

Tolulope Orelesi

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PROFESSIONAL SUMMARY

Dedicated Network Security Engineer with hands-on experience securing enterprise networks and cloud infrastructures. Proficient in deploying and managing Next-Generation Firewalls, VPNs, and various security tools to ensure confidentiality, integrity, and availability of critical systems. Demonstrated strong troubleshooting skills, continuous learning, and the ability to analyze network traffic, detect issues quickly, and implement effective long-term solutions. I collaborate with cross-functional teams to deliver exceptional results in compliance with client and company requirements.

SKILLS HIGHLIGHTS

TECHNICAL SKILLS

- Solid hands-on experience working with Next-Generation Firewalls such as Palo Alto (PA-Series and VM-Series).
- Skilled in day-to-day firewall administration, including creating and reviewing security policies, configuring different types of NAT (static, dynamic, PAT, and U-Turn), enabling App-ID, setting up SSL decryption, and applying threat, URL, and vulnerability protection profiles.
- Strong background in building and troubleshooting VPN solutions, including IPSec tunnels, GlobalProtect setups, site-to-site VPNs, and remote access/SSL VPNs.
- Good understanding of routing and switching concepts like OSPF, RIP, BGP, VLANs, trunking, inter-VLAN routing, static routes, and handling asymmetric routing issues.
- Cloud security experience with AWS, including VPC design, Security Groups, NACLs, Transit Gateway, peering, NAT Gateway, IAM permissions, and cloud firewalls.
- Strong knowledge of encryption standards and security protocols, including SSL/TLS, certificate management, PKI, hashing, and symmetric/asymmetric encryption.
- Understanding of High Availability (HA) for firewall platforms, including Active/Passive deployments, HA1/HA2 communication, failover testing, and synchronization.

CORE SKILLS

Analytical and critical thinking | Strong problem-solving and troubleshooting skills | Excellent written and verbal communication skills | Detail oriented | Ability to handle multiple projects efficiently | Positive interpersonal skills | Research and Development.

PROFESSIONAL EXPERIENCE

Washington Metropolitan Area Transit Authority | Network Security Engineer

May 2023 – Present

- Participated in incident response activities, including log review, packet capture analysis, and threat containment actions.
- Lead configuration and management of Palo Alto firewalls, VPN tunnels, and NAT policies.
- Monitored network traffic using tools such as Wireshark and implemented segmentation using VLANs.
- Performed SSL decryption, high availability configuration, and supported firewall upgrades.
- Built hands-on lab environments and executed real-world tasks such as packet captures, troubleshooting HA links, and App-ID-based security policy
- Worked extensively on routing (BGP, OSPF), dynamic NAT, static routing, and Layer 2/3 interfaces.
- Assisted in monitoring IDS/IPS systems for threat detection, alert analysis, and escalation procedures.

S & C Consulting | Network Security Engineer

January 2021 – April 2023

- Provided cybersecurity support for client networks and cloud environments.
- Assisted with the configuration of secure AWS architectures (VPC peering, security groups, IAM policies).
- Participated in vulnerability assessments and system hardening efforts.
- Supported users through technical issues related to network access and firewall rules.
- Collaborated on projects involving Cisco ISE, SSL VPNs, and Palo Alto-based segmentation.
- Supported patch management and vulnerability remediation efforts across cloud and on-prem infrastructure.
- Managed identity and access controls for client environments, including secure authentication, permissions review, and password policy enforcement.

Nexien Inc | Deployment Technician

January 2017 – December 2020

- Performed software installations, system imaging, and hardware upgrades to support end-user needs.
- Documented deployment steps, asset information, and configuration changes.
- Provided hands-on support during system rollouts, office moves, and equipment refresh cycles.
- Performed installation and maintenance of transit faregate, payment validator, desktop computer etc.
- Performed hardware and software installations.
- Performed general maintenance tasks, troubleshoot and repaired transit turnstile, computer systems and peripheral equipment.
- Diagnosed mechanical hardware, software and systems failures using established procedures.

EDUCATION

BOWIE STATE UNIVERSITY

Bachelor of Science, Computer Technology
Maryland, USA

PRINCE GEORGE'S COMMUNITY COLLEGE

Associate of Science, Information Technology

CERTIFICATIONS

- CompTIA Security+