

MORGAN HODGSON

Net Working Student

About Me

Passionate Networking Student at Wintec with project experience in designing and configuring a dual-stack IPv4 and IPv6 multi-VLAN network. I recently completed a project involving a small network connected across three VLANs. I configured inter-VLAN routing, using sub-interfaces on the router, and implemented security measures such as port security and DHCP snooping with trusted interfaces.

I believe in continuous learning and seeking new challenges to advance my current knowledge.



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Ruakiwi Rd, Hamilton Lake

Language

- English
- NZ Citizen

Expertise

- Networking Hardware
- Server Management
- Azure Cloud skills
- Computer Hardware
- Microsoft Products

Volunteering

Multiple years (2015-2019) spent working, caring, cleaning and looking after different animals. With SPCA. Also one year Delivering warm meals to the elderly with Meals on Wheels.

Technical Skills

- **Networking** : Knowledge of routers, switches, firewalls, and network interface cards (NICs). Routing and Switching, VLANs, VPNs, Network Security, Wireless Networks
- **Cloud Computing**: Virtualization (VMware, Hyper-V), Firewall Management
- **Microsoft Azure** : Experience with creating and managing Resource Groups , Virtual Machines, Storage tiers, Vnets, Network Security Groups, Azure AD, Web Apps, Monitoring and Alerts.
- **Server Management**: Experience with installing, configuring, and maintaining servers, including hardware upgrades and RAID configurations.
- **Peripheral Devices**: Familiarity with installing and troubleshooting printers, scanners, and other peripheral devices.
- **Storage Devices**: Understanding of different types of storage devices (HDDs, SSDs, NAS, SAN) and their installation and configuration.

Education

Bachelor of Science in Applied Information Technology
[Wintec], [Hamilton]
[2022] - [2025]

- Relevant coursework: Network Fundamentals, Operating Systems, Systems Administration, Cloud Computing, Programing Fundamentals, SQL Database Management, Website Development, Microsoft 365
- **GPA**: [A+ Average]
- **CompTIA** : A+ Certified Professional IT Technician.
- **CompTIA** : Network+ Certified Professional.

Projects

- **CCNA Network Case Study Project**
- Designed and implemented a scalable network architecture for a mock enterprise environment.
- Conducted a thorough needs analysis and developed a detailed network plan including IP addressing, subnetting, and VLAN configuration.
- Utilized Cisco Packet Tracer to simulate and test network performance and reliability.
- **Microsoft Azure Case Study Project**
- Designed and applied knowledge of Cloud Datacenter technologies, including Configuring VMs, Hardware/Software/Application Services and administration groups.
- Setup a complete working Cloud based solution for a medium-sized business, networking needs.