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# ALEX DEAN

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## NETWORK ENGINEER & CYBERSECURITY SPECIALIST

Seasoned and experienced Network Engineer and Cybersecurity Specialist with 10 years of expertise in optimizing networks, driving security initiatives, and automating compliance processes for enhanced efficiency and resilience. Well-experienced in cloud services, network security, and network and security operations.

**Core Competencies :** Network Configuration & Administration | Cybersecurity & Compliance Management | Firewall & VPN Security Management | Network Automation & Scripting | Incident Response & Vulnerability Remediation | LAN/WAN Network Troubleshooting

### PROFESSIONAL EXPERIENCE

**Resource Management Concepts, Inc., Quincy, MI (Remote) | Mar 2025 - Present**

#### Senior Network Administrator

- Provide network troubleshooting and assistance to multiple remote sites to ensure NOC services provided are accessible and function properly
- Perform network configuration changes and maintenance on Cisco NGFWs and Cisco switches
- Configure Azure ExpressRoute connections and create/maintain cloud networking infrastructure
- Migrated multiple remote locations from traditional networking infrastructure to ACI infrastructure
- Automated STIG compliance checks for network devices utilizing SolarWinds NCM and custom compliance reporting, saving dozens of hours per quarter
- Update and maintain Python GUI application to consolidate resources, scripts, and links that are frequently used by the NOC administrators
- Monitor and respond to alerts generated by NMS
- Utilize ACAS and Nessus functions to identify and remediate vulnerabilities on the network
- Perform regular configuration audits and verify compliance with DISA STIGs

**Capgemini Government Solutions, Fort Wayne, IN (Remote) | Jun 2023 - Feb 2025**

#### Cloud Network Engineer/Senior Consultant

- Optimized security configurations by managing NAT rules, IPSec tunnels, and firewall policies within Palo Alto Panorama and NGFWs, successfully migrating over 70 sites while strengthening network security.
- Enhanced network performance by troubleshooting traffic issues using Panorama, ensuring smooth and efficient network operations.
- Implemented comprehensive auditing processes for IPAM and AWS routing tables, ensuring accuracy and compliance while improving overall network reliability.
- Led incident response efforts, investigating and remediating networking-related incidents, effectively minimizing downtime and maintaining operational continuity.
- Collaborated cross-functionally with tenants and external organizations to configure firewall rules, enabling secure connections to web proxies and other essential network resources.
- Performed troubleshooting and configuration of AWS VPCs, security groups, and NACLs to support critical tenant requirements

**Harvest Sherwood Food Distributors, Fort Wayne, IN (Remote) | Jan 2023 - Jun 2023**

#### Senior IT Security Analyst/IT Security Manager/Infrastructure Engineer

- Led the company's cybersecurity program by implementing robust security procedures and overseeing security engineering, strengthening the organization's defenses against potential threats.
- Managed email security operations using Mimecast and hybrid Exchange server, troubleshooting email issues to ensure secure and efficient communication across the organization.
- Directed incident investigations escalated by the SOC, quickly identifying vulnerabilities and remediating security breaches to maintain a secure network environment.
- Optimized network security by configuring and managing policies on Palo Alto Panorama, overseeing 12+ NGFW devices nationwide, and ensuring consistent, reliable protection across all locations.
- Identified and remediated vulnerabilities, conducting penetration testing and reducing unnecessary vendor subscriptions, saving \$25k annually through strategic adjustments in security infrastructure.

- Collaborated across teams with infrastructure, application, and development teams to address vulnerabilities, while managing EDR/SIEM tools with the SOC and utilizing SentinelOne to enhance endpoint protection.

GDIT, Fort Wayne, IN (Remote) | Nov 2020 - Jan 2023

Cyber Security Analyst/RedSeal Lead/Network Engineer supporting Department of Navy

- Managed RedSeal administration for nearly a dozen remote sites, training junior admins, and providing technical support to ensure efficient NOC service delivery across the network.
- Streamlined network management by automating STIG compliance checking and documentation for Cisco IOS XE switches using Python, enabling remote sites to audit compliance for over 400 devices.
- Developed and deployed Python-based applications, including a GUI tool for consolidating resources and scripts, improving NOC team efficiency and simplifying centralized RedSeal server management.
- Performed network configuration changes and maintenance on Cisco firewalls, switches, and BIG-IP F5 devices, ensuring seamless functionality and troubleshooting across remote sites.
- Enhanced vulnerability management by utilizing ACAS, Nessus, and Ansible to identify and remediate network vulnerabilities, automate device backups, and verify compliance with security standards.
- Contributed to disaster recovery planning, creating procedures for firewall and switch recovery, and supporting the overall resilience of the network infrastructure through rigorous audits and compliance checks.

**Previous Experience:** Anchor Point Technology Resources, Inc., Bloomington, IN - Cyber Security Analyst/Network Engineer supporting Department of Navy | United States Marine Corps, Camp Pendleton, CA - Network and Systems Engineer

EDUCATION

Bachelor of Science, Cloud Computing (AWS Specialization) | Pursuing

Certifications

- AWS Solutions Architect Associate (In progress)
- Cisco Certified Networking Associate (CCNA) (Dec, 2025)
- AWS Certified Cloud Practitioner (May, 2027)
- CompTIA Security+ (Dec, 2025)

Technical Skills

Network Security & Management:	Palo Alto (Panorama, NGFW)   Cisco Firewalls (ASA 5525 & 5555, FMC, FTD, NGFW)   BIG-IP F5 (5820, 2800)   Cisco Switches (3650, 3850, 9200, 9300)   Security Monitoring (IDPS/IPS, SIEM)   VLAN   Spanning-Tree Protocol   Ether-Channels, Port Security   Wireshark   tcpdump   Security Groups   NACL   VPC
Firewalls & Security Devices:	Palo Alto (Panorama, NGFW)   Cisco ASA   FMC   FTD   NGFW   BIG-IP F5   SentinelOne
Networking & Protocols:	Cisco Switches (3650, 3850, 9200, 9300)   VLANs   VTP   802.1Q/ISL   Spanning-Tree Protocol, Ether-Channels   Port Security   TCP/IP
Cloud & Systems:	AWS   Azure   Windows Server (2012, 2016, 2019)   Microsoft Exchange   Active Directory
Automation & Configuration Management:	Python   Ansible   API Interaction
Monitoring & Tools:	RedSeal   SolarWinds (NCM, NPM, NTA)   Infoblox IPAM   ACAS   Nessus
Security & Compliance:	SIEM   IDPS/IPS   DISA STIGs

