

Willie De Klerk

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I am passionate about networking, and I like using my skills to allow for scalability, availability, and security. I believe teamwork makes the dream work. Project success is often easier obtained through horizontal scaling rather than through vertical scaling.

Projects

COS731 FA2 | 2025 APRIL – 2025 APRIL

Topic E. Linux configuration management with Ansible. (Group Work)

A project related to my third-year studies at ctu. In this project we have implemented agentless configuration management of Linux Virtual Machines on Microsoft Hyper-V through Ansible. The virtual machines are deployed onto Hyper-V with PowerShell scripts.

NET622 FA2 | 2024 – 2024

Application of OSPF Authentication methods.

Within our research report we have outlined the various methods of authentication supported by OSPF version 2 and OSPF version 3. Additionally, we have included proposed strategies for the practical application of authentication using Cisco Systems networking device operating systems.

Work Integrated Learning (WIL620) | 2024 – 2024

Project Mentorship: Ronald Bartels technical Director at Nepean Networks.

- Visualizing diagnostic path-based information with regards to packet hops and identifying infrastructure along the path.
- Demonstrating a fundamental understanding of network overlay technologies. (GRE, IPsec, and MPLS).
- OpenWRT NFV on a Fusion Broadband SD-WAN edge node.

Education

CTU Training Solutions (Potchefstroom) | 2023 – 2025

Network design & Administration SAQA ID: 9127

Skills

- Troubleshooting
- Technical Documentation
- Computer Networking.
- Teamwork.

Hobbies

- Writing blog posts. (<https://williedeklerk.com>)
- Solving Rubik's cubes. (2017KLER01)