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"Supporting Our Clients Through Pillars Of Excellence"

Cybersecurity Engineer (Linux)

Location	Beltsville, MD
Security Clearance	Secret Required to Start (TS Preferred)
Years of experience	6+ years in the field of systems engineering, software engineering, operating system programming, or information security
Education	Bachelor's degree in engineering, systems engineering, computer science, management information systems, or related field preferred.
Certifications	Preferred but not absolutely required: • Linux+ • LPIC 2 • RHCSA • RHCE • Security+
Duties	Project Overview: Project supports the IT engineering team of a major federal customer providing security services including cyber incident response, threat analysis and security operations support. Job Description: The Linux Systems Engineer (Cybersecurity Engineer) will provide technical expertise working independently and/or with other engineers. The primary area of responsibility will be evaluating, integrating, and deploying new cybersecurity tools and capabilities. The Linux Systems Engineer will also provide Tier 3 technical support on current capabilities. The individual will evaluate new security technologies and make appropriate recommendations to ensure technical assessment capabilities remain current. This effort will require a skilled Linux Systems Engineer to enable standardized and consistent processes, user training, and implementation of innovative industry approaches and provide significant improvement to current capabilities. Daily Responsibilities: • Integration and optimization of Linux Systems and Security Applications • Development of micro service applications (containers) • Configure and harden Linux hosts • Engineer and deploy cyber analytics software (e.g. Unix/Linux, Spunk, Snort, Bro, and Suricata). • Develop and deploy BRO scripts to support security analytics • Develop and deploy YARA and Snort signatures • Perform standard administration tasks (packaging, OS installs, patch management) • Integrate Linux systems and applications with central logging system for security analytics, auditing and event forwarding

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Duties	• Develop site configuration documentation (As Build documentation, diagrams, transition to operations guides, support documentation, playbooks, etc…) • Transition integrated solutions to Operations for ongoing maintenance, monitoring, and support • Work hours are 8:00am – 5:00pm, Days Mon. – Fri. in Beltsville, MD.
Qualifications	Required: Basic Requirements • Applied systems engineering experience working with design principles and Linux server applications • Installing, configuring, and maintaining Linux systems (RedHat Enterprise Linux versions 6/7) • Experience with package and patch management via Satellite • Familiarity with Puppet, Chef, Ansible • Knowledge of STIG's and implementation Federal security baselines. • Scripting skills in BASH, Python, PERL (sh, csh, ksh, tcsh) or other widely used language. • Familiarity with Virtualization and Containers • Understanding of Linux based authentication mechanisms • Ability to document in depth information regarding system security baselines, configurations, deviations, and justifications for security recommendations. • Experience in the development, implementation, and review of YARA & Snort signatures is essential Desired: Skills: Preferred but not required • 5+ years working with Snort, Bro, and Security Onion • Knowledge of big data environments preferred • Deployment of Intrusion Detection Systems (IDS), Intrusion Prevention Systems (IPS) • Deep Packet Capture & Inspection deployment • Solid understanding of network concepts (TCP/IP, Routing, Subnetting, Services)

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For more information or inquiries, please contact us at: recruiter@pillarsystems.com