JOB 7: Cybersecurity Analyst

Job Overview

A Cybersecurity Analyst is responsible for protecting an organization's digital assets from cyber threats. They identify vulnerabilities, monitor security threats, and implement protective measures to safeguard sensitive information.

Required Skills for cybersecurity analyst

1. Ethical hacking
2. Kali Linux
3. Network Security

Skills Information

1. **Ethical Hacking** – Understanding security loopholes and penetration testing to strengthen system defenses.

2. **Kali Linux** – A specialized Linux distribution for penetration testing, forensics, and security auditing.

3. **Network Security** – Implementing firewalls, intrusion detection systems, and encryption to secure networks.

Skill Learning Resources

• **Ethical Hacking:** CEH (Certified Ethical Hacker) Course, Hack The Box, OWASP Top 10

• **Kali Linux:** Kali Linux Documentation, Offensive Security's Kali Linux Revealed Book, TryHackMe (Kali Linux Labs)

• **Network Security:** Cisco CCNA Security, CompTIA Security+, NIST Cybersecurity Framework

Difficulty Level

Advanced – Requires practical experience in penetration testing, threat detection, and security protocols.