

# Trevor Ludgate

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## PROFILE

Dynamic and results-driven IT professional with over a decade of comprehensive experience in designing, implementing, and managing network solutions. Recognized for exceptional problem-solving skills and a keen ability to adapt to the evolving technological landscape. Seeking to leverage expertise in cybersecurity and risk management to contribute to the success of an innovative organization.

## EDUCATION & CERTIFICATIONS

CCNP – Routing and Switching / Enterprise	2019
MCTS – System Center Configuration Manager (SCCM)	2016
MTA – Database Administration	2016
ITIL Foundations	2016
ITIL Practitioner	2018
John Abbott College - AEC Network Administration	2015

## TECHNICAL SKILLS

### Networking

- Vendors: Fortinet, SonicWall, Cisco (IOS, NX-OS, and ASA), Unifi, Ruckus
- Cloud providers: AWS and Azure
- Deploy and maintain firewalls
- Site to site (IPSEC) and remote user (SSL) VPNs
- LDAP and SAML (Azure AD) integration for VPN authentication and for user access rules
- Create highly available layer 2 topologies where needed using spanning tree (STP)
- External routing (eBGP, iBGP, static routing) and internal routing (OSPF and static routing)

### Virtualization

- ESXi 5.5-8.0 (including vCenter and HA clusters)
- Hyper-V (including HCI setups)
- Proxmox KVM and LXC containers
- Docker management and container registry with GitLab

### Operating Systems

- Windows server 2003-2025
- Linux (strong Debian skills)

### Email services

- Microsoft Exchange 2007-2013 and O365
- Gsuite

### Backup services

- Veeam B&R and Veeam Cloud Connect Provider infrastructure
- Windows server backup

### Scripting and programming

- Bash
- PowerShell
- PHP
- Python

## **EXPERIENCE**

### **Senior Network Engineer, Qesys IT consultants — 2018-Present**

- **Network Design & Implementation:** Spearheaded the design and implementation of robust network solutions for hundreds of clients, including small businesses and publicly traded companies, ensuring scalability, efficiency, and security.
- **Cyber Security:** Led initiatives to enhance cyber security measures across client networks, focusing on proactive threat detection, secure backup infrastructures, and ransomware protection.
- **Server & Firewall Migrations:** Successfully executed complex server and firewall migrations, minimizing downtime and ensuring seamless transitions for client operations. Implemented complex VPN and routing infrastructure to support large installations.
- **Technical Leadership:** Served as the final point of escalation for a team of 20+ technicians, providing expert guidance, training, and mentorship to enhance team capabilities and client satisfaction.
- **Client Engagement & Project Management:** Managed end-to-end project life cycles, including quoting, scope planning, and budget management, while maintaining strong client relationships and aligning project outcomes with client expectations.
- **Infrastructure Security:** Designed and implemented secure backup solutions and led efforts in ransomware protection and incident response, significantly reducing client risk exposure.

### **Systems and Network Administrator, ASEQ | Studentcare — 2016-2018**

- Managed the network infrastructure and server operations for a large-scale health insurance company with millions of customers across the country, ensuring high security and reliability across systems.
- Coordinated secure data transfer protocols with insurance providers and higher education administration to maintain compliance with data protection regulations.
- Directed procurement processes for hardware and software licenses, collaborating with senior leadership to plan and manage annual IT budgets effectively.
- Led project management initiatives, working closely with multiple vendors and partners to implement system upgrades and new technology solutions.
- Maintained virtual private network (VPN) tunnels to support remote work capabilities, ensuring secure and efficient access for employees across various locations.
- Deployed and maintained on-premises servers and network infrastructure, optimizing performance and minimizing downtime.
- Developed and enforced IT policies and procedures to safeguard network integrity and protect sensitive customer data.
- Implemented ITIL frameworks to improve IT helpdesk efficiency

### **Network Technician (Intern), McGill University Health Center — 2015-2016**

End user support for over 5000 employees in a highly secure healthcare environment. OS and application deployment with SCCM. PC installation, repair, and maintenance. Asset management and depreciation tracking for over 15,000 devices.

### **Store Manager, MicroBytes — 2012-2016**

Managed and trained a team of 10 employees at a computer store and service center.