

Sr. Networking Analyst**Employee Information**

Department:	IT	Date:	20/10/2016
Job Category:	First/Mid-Level Officials and Managers	Job Title:	Sr. Networking Analyst
# Hrs. Per Week:	40	Reports to:	IT Manager
Work Days:	Monday - Friday	Exempt/Non-Exempt:	Non-Exempt
Employment Status:	Regular Full-Time		
Work Hours:	40 Weekly - 9 daily		

Job Summary

To perform an ongoing audit of network security devices (firewalls, routers, switches, load balancers). To participate in the architectural review of Stewart infrastructure to ensure it is designed using industry best practices and highly scalable to support growth. To review and approve changes to infrastructure and ensure that adequate security controls are evaluated. To assist in the design, monitoring and auditing the networking of physical and virtual infrastructure. To protect Stewart Production and Corporate infrastructure from emerging networking threats. To reduce the risk of data theft, exposure or compromise to the lowest possible level acceptable by business. To proactively review logs for any signs of malicious activities.

Essential Job Functions

Position requires financial responsibility: ☐ Yes ☒ No

- The key responsibilities for this position will be:
 - Monitoring and log review of all network security devices (firewalls and routers) for any abnormalities, errors and potential security issues
 - Working with Network Architect to design network security in accordance with industry best practices and business specific needs
 - To ensure the networks are properly designed and segmented to deter the attackers, the rules are configured to provide maximum protection
 - To perform regular network security device configuration audit for compliance with regulations, business needs, and adherence to industry best practices
 - Review and approval of all network configuration changes in accordance with corporate policies
- Additional responsibilities may include:
 - Health analysis of the network infrastructure
 - Monitoring, review and tuning of IDS/IPS systems or any other relevant security technologies
 - Performing network captures and packet analysis as required by the business
- Sr. Network Analyst will act as a coach (subject matter expert) to the rest of the team on any network security related issues.

Job Specifications

- Proven knowledge and practical application of network security, firewalls, access and perimeter control, vulnerability Computer Science degree or equivalent
- Proven experience in design and configuration of network security devices
- Deep understanding of different threats, how they propagate through the network and how to configure network devices to protect against them
- Ability to work on multiple projects, sometimes under pressure
- Ability to adapt within a small, highly diversified team is a must. Self-starter who can work independently with minimum supervision
- Experience working in a complex, multi-tenant environment in insurance or financial sector is HIGHLY DESIRABLE
- "Big Data" analysis experience is HIGHLY DESIRABLE (ability to understand, process and analyze raw data)
- Flexible hours, possible after hours and weekend work may be required

Preferred Skills:

- 7+ years of experience in supporting networking infrastructure in highly available, high transaction volume and high security production operations
- 7+ years of networking experience. Deep understanding of network topologies, protocols and devices. Experience configuring and supporting Cisco ASA, Catalyst and Nexus switches, and routers. Solid understanding of network segregation and traffic analysis, VLAN, NetFlow, QoS
- 7+ years of network logs monitoring and log analysis for security threats.
- Deep understanding of security events, ability to correlate the events to attack vectors
- Deep understanding of network topologies and security
- Understanding of securing Web Applications
- Ability to document environment, create diagrams, create processes and procedures
- Excellent analytical and troubleshooting skills
- Experience with configuring, managing and tuning IDS/IPS systems is a PLUS
- Experience with security technologies that are closely related to the networking (IDS/IPS, NAC, WAF) is a plus
- LAN and WAN optimization technologies
- Networking and infrastructure monitoring tools
- Packet capturing, analysis and troubleshooting
- Netflow and other analytics tools
- SIEM
- Load balancers
- Threat Analytics
- Penetration testing

Training

Minimum training required per year as assigned by the company

Physical Demands

This job requires the employee to occasionally stand; walk; sit; use hands; climb stairs; balance; stoop; kneel; read; talk or hear. The employee must occasionally lift and/or move up to 25 pounds. Specific vision abilities include close vision and the ability to adjust focus. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Work Environment

Work is primarily light; exerting up to 20 pounds of force occasionally and/or 10 pounds of force frequently or constantly to lift, carry, push, pull or otherwise move objects. The noise level in the work environment is moderate.