

Michael Wadman

SENIOR NETWORK ENGINEER

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Summary

- Motivated network 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 situation.
- Juniper and Cisco certified with hands on experience with both enterprise and service provider network hardware.

Work Experience

New Zealand Government

Blenheim, New Zealand

SENIOR NETWORK ENGINEER

November 2019 – Present

- Management of current and upcoming network projects, including MPLS WAN implementation and VXLAN/EVPN data center migration.
- Leading network management and monitoring system refresh project.
- Definition and documentation of network design and protocol standards for the organisation.
- Pioneering the use of network automation concepts and tools throughout the organisation.

NETWORK ENGINEER

July 2017 – October 2019

- Responsible for maintenance, monitoring and troubleshooting of all network equipment.
- Writing and leading internal technical training courses, on topics such as networking, automation and Linux.
- Design, testing and implementation of data center network for OpenStack cloud deployment.
- 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

2014	CCNA Cisco Certified Network Associate (<i>Renewed 2016</i>)
2014	JNCIA Juniper Networks Certified Industry Associate (<i>Renewed 2019</i>)
2014	JNCIS-ENT Juniper Networks Certified Industry Specialist — Enterprise (<i>Expired</i>)
2015	JNCIS-SP Juniper Networks Certified Industry Specialist — Service Provider (<i>Expired</i>)
2015	JNCIS-SEC Juniper Networks Certified Industry Specialist — Security (<i>Renewed 2019</i>)
2016	JNCIP-ENT Juniper Networks Certified Industry Professional — Enterprise (<i>Expired</i>)
2016	ACWA Aerohive Certified Wireless Administrator (<i>End of Life</i>)
2016	JTNOG Juniper Troubleshooting in the NOC (<i>End of Life</i>)
2016	JNCSP-ENT Juniper Networks Certified Support Professional — Enterprise (<i>End of Life</i>)

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 (Python, Ansible, SaltStack, NETCONF, RESTCONF).
- Private cloud (OpenStack, Kubernetes).
- Linux (Debian and Redhat families) and Containers (Docker, Kubernetes).

Other Education

2013	NCEA Level 3 and University Entrance — Christchurch Boys High School
2016	New Zealand Full Drivers Licence
2017	ICAgile Certified Professional Agile Project Management (Kanban, Scrum, XP)

References

Provided upon request.