

# 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 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

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### New Zealand Government

SENIOR NETWORK ENGINEER

*Blenheim, New Zealand*

November 2019 – Present

- Management of large network projects, including MPLS WAN implementation and VXLAN/EVPN data center migration.
- 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 OpenStack 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.
- 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

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.

## 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>JTNOC</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>Renewed 2020</i> )                                |

## 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 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

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Provided upon request.