



Lead Information Systems Security Analyst

Job Code	20001001	Job Family	Technology	Professional / Knowledge Worker	
Department	Information Security	Reports to	Senior Manager, Information Security	Union Status	Non-represented
FLSA Status	Exempt	Pay Grade	2060	This Job is a Lead	Yes
Last Updated	4/4/2023				

Accountability for Workplace Culture

Our PUD values are at the center of our culture. Putting the safety, health, and well-being of our communities and those we work with is valued above all else and everyone on Team PUD must meet this commitment daily. Nothing we do in achieving our Mission is worth a single injury, and all who interact with us must feel they are valued and welcomed as individuals.

Everyone on Team PUD, in all positions, is accountable for achieving this safe and welcoming culture by:

1. Taking full ownership for the safety of themselves and their coworkers, while ensuring everyone feels valued and welcomed.
2. Taking action to identify and eliminate their own and others' at-risk behaviors, including the behaviors that may undermine another's feelings of being welcomed and valued.
3. Following all safety rules and regulations and ensuring the PUD's expectations for conduct and respect are maintained.
4. Openly sharing near-misses, safety learning opportunities, and ways we can learn to be a more welcoming place while encouraging others to do the same.
5. Utilizing Stop Work Authority to intervene with anyone, anytime, in any place.
6. Intervening or seeking guidance to stop actions that are harmful to the wellbeing, health, or sense of belonging of others, and which are detrimental to our PUD values.

Job Summary

The Lead Information Systems Security Analyst is responsible for protecting District information systems, data, and networks from threats, vulnerabilities, and cyber attacks. This position is accountable for and/or manages the installation, configuration, and management of software, hardware, and modern operating systems such as firewalls, data encryption, and cloud-based monitoring tools; prepares reports that document security incidents; assists in the design and implementation of security systems; and helps set and maintain security and regulatory compliance standards. This role will oversee, support, and enable the identification, prioritization, and resolution of critical infrastructure and security related issues that impact business operations and safeguard the recoverability, performance, compliance, and security of District infrastructure.

Accountabilities

Accountability #1

Fiscal Management:

Leads in leveraging technology and prudently managing costs to deliver outstanding value to our customers by participating in the support of technology systems to ensure the delivery of cost effective and efficient maintenance through adhering to best practices and standards on behalf of our customers and stakeholders. Provides input to solutions that provide value and continually enhance operational processes. Participates in infrastructure, software and vendor selections, and similar responsibilities.

Accountability #2

Business Innovation and Continual Improvement:

Deliver exceptional value to our customers through continual improvement and innovation by participating in the implementation of system changes and the deployment of new systems based on business needs, providing technical support in the analysis, evaluation of options, and solutions. Responsible for configuration/develop/administration, test, and documentation to ensure delivery of quality technical solutions that reliably and sustainably meet the needs of the Organization. Generally, works on changes with high risk and business impact or similar work. Estimates time and effort required to complete assigned tasks. Apprises project manager of status, schedule variances; outstanding issues, and similar responsibilities.

Accountability #3

Cyber Security (Security, PII and Confidentiality)/ Compliance:

Achieve the highest level of employee and community trust in how the District manages data and system security by leading in the security and confidentiality of technological systems, processes and data. Applies cyber security best practices through system administration, development, configuration and similar responsibilities. Ensures access to protected data (PII, HIPPA, etc.) is limited to authorized

personnel. Provides input to solutions that ensure cyber security and continually adjusts to operational processes to improve and ensure security and privacy requirements and similar responsibilities. Ensures compliance to all applicable standards by following established processes, and similar responsibilities.

