

## Zachary A. Rogers

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[LinkedIn](#) | [Youtube Channel](#) | [My Website](#)

### *INDUSTRY CERTIFICATIONS*

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CompTIA Security+ CE 2022  
CompTIA CySA+ 2022  
CompTIA Network+ 2025  
Cisco Certified Network  
Associate (CCNA) 2026

Juniper Networks Certified  
Associate (JNCIA-Junos) 2023  
Juniper Networks Certified Internet  
Specialist (JNCIS-ENT) 2026

### *PROFESSIONAL EXPERIENCE*

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**L3Harris**, Greenville, TX  
**Lead Network Engineer**

02/2026 – Present

- Design and operate eBGP and iBGP routing architectures for internal and external connectivity
- Deploy OSPF-based management networks for secure and dynamic route advertisement
- Build and troubleshoot IPsec VPNs (VTI, GRE over IPsec, Palo Alto LSVPN) with routing over tunnels
- Implement VRF-lite segmentation to isolate management, control-plane, and data traffic
- Manage and configure Palo Alto firewalls, including virtual routers, NAT, PBF, and VPN deployments
- Apply BGP policy and traffic engineering (local pref, MED, AS-path, PBR)
- Lead network migrations and routing redesigns (MOPs)
- Support multi-vendor environments (Cisco, Arista, Palo Alto, Cradlepoint, VyOS, Juniper)
- Implement AAA solutions (FreeRADIUS/FreelIPA) and centralized logging/monitoring

**Lockheed Martin**, Fort Worth, TX  
**Lead Network Engineer**

11/2024 – 02/2026

- Provide strategic guidance to a team of network engineers, aligning network initiatives with organizational goals and mission requirements.
- Draft and manage statements of work (SOWs), coordinate site surveys, and lead the execution of new network installations, expansions, and relocations.
- Represent the network team in stakeholder and leadership meetings, delivering project updates, addressing risks, and securing needed resources.
- Mentor junior engineers and foster a high-performing, collaborative team environment while enforcing standardized workflows and best practices.
- Lead cross-functional coordination to integrate networking initiatives with broader IT and security efforts, ensuring compliance with regulatory frameworks (e.g., STIG, NIST, JSIG).
- Architect and deploy dynamic, scalable, and secure network infrastructures tailored to diverse operational environments, including enterprise, lab, and standalone networks.
- Daily administration and configuration of Cisco routers and switches, including OSPF, static routes, BGP (DMVPN), VLANs, NAT, Spanning Tree, port channels, and 802.1X authentication using AD/NPS and Cisco ISE.
- Design, manage, and secure firewall implementations (Palo Alto and Juniper), including site-to-site IPsec VPNs and advanced threat mitigation policies.
- Manage and Deploy Cisco Call Manager-based VoIP environments to ensure reliable

communication capabilities across the enterprise.

- Coordinate equipment installs with onsite and remote teams, produce high-quality network documentation and diagrams, and lead infrastructure modernization efforts.
- Administer core Windows Server services—DNS, DHCP, RADIUS, GPOs, and certificate services—while managing PKI and authentication across multiple enclaves.
- Oversee the deployment, upgrade, and key rotation for over 100 network encryptors, applying secure design principles rooted in RMF, NIST 800-series, ISO 27001, and JSIG frameworks.

**Lockheed Martin**, Fort Worth, TX  
**Sr. Network Engineer**

09/2023 – 11/2024

- Architecting and deploying dynamic network infrastructures across over 30 networks, ensuring they meet the organizational requirements for efficiency, security, and reliability.
- Daily management and deployment of Cisco switches and routers in various settings, including enterprise, lab and standalone networks. This involves configuring OSPF, static routing, occasionally DMVPN Tunnels via BGP, NAT, port channels, VLANs, Spanning Tree, 802.1x from Active Directory NPS, Cisco ISE, and implementing code upgrades and security hardening techniques based on threat models.
- Managing VoIP systems through Cisco Call Manager, ensuring seamless communication across the organization.
- Configuring and maintaining firewalls (Palo Alto and Juniper) and site-to-site VPNs through IKE/IPsec tunnels, and formulating security rules to mitigate common threats like DDOS attacks.
- Documenting processes and configurations, and creating detailed network diagrams using specialized applications. Coordinating the installation of network equipment with multiple teams, and leading projects for network expansions, restructures, or relocations both locally and remotely.
- Configuring DNS records, DHCP pools, RADIUS authentication, certificate authorities, certificate issuance, Group policy, and NPS rules through Windows Server. I am also responsible for managing the Public Key Infrastructure (PKI) across many of our networks.
- Applying secure network modeling principles based on standards like NIST 800 series, ISO 27001, RMF, and JSIG. Overseeing the deployment, key updating, and upgrading of over 100 network encryptors at various sites.

**Network Enterprise Center**, Fort Hood, TX  
**Network Engineer**

06/2023 – 09/2023

- Maintaining and deploying network infrastructure across two different large enterprise networks, ensuring they met the organizational requirements for efficiency, security, and reliability.
- Daily management and deployment of Cisco and Juniper switches and routers. Including management and implementation of OSPF, GRE Tunnels, static routing, port channels, VLANs, 802.1x from Active Directory NPS, Junos Space, and more including implementing code upgrades and security hardening techniques based on threat models.
- Configuring DNS records, DHCP pools, RADIUS authentication, certificate issuance, and NPS rules through Windows Server.
- Documenting processes and configurations, and creating detailed network diagrams using specialized applications. Coordinating the installation of network equipment with multiple teams, and working projects for network expansions, restructures, or relocations both locally and remotely.
- Applying secure network modeling principles based on standards like NIST 800 series, ISO 27001, RMF, DoD STIG. Overseeing the deployment, key updating, and upgrading of many network encryptors at various sites.
- Configured, maintained, and troubleshot Layer 3 Encryption Devices, to secure data transmission via VPNs through IKE/IPsec tunnels.

- Installed, configured, and maintained Cisco Routers and Switches, ensuring robust and efficient network performance. Created comprehensive technical documentation outlining networking tools and best practices, aiding in standardizing processes.
- Monitored, deployed, and maintained a diverse range of Virtual Machines, including Cisco Unified Call Manager, REDCOM, Palo Alto Firewalls, RHEL, Cisco Routers, and more.
- Provided end-to-end networking solutions in high stress environments, encompassing satellite internet, Cisco routing and switching, and administration of essential business applications.
- Acted as the Active Directory Administrator for both enterprise and tactical networks, overseeing user access and security.
- Conducted security audits for Group Policy Objects in line with Security Technical Implementation Guides (STIG) to identify and rectify vulnerabilities.
- Managed process flows in the Remedy system to expedite resolution of both widespread and isolated incidents in an enterprise setting. Deployed software updates and security patches, contributing to the overall cybersecurity framework. Established a comprehensive knowledge base, including training guides, to enhance the performance and technical proficiency of junior team members

### ***EDUCATION***

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- **California Institute of Applied Technology** | Pursuing Bachelors of Applied Science in Network Engineering
  - **Cyber Center of Excellence – Fort Gordon, GA** | Network Communication Specialist Course