

DUSTIN ALLEMAN

Network Engineer | Enterprise Routing, Switching & Wireless | Cloud-Managed Infrastructure & Automation

Chicago, IL | 517-648-6124 | dpalleman@live.com | U.S. Marine Corps Veteran

SUMMARY

Network engineer with 10+ years designing, operating, and automating enterprise network infrastructure across multi-vendor and cloud-managed environments. Five years as the technical lead on Fortune 500 and U.S. federal agency networks: production incident ownership, root cause analysis, and executive-level communication on accounts where downtime is not an option. Hands-on from the packet up, with the automation layer on top. Active CCNA instructor at City Colleges of Chicago, CCNP in progress. USMC veteran with prior Secret clearance.

CORE SKILLS

Routing & Switching: BGP (iBGP/eBGP, route policy, prefix filtering), OSPF (multi-area, summarization, redistribution), EIGRP, policy-based routing, 802.1Q VLANs, trunking, STP/RSTP/MST, EtherChannel, QoS, VLSM design

Wireless & WAN: Enterprise wireless design and RF planning (CWNA), SSID segmentation, 802.1X, SD-WAN, IPSec site-to-site and client VPN, multi-site WAN architecture, ISP redundancy and failover

Security & Access: Segmentation, ACL and firewall policy design, Zero Trust architecture, NAT/PAT, SSO and identity integration, FedRAMP-authorized cloud environments

Operations & Monitoring: Incident triage and root cause analysis, Wireshark, syslog and SNMP analysis, Grafana and Prometheus telemetry, change management, runbook and standards authoring

Automation & Platform: Python scripting, REST API-driven network management, Git, Docker, Kubernetes, Proxmox, Traefik, n8n workflow automation, Linux

Platforms: Cisco IOS/IOS-XE, Cisco Meraki (MX/MS/MR), Cisco ASA, Juniper, Palo Alto, Fortinet, Azure

EXPERIENCE

Cisco Meraki | Network Support Engineer, FedRAMP

Aug 2023 - Present | Remote (Chicago, IL)

Technical lead for U.S. federal agency networks on a FedRAMP-authorized cloud platform

- Own production network operations for federal agency accounts spanning thousands of managed devices across geographically distributed multi-site environments - incident triage, fault isolation, root cause analysis, and postmortem through to corrective action, using real-time telemetry, SNMP, and syslog analysis to catch degradation before customer impact.
- Design and validate network architectures for mission-critical environments: routing protocol configuration, VLAN segmentation, wireless, SD-WAN, and VPN connectivity aligned to FedRAMP compliance boundaries.
- Partner with engineering and product teams on firmware validation, bug escalation, deployment guides, and configuration standards that shorten time-to-value and reduce repeat incidents.
- Deliver executive-ready incident communications that translate complex network failures into clear impact and remediation timelines for IT and agency leadership.

Cisco Meraki | Network Support Engineer, High Touch

Nov 2022 - Aug 2023 | Remote (Chicago, IL)

Dedicated network engineering for Fortune 500 enterprise accounts under strict SLA commitments

- Senior technical resource on Fortune 500 accounts with complex multi-site LAN, WAN, and wireless environments, resolving systemic performance and connectivity issues through packet capture, routing table inspection, and log correlation.
- Delivered technical enablement to customer IT teams and mentored new-hire engineers on troubleshooting methodology and platform operations.
- Began teaching CCNA-level networking at City Colleges of Chicago, authoring course material now taught across the program.

Cisco Meraki | Network Support Engineer

Jun 2021 - Nov 2022 | Remote (Phoenix, AZ)

- Handled enterprise escalations across routing, switching, and wireless platforms, guiding customers through complex architecture decisions and driving defect resolution with engineering teams.
- Built depth in large-scale wireless troubleshooting, RF analysis, and performance optimization across multi-AP enterprise deployments.

OneNeck IT Solutions | Network Administrator

Mar 2019 - Jun 2021 | Phoenix, AZ

- Designed and implemented secure multi-vendor network infrastructure (Cisco, Juniper, Palo Alto) for enterprise managed-service clients across data center and edge environments.
- Configured and maintained IPSec VPN tunnels, BGP peering, OSPF routing domains, and multi-VLAN segmentation; administered monitoring systems and incident queues across customers with differing SLA tiers, and advised client IT leadership on ACL, routing policy, and segmentation strategy.

U.S. Marine Corps | Cyber Network Specialist

Jul 2013 - Jul 2017 | Cherry Point, NC

- Installed, configured, and secured enterprise Cisco and Microsoft network infrastructure supporting mission-critical military communications in classified and unclassified environments. Held Secret clearance; honorably discharged.

TECHNICAL PROJECTS

Self-Hosted Production Infrastructure Lab: Multi-node Proxmox cluster running production-equivalent services - Traefik, Authentik SSO, Grafana and Prometheus observability, containerized stacks, and API-driven configuration deployment. Used for prototyping, CCNP study, and Cisco Modeling Labs topology work.

Kubernetes Multi-Tenant Platform: Built a containerized platform from concept to a deployed multi-server cloud service - controller/worker topology, automated provisioning, and namespace-level network policy for tenant isolation.

CERTIFICATIONS

Cisco CCNA • Certified Wireless Network Administrator (CWNA) • Cisco Meraki Solutions Specialist • CompTIA Network+ • CCNP (in progress, 2026)

EDUCATION

B.S. Business Management, Western Governors University

Expected Nov 2026

Cisco CCNA, Mesa Community College

2019