Accountability #4

Operational Support:

Achieve the highest level of employee and community trust in how the District manages systems operations by leading the configuration, administration, support and maintenance of the District's computer systems to ensure they are highly available and ready for use in supporting the District's mission. Install, develops, set up, and tests hardware and software systems. Troubleshoots and resolves technical issues as they arise and implements and monitors improvements as necessary. Provides customer support by responding to all technology requests. Provides support based on operational best practices and methodologies (e.g. Agile, ITIL, Industry Standards, etc.). Knows the major products, processes and services of the District's business. Resolves simple incidents and problems per standard troubleshooting procedures, based upon education and using the incident management process, tools and escalation procedures, and similar responsibilities.

Accountability #5

Collaboration and Customer Service:

Build powerful partnership that reflects an understanding of customer needs by providing customer service (internal and external) through effective communication and collaboration to ensure technology needs are met to support the District's mission of providing reliable and cost-effective service. Builds and maintains effective relationships with stakeholders inside and outside the organization (e.g., customers, peers, cross-functional partners, external vendors, alliance partners). Models behaviors in building and sustaining an inclusive and equitable working environment by supporting all District employees. Actively supports and encourages every team member to share their ideas in an open and inclusive manner, and similar responsibilities.

Accountability #6

Accountability #7

Accountability #8

Accountability #9

Accountability #10

Minimum Qualifications Note

The minimum qualifications listed below are representative of the knowledge, skills, and abilities needed to perform this job successfully, as described in the Accountabilities. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential Accountabilities (duties and responsibilities) of this position. If you need assistance and/or a reasonable accommodation due to a disability during the application or recruiting process, please contact Human Resources at HRRecruiting@snopud.com, or by phone at 425-783-8655.

Qualifications – Education and Experience

Minimum Required Education and Experience:

Bachelor's Degree in Computer Science, Information Technology, or related field, AND Six (6) years of related Information Technology experience;

OR

Associate's Degree in Computer Science, Information Technology, or related field, AND Eight (8) years of related Information Technology experience;

OR

Ten (10) years of related Information Technology experience.

Preferred Education and Experience:

Qualifications – License(s) and/or Certification(s)

Minimum Required License(s) and/or Certification(s):

Preferred License(s) and/or Certification(s):

Any of the following and/or equivalent:

- CompTIA Security+;
- CompTIA Advanced Security Practitioner (CASP+);
- ISC2 Systems Security Certified Practitioner (SSCP);
- GIAC Security Essentials (GSEC);
- ISACA Certified Information Systems Auditor (CISA);
- ISACA Certified Information Security Manager (CISM).

Qualifications – Skills and Abilities**Minimum Required Skills and Abilities:**

- Information (cyber) security best practices.
- Data classification and privacy principles.
- Identity and Access Management (IAM) principles.
- Cloud-based systems and integrations.
- Familiarity with OSI layers, TCP/IP stack and common internet protocols/services.
- Communicate effectively, both verbally and in writing, with internal customers, contractors, and outside agencies.
- Participate as a team member at various levels and across department and functional lines.
- Promote the success of others and constructively resolve disagreements.
- Research, investigate, and resolve problems.
- Collect data from various sources and analyze and develop reports/documents.
- Use computers, automated systems, and databases.
- Learn, identify, interpret, apply, and communicate related District programs, projects, methods, and procedures.
- Learn, interpret, and apply District Directives.
- Coordinate a variety of tasks simultaneously.
- Use independent and discretionary judgment in accordance with leadership-defined criteria.
- Handle confidential information.
- Work in a flexible, self-directed team environment.
- Develop and maintain project schedules.
- Meet critical timelines and deadlines.
- Adapt and change priorities as necessary.
- Firewall configurations and best practices.
- Load balancer configurations and best practices.
- Enterprise backup and disaster recovery principles.
- Automation using scripting and/or programming.
- Utility industry and public organization regulatory compliance standards.
- Information Technology Infrastructure Library (ITIL) IT Service Management practices.
- Agile development and project management principles.

IT architecture principles.

Preferred Skills and Abilities:

Research and analysis principles.
Presentation skills and techniques.
Familiarity with auditing principles.
Report writing principles.
Contracts and purchasing processes.
Financial planning and budget development.

