Zachary A. Rogers

Active DoD TS/SCI Clearance

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INDUSTRY CERTIFICATIONS

CompTIA Security+ CE, 2022
CompTIA CySA+ 2022

Juniper Networks Certified Associate
(JNCIA-Junos) 2023

PROFESSIONAL EXPERIENCE

Lockheed Martin, Fort Worth, TX   09/2023 – Present
Sr. Network Engineer

- 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   06/2023 – 09/2023
Network Engineer

- 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.

US Army, Germany, Oklahoma, Hawaii, & Texas   08/2014 – 06/2023
Network Communication Specialist

- 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

- **Regent University** | 30 Credits toward BA
- **Cyber Center of Excellence – Fort Gordon, GA** | Network Communication Specialist Course