Mohamed Ibrahim Salih

NOC Engineer | SOC Analyst (L1) | Network Security Engineer

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Professional Summary

Network & Security Engineer with hands-on experience in network operations, Vulnerability management, and patch management. Skilled in configuring and Troubleshooting LAN/WAN environments, managing firewalls and VPNs, and performing Security assessments using Tenable Nessus and Ivanti Security Control.
Holds CCNP, CEH v12, and MCSA certifications, with strong interest in NOC/SOC operations and continuous security improvement.

Education

Bachelor's Degree in Communication Engineering - July 2023
Specialization: Electrical - Electronics and Communications

Professional Experience

Network Engineer – El Safa Company (Dec 2024 - Oct 2025)

- Configured, monitored, and troubleshot **routers, switches, and wireless access points**.
- Supported enterprise **LAN/WAN infrastructure**, ensuring high availability and performance.
- Implemented **VLANs, ACLs, and basic firewall rules** to improve network security.
- Diagnosed and resolved network connectivity issues using structured troubleshooting methodologies.
- Worked with core networking protocols: **TCP/IP, DHCP, DNS, OSPF**.
- Assisted in network documentation and topology updates.

Network Security Engineer (Intern) – Hatteras Company (Oct 2025 – Dec 2025)

- Performed vulnerability assessments using **Tenable Nessus**, including scanning, analysis, and reporting.
- Evaluated vulnerabilities using **CVSS scores** and prioritized remediation actions.
- Supported **patch management operations** using Ivanti Security Control.
- Assisted in testing, deploying, and verifying patches across multiple systems.
- Generated vulnerability and patch compliance reports for management review.
- Gained hands-on exposure to security operations and risk management processes.

Certifications & Courses
- **CCNA 200-301 – Cisco Certified**
- **CCNP Enterprise (ENCOR 350-401) – Cisco Certified * CCIE Written**
- **CEH v12 – Certified Ethical Hacker**
- **MCSA – Microsoft Certified Solutions Associate**
- **FortiGate Firewall Training**
- **Linux Administration – Kali & Ubuntu**
- **Programming Languages – Python, PHP, JavaScript, C++**
- **Mobile Technologies – Mobile Package & 3G/4G Optimization**
- **Vulnerability Assessment : Tenable Nessus Certified**
- **Patch management : Ivanti security control Certified**

Technical Skills
Networking
- Routing & Switching: VLAN, STP, HSRP, OSPF, EIGRP
- LAN/WAN Design & Troubleshooting
- VPN technologies (Site-to-Site & Remote Access – Basic knowledge)

Security
- End-to-end vulnerability assessment lifecycle
- Asset discovery
- Vulnerability scanning
- Risk prioritization (CVSS-based)
- Reporting and remediation tracking
- Hands-on experience with **Tenable Nessus**
- Analysis of vulnerability scan results and false positives
- Coordination of remediation activities with IT teams

Tools
Tenable Nessus, Ivanti Security Control

Wireshark, PRTG, GNS3, VMware, PuTTY

Operating Systems
Linux (Ubuntu, Kali)

Windows Server

Scripting & Programming
Python (Basics), PHP, JavaScript, C++

Soft Skills
- Quick Learner & Detail-Oriented
- Self-motivated and proactive
- Ability to manage multiple projects
- Leadership & Team Collaboration

Projects

◆ Network Infrastructure Lab Project

- Designed and implemented a virtual enterprise network using **GNS3**.
- Configured VLANs, trunking, and inter-VLAN routing.
- Implemented dynamic routing using **OSPF**.
- Applied ACLs to control traffic between network segments.
- Tested network resiliency and failover scenarios.
- Deployed **PRTG Network Monitor** to monitor network devices and servers.
- Configured alerts for bandwidth usage, latency, and device availability.

◆ Vulnerability Assessment Project

- Conducted vulnerability scanning on a lab environment using **Tenable Nessus**.
- Analyzed scan results and identified critical and high-risk vulnerabilities.
- Prioritized vulnerabilities based on **CVSS scores**.
- Documented findings and recommended remediation steps.
- Verified remediation by performing follow-up scans.

◆ Patch Management Implementation Project

- Implemented a patch management workflow using **Ivanti Security Control**.
- Tested patches before deployment to production-like systems.
- Automated patch deployment across multiple endpoints.
- Monitored patch compliance and generated status reports.
- Handled patch failures and rollback scenarios.

Languages
- Arabic: Native
- English: very good

Personal Information
- Date of Birth: March 10, 1999
- Military Status: Completed