

Brendan Battersby

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SUMMARY

Senior Network Engineer with 9+ years of experience delivering secure, scalable enterprise infrastructure. Expert in Zero Trust frameworks and Hybrid Cloud architectures, specializing in Palo Alto NGFW, Zscaler SASE, and Azure ecosystems. Proven track record of leading critical network transformations, including SD-WAN migrations for 250+ sites and global backbone redesigns. Adept at bridging technical engineering with business goals to enhance operational resilience and security posture.

EXPERIENCE

Network Engineer (Contract Full-time) **Oct 2023 - Present**

BCI

- Built redundant hybrid cloud connectivity to Azure using Velocloud SD-WAN NVAs and dynamic BGP routing, eliminating single points of failure
- Led network architecture redesign from static routing to a scalable, multi-tier topology leveraging OSPF in data centers and eBGP for the WAN, improving scalability and resilience, and enabling dynamic failover
- Developed advanced Zscaler ZIA and ZPA policies to enforce zero-trust principles across the enterprise, securing over 2500 clients
- Spearheaded comprehensive auditing and remediation of URL filtering and lateral movement vulnerabilities on Palo Alto and Zscaler platforms, enhancing network security and minimizing attack surface
- Hardened network infrastructure by assessing and remediating CIS security baselines across all network devices (Tenable, Ansible)
- Manage Palo Alto firewall configurations via Panorama in a complex multi-vsys environment
- Engineer and administer multinational network infrastructure: Arista core switches, Aruba/Cisco access switches, and Velocloud SD-WAN devices
- Configure and maintain Aruba and Cisco wireless infrastructure, ensuring seamless connectivity for hundreds of end-users
- Manage NAC solutions with ISE and Clearpass to enforce access control and regulatory compliance

Senior Network Engineer (Permanent Full-time)

May 2019 - Oct 2023

KalTire

- Led 5 major infrastructure initiatives over 4 years, including core routing architecture redesign, end-to-end QoS implementation, SD-WAN migration across 250+ sites, enterprise firewall replacement, and east/west traffic filtering enhancements
- Secured traffic across Azure cloud and on-premises environments by migrating from L3 switching to Palo Alto gateways, enforcing segmentation shielding 2,000+ hosts from lateral-movement risks
- Facilitated app migration from on-premises infrastructure to Azure, ensuring no downtime during transition
- Designed, configured, and managed international multi-vendor network spanning 250+ retail locations, mining sites, and warehouses (Cisco, Palo Alto, Fortinet, Aruba, Azure, Versa, Ruckus)
- Maintained PCI DSS compliance across 300+ network devices spanning 250+ retail and industrial locations (ISE, Qualys)
- Designed and managed application load balancing, improving performance and availability for thousands of daily transactions (Cisco, A10)
- Monitored network availability and compliance using Solarwinds NMS, Icinga, and Splunk
- Delivered 24/7 on-call support with rapid incident resolution, minimizing network downtime
- Mentored team members and resolved hundreds of escalated trouble tickets via Ivanti Service Manager

Network Engineer (Permanent Full-time)

Jun 2017 - May 2019

iTel Networks

- Implemented major core hardware upgrade (Cisco ASR9006, Juniper SRX3400), increasing backbone capacity
- Deployed managed services, including VoIP, Internet, L2VPN, L3VPN, and MPLS for enterprise customers
- Configured and troubleshooted large-scale routing protocols (BGP, OSPF, MPLS) across a national carrier backbone serving hundreds of enterprise customers
- Managed multi-vendor core network serving hundreds of business customers (Cisco, Ciena, Juniper)
- Administered Windows Server infrastructure (ADDS, DNS, DHCP, DFSR) and VMware ESXi environments
- Created network diagrams and engineering designs for customer proposals and internal documentation (Visio)
- Managed Meraki deployment of 100+ switches, firewalls, and wireless APs across customer branch locations
- Served as sales engineer, translating customer requirements into technical solutions
- Maintained 99.9% network uptime through proactive SNMP monitoring and alerting (PRTG)

EDUCATION & CERTIFICATIONS

Palo Alto NGFW Eng - Palo Alto Certified Next-Generation Firewall Engineer	Jun 2025
Azure AZ-700 - Microsoft Certified Azure Network Engineer Associate	Aug 2024
Cisco CCNP Enterprise - Cisco Certified Network Professional Enterprise	May 2023
• CCS Enterprise Advanced Routing & Services - 300-410 ENARSI	
• CCS Enterprise Core - 350-401 ENCOR	
Cisco CCNA R&S - Cisco Certified Network Associate - Routing and Switching	Apr 2018
Network & Telecom Engineering Diploma - Okanagan College, Kelowna, BC	Apr 2017
• Awarded Telus scholarship for highest GPA in first year	
• Received Gold in SkillsBC Provincial Competition: Network Systems Administration	

SKILLS

- **Network Architecture & Routing** - BGP, OSPF, EIGRP, multi-tier enterprise design, HA/DR architecture, QoS, micro-segmentation, multi-vendor experience (Cisco, Arista, Juniper, Aruba)
- **Network Security** - Palo Alto NGFW/Panorama, Zero Trust architecture, firewall rule design, URL filtering, NAC (ISE, ClearPass), CIS hardening, cloud security, VPN (IPSec/SSL)
- **Cloud Networking** - Azure hybrid connectivity, VNET gateways, ExpressRoute, Velocloud/Palo Alto NVA integration, routing design for cloud migrations
- **SD-WAN & SASE** - Velocloud, Cisco, Versa SD-WAN, Zscaler ZIA/ZPA/ZDX policy development, secure remote access, global policy enforcement, URL filtering
- **Automation & DevOps** - Ansible, Python, Git, infrastructure-as-code tooling, workflow automation
- **Load Balancing** - F5 BIG-IP, A10, KEMP ADCs, SSL offloading, health monitoring & traffic steering
- **Wireless** - Aruba, Cisco, Meraki, Ruckus controller-based and cloud-managed deployments
- **Virtualization & Systems** - VMware ESXi, Hyper-V, Docker, Windows Server, Linux administration
- **Technical Leadership** - Led architecture redesigns, mentored engineers, drove security initiatives
- **Documentation** - Network diagrams, design documents, runbooks, change management
- **Communication** - Translates complex technical concepts for executives and non-technical stakeholders
- **Continuous Learning** - Actively pursuing certifications; self-directed study in emerging technologies

HOBBIES & INTERESTS

Weightlifting / Gaming / Philosophy / Hiking / History / Board Games / Mindfulness