mātauranga | Skills, Experience, Knowledge and Qualifications

Essential

- Relevant tertiary qualification and/or industry certifications.
- 3-5 years' experience in Linux systems administration or infrastructure engineering roles.
- Strong experience administering enterprise Linux environments, particularly Red Hat Enterprise Linux and other enterprise Linux distributions.
- Experience with Linux patch management, security hardening, and lifecycle management.
- Experience supporting Linux-hosted learning platforms or enterprise applications.
- Experience with Ansible or other infrastructure automation tools.
- Experience administering MariaDB and/or Oracle database platforms.
- Strong troubleshooting and problem-solving skills.
- Knowledge of information security principles and secure system configuration.
- Experience providing second- and third-level technical support.
- Understanding of networking fundamentals including TCP/IP, DNS, firewalls, routing, and switching.

Desirable

- Experience supporting Linux-hosted enterprise applications such as Moodle, library systems, authentication services, or similar platforms.
- Experience supporting Apache, Tomcat, web-based application platforms, proxy services or similar middleware technologies.
- Experience with Microsoft Windows Server environments.
- Experience with Microsoft SQL Server environments.
- Experience with Microsoft Azure services and hybrid infrastructure.
- Experience with virtualization platforms and storage technologies.
- Knowledge of scripting languages such as Bash, Python, or PowerShell.
- RHCSA, RHCE, Azure, ITIL, or similar industry certifications.

Ngā Uara o Te Aho a Māui | Values of EIT

Herea te momoho | Inspire success:

- Support continuous learning and improvement through collaboration.
- Encourage innovation and challenge existing ways of working to achieve better outcomes.
- Recognise and celebrate the achievements of ākonga, kaimahi, and whānau.

Herea te tangata | Nurture whanaungatanga:

- Build and maintain genuine relationships through manaakitanga, care, respect, and generosity.
- Honour wairuatanga by recognising and respecting diverse identities, perspectives, and needs.
- Work collaboratively in service of ākonga and communities, demonstrating kotahitanga to achieve shared goals and outcomes.

Herea te mana | Act with integrity:

- Act with honesty and integrity, doing what is tika and pono, even when it is not easy.
- Uphold the mana of others through respectful, trustworthy, and principled interactions.

Herea te pono | Be committed:

- Make sustained contributions toward shared goals and outcomes, aligned to a collective kaupapa.
- Take accountability for actions, impact, successes, and challenges.
- Maintain personal wellbeing and support the oranga of others to remain resilient in times of change.

Document information – Office use only	
Document Name	Position Description
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Developer	People and Culture Advisor
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