Michael Wadman

SENIOR NETWORK ENGINEER

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Summary

- Motivated professional who thoroughly enjoys the challenges that the industry brings.
- Strategic thinker with strong problem solving and analytical skills.
- Strong team player and quick learner, with the ability to adapt to changing business situations.
- Juniper and Cisco certified with hands on experience in both enterprise and service provider network hardware.

Work Experience

New Zealand Government   *Blenheim, New Zealand*
SENIOR NETWORK ENGINEER   November 2019 — Present

- Management of large network projects, including MPLS WAN implementation and VXLAN/EVPN data center migration.
- Technical lead on multi-organisation private cloud project based on Azure.
- Lead monitoring, logging and management system refresh project.
- Developing configuration management code and tools, and pioneering adoption throughout the organisation.
- Definition and documentation of network architecture and protocol standards.

NETWORK ENGINEER   July 2017 — October 2019

- Responsible for maintenance, monitoring and troubleshooting of all network equipment.
- Writing and leading internal technical training courses on networking, automation and Linux topics.
- Design, testing and implementation of data center network for private cloud deployment based on OpenStack.
- Provided network and systems engineering expertise towards successful implementation of a multi-million dollar all-of-government IT project.

2degrees Enterprise   *Christchurch, New Zealand*
SENIOR MANAGED SERVICES ENGINEER   October 2016 — June 2017

- Escalation point for difficult technical queries or ongoing issues from other team members.
- Provided design assistance and expertise for other internal teams.
- Technical assessment and delegation of incoming tickets to team members.
- Wrote and provided technical training for new engineers in both presentation or lab format.

MANAGED SERVICES ENGINEER   March 2014 — September 2016

- Design, implementation and support of all services; including customised managed LAN, WAN and internet solutions.
- Ensured SLAs were met consistently, including for high availability customers such as Christchurch DHB, Waimakariri District Council and Lyttleton Port Company.
- Wrote and maintained technical documentation for both internal and external use.
- Troubleshot complex performance and routing issues to resolution.
- Continuous professional development and maintenance of technical certifications.

Snap Internet   *Christchurch, New Zealand*
SERVICE CENTER TECHNICIAN   April 2013 — February 2014

- Provided technical, provisioning and billing assistance for Snap Internet's residential and small business customer base.
- Training of new technical staff in current and new technologies.

Qualifications

2019	**JNCIA-DevOps**	Juniper Networks Certified Industry Associate — Automation and DevOps
2017	**CCNP-E**	Cisco Certified Network Professional — Enterprise Core *(Expired)*
2016	**JNCSP-ENT**	Juniper Networks Certified Support Professional — Enterprise *(End of Life)*
2016	**JTNOC**	Juniper Troubleshooting in the NOC *(End of Life)*
2016	**ACWA**	Aerohive Certified Wireless Administrator *(End of Life)*
2016	**JNCIP-ENT**	Juniper Networks Certified Industry Professional — Enterprise *(Expired)*
2015	**JNCIS-SEC**	Juniper Networks Certified Industry Specialist — Security *(Renewed 2019)*
2015	**JNCIS-SP**	Juniper Networks Certified Industry Specialist — Service Provider *(Expired)*
2014	**JNCIS-ENT**	Juniper Networks Certified Industry Specialist — Enterprise *(Expired)*
2014	**JNCIA**	Juniper Networks Certified Industry Associate *(Renewed 2019)*
2014	**CCNA**	Cisco Certified Network Associate *(Renewed 2020)*

Skills Summary

- Routing protocols (RIP, OSPF, BGP, IS-IS).
- Ethernet/Switching protocols (VLAN, STP, QoS, LLDP, 802.1ad).
- MPLS and VPNs (LDP, RSVP, L2VPN, L3VPN, VPLS).
- Data Center protocols (VXLAN, EVPN).
- Security protocols and concepts (ACL, VPNs, NAT, 802.1x).
- Redundancy/Resiliency protocols (VRRP, BFD).
- Multi-vendor, multi-platform knowledge (Juniper EX, SRX and MX; Cisco Catalyst, Nexus and ASA; Cumulus; Dell; Palo Alto; Brocade).
- Automation languages, tools, concepts and protocols (Git, Python, Ansible, NETCONF, RESTCONF).
- Monitoring and logging tools (LibreNMS, Fluent, Loki, Prometheus, Thanos, Grafana).
- Linux (Debian and Redhat families) and Containers (Docker, Compose, Swarm).
- Private cloud (OpenStack).

References

Provided upon request.