Network Security Engineer

We are seeking a Network Security Engineer to become an integral part of our team! You will be responsible for designing, maintaining, and implementing firewalls, IDS/IPS systems, F5 Loadbalancers, and Niksun packet capturing devices.

This position will provide engineering, design, and implementation solutions for multiple network architectures. This position will have a strong background in network security, IPS systems, Cisco switching and routing implementation, security device implementation, F5 web application firewalling and TCP/IP protocol analysis. The Network Security Engineer designs, augments, maintains and monitors network security in multiple computing environments by identifying network security requirements; installing security upgrades; monitoring network security devices and logs, and managing network security configuration consistency. This position requires strong communication skills and strong technical writing capability.

Responsibilities:

- Establishes networks by evaluating network performance issues including availability, utilization, throughput, and latency; planning and executing the selection, installation, configuration, and testing of equipment; defining network policies and procedures; establishing connections and network components.
- Performs event analysis using Deep Packet Inspection technologies and packet analyzing technologies.
- Maintains network availability and enhances DMZ networking environments by administering F5 and Cisco based security architectures, and application-based security load balancing technologies. Works with F5 LTM and ASM technologies.
- Provides network security leadership and is excellent in written and verbal skills, understanding the value and importance of communication and documentation in mission objectives.
- Establishes network specifications by analyzing network security health, workflow, access, information, and security requirements; performing firewall/ IDS administration, including access control maintenance, signature tuning, and SEIM (Security Event and Incident Management) log management.
- Establishes networks by evaluating network performance issues including availability, utilization, throughput, and latency; planning and executing the selection, installation, configuration, and testing of equipment; defining network policies and procedures; establishing connections and firewalls.
- Meets regularly with security collaboration team to develop, augment, and discuss current and new emerging network security techniques, and security design.
- Maintains network security viability in DMZ networking environments by administering F5 and Cisco based security architectures using access control lists, logging, RADIUS/ TACACS protocols, anti-Denial of Service optimization, and application-based security load balancing technologies. Works with F5 ASM technologies.
- Secures network by developing network access, monitoring, control, and evaluation techniques; maintaining documentation. Maintains network security posture by performing network monitoring and analysis, and intrusion detection tuning; evaluating network anomalies; and escalating problems to Security Officer.

Qualifications:

- 3-5 years of experience in Network Security Implementation
- Bachelor's Degree
- Strong troubleshooting and critical thinking skills
- Strong attention to detail, good documentation skills, ability to write clear, concise project reports
- Ability to function with minimal instruction or supervision, or as a part of larger team reporting to formal project management. Strong communication and organizational skills

Clearance Required: Must have a current DoD Secret Clearance

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