

RYAN BERROA

Senior Principal Security
Engineer

CONTACT

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CERTIFICATIONS

CCNP – Cisco Certified
Network Professional

CCDP – Cisco Certified
Design Professional

CCNA / CCNA-Voice

CORE PLATFORMS

- Palo Alto / Panorama
- Azure / AWS / Oracle Cloud
- Prisma Access / SASE
- Zscaler / ZIA / ZPA
- CrowdStrike Falcon
- Cisco / Meraki / ISE
- NinjaRMM / ServiceNow
- Linux / Windows Server

AUTOMATION

- PowerShell
- Python
- Terraform / IaC
- REST APIs
- Bash scripting

PROTOCOLS

- BGP / OSPF / EIGRP
- IPsec / SSL VPN
- SD-WAN
- VLAN / QoS / STP
- DNS / DHCP / NAT

PROFESSIONAL SUMMARY

Senior Principal Security Engineer with 25+ years of experience architecting, securing, and operating enterprise-scale network and cloud environments across financial services, logistics, manufacturing, and e-commerce sectors. Deep expertise in Palo Alto Networks / Panorama, Zero Trust architecture, multi-cloud security (Azure, AWS, OCI), SD-WAN, and large-scale VPN deployments. Proven track record designing resilient, segmented environments that reduce attack surface while enabling business agility. Known for translating complex security challenges into scalable, automated solutions — and for bridging the gap between security, infrastructure, and cloud operations teams at the executive level.

CORE COMPETENCIES

Security Architecture: Zero Trust Design, Network Segmentation, Firewall Governance, Threat Exposure Reduction, SASE/SSE

Cloud & Infrastructure: Azure (vNETs, NSGs, ExpressRoute), AWS (VPC, Transit Gateway), Oracle Cloud, Palo Alto Prisma Access, SD-WAN

Engineering & Automation: BGP/OSPF/EIGRP routing, IPsec/SSL VPN, PowerShell & Python automation, IaC, incident response, cross-functional technical leadership

PROFESSIONAL EXPERIENCE

Senior Principal Security Engineer | **Flowers Foods** *April 2023 – Present*

- Architected enterprise Zero Trust security framework across Azure, AWS, and Oracle Cloud, reducing lateral movement risk and improving segmentation posture across 40+ locations
- Designed and deployed Palo Alto Panorama-managed firewall infrastructure at scale — standardizing policy governance, reducing manual configuration effort by 60%+
- Led multi-cloud networking security initiatives including VNet peering, NSG enforcement, ExpressRoute security controls, and cloud-native firewall integration
- Drove security posture improvements through firewall policy hardening, GlobalProtect VPN optimization, and Zero Trust segmentation aligned to NIST and CIS frameworks
- Served as primary security liaison between InfoSec, cloud infrastructure, and reliability engineering — translating business requirements into enforceable security architecture

Senior Network Security Engineer | **National Air Cargo** *October 2022 – March 2023*

- Spearheaded network security and infrastructure modernization across multi-site enterprise environments supporting air cargo operations
- Implemented hybrid cloud networking solutions — enhancing security posture and segmentation across on-prem and Azure-connected environments
- Developed PowerShell automation to streamline operational processes, reducing manual remediation time and improving configuration consistency

Network Security Engineer | **Brown and Brown Insurance** *April 2021 – October 2022*

- Managed enterprise network infrastructure and security systems across a complex, multi-site financial services environment with high availability requirements
- Led network segmentation, VLAN redesign, and firewall policy improvements to reduce attack surface across 50+ branch locations
- Implemented cloud integration initiatives connecting on-premises environments to Azure, supporting secure access for a remote-first workforce

Lead Systems Network Engineer | **Amazon** *June 2020 – April 2021*

- Led network engineering efforts supporting large-scale fulfillment center infrastructure — responsible for uptime and security of systems processing millions of transactions daily
- Managed network monitoring, alerting, and operational response for critical logistics systems in a 24/7 high-availability environment
- Developed and deployed automation solutions for network policy enforcement, configuration management, and real-time alerting

EARLIER CAREER (2004 – 2019)

Network & Systems Engineering roles across banking, logistics, healthcare, and enterprise IT — 15+ years of progressive experience:

- Designed and secured LAN/WAN/wireless networks, data centers, and virtualization platforms across enterprise environments
- Implemented firewalls, IPsec/SSL VPNs, BGP/OSPF routing, switching, and early SD-WAN solutions