

# Michael Wadman

SENIOR NETWORK ENGINEER

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## Summary

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- Motivated professional who thoroughly enjoys the challenges that the industry brings.
- Strategic thinker with strong problem solving and analytical skills.
- Strong technical leader, team player and quick learner, with the ability to adapt to changing business situations.

## Work Experience

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### New Zealand Government

SENIOR NETWORK ENGINEER

*Blenheim, New Zealand*

November 2019 – Present

- Technical lead on Azure based multi-organisation private cloud project, involving creation and prioritisation of architecture roadmap, solutions design, and management of engineering resource.
- Providing technical leadership and expertise to large and/or complex projects, including VXLAN/EVPN data center migration and network monitoring, logging and management systems refresh.
- Developing configuration management code and tools, and pioneering adoption throughout the organisation.
- Definition and documentation of 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 the topics of networking, automation and Linux.
- Design, testing and automation of data center network integration for OpenStack based private cloud deployment.
- Provided network and systems engineering expertise towards successful implementation of a multi-million dollar all-of-government IT project.

### 2degrees Enterprise

SENIOR MANAGED SERVICES ENGINEER

*Christchurch, New Zealand*

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.
- Mentored and wrote technical training for new engineers.

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

SERVICE CENTER TECHNICIAN

*Christchurch, New Zealand*

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.

## Skills Summary

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- 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 QFX, 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).
- Containers (Docker, Compose, Swarm).
- Cloud (OpenStack, Azure Stack Hub).

## Qualifications

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

## References

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Provided upon request.