Competencies

The following competencies describe the cluster of behaviors associated with job success in the job group identified as “Professional / Knowledge Worker”.

- Adaptability
- Building Customer Loyalty
- Building Partnerships
- Communication
- Continuous Improvement
- Continuous Learning
- Courage
- Decision Making
- Earning Trust
- Emotional Intelligence Essentials
- Facilitating Change
- Influencing
- Initiating Action
- Innovation
- Leveraging Feedback
- Mentoring
- Planning and Organizing
- Positive Approach
- Professional Knowledge and Aptitude
- Stress Tolerance
- Technology Savvy
- Valuing Differences
- Work Standards

Physical Demands

Physical Demands List	Frequency
Sit	Frequent (34-66%)
Walk	Seldom (1-10%)
Stand	Frequent (34-66%)
Drive	Seldom (1-10%)
Work on ladders	Seldom (1-10%)
Climb poles or trees	Never
Work at excessive heights (note heights in open text box below)	Never
Twist	Seldom (1-10%)
Bend/Stoop	Seldom (1-10%)
Squat/Kneel	Seldom (1-10%)
Crawl	Never
Reach	Seldom (1-10%)
Work above shoulders (note specific activity in open text box below)	Seldom (1-10%)
Use Keyboard /mouse	Constant (67-100%)
Use wrist (flexion/extension)	Constant (67-100%)
Grasp (forceful)	Constant (67-100%)
Fine finger manipulation	Constant (67-100%)
Operate foot controls	Seldom (1-10%)
Lift (note weight in open text box below)	Seldom (1-10%)
Carry (note weight in open text box below)	Seldom (1-10%)
Push/Pull (note specifics in open text box below)	Seldom (1-10%)
Work rapidly for long periods	Occasional (11-33%)
Use close vision	Constant (67-100%)
Use distance vision	Seldom (1-10%)
Use color vision	Constant (67-100%)
Use peripheral depth perception	Never
Speak	Constant (67-100%)
Hear	Constant (67-100%)

Additional Physical Demands not listed above and associated frequency below.

Mental Demands

Communication	Frequency
Understand and carry out simple oral instructions	Frequent (34-66%)
Understand and carry out complicated oral instructions	Frequent (34-66%)
Train other workers	Frequent (34-66%)
Work alone	Frequent (34-66%)
Work as a member of a team	Frequent (34-66%)
Follow standards for work interactions	Constant (67-100%)
Write communications for clarity and understanding	Constant (67-100%)
Speak with clarity with others	Constant (67-100%)
Comprehension	Frequency
Read and carry out simple instructions	Constant (67-100%)
Read and carry out complicated instructions	Constant (67-100%)
Retain relevant job information	Constant (67-100%)
Reasoning	Frequency
Read and interpret data	Constant (67-100%)
Count and make simple arithmetic additions and subtractions	Occasional (11-33%)
Use intermediate and/or advanced math	Occasional (11-33%)
Organization	Frequency
Plan own work activities	Constant (67-100%)
Plan work activities of others	Frequent (34-66%)
Direct work activities of others	Frequent (34-66%)
Resilience	Frequency
Work under pressure	Frequent (34-66%)
Work for long periods of time	Frequent (34-66%)
Work on several tasks at the same time	Frequent (34-66%)

Additional Mental Demands not listed above and associated frequency below.

Work Environment

Environmental Conditions List	Frequency
Exposure to weather	Never
Wet and/or humidity	Never
Atmospheric conditions	Never

Confined/restricted working environment	Never
Vibratory Tasks – High	Never
Vibratory Tasks – Low	Never

Additional Environmental Conditions in this job not listed above and the associated frequency below.

Risk Conditions List	Frequency
Exposure to Heights	Seldom (1-10%)
Exposure to Electricity	Seldom (1-10%)
Exposure to Toxic or Caustic Chemicals	Never
Working with Explosives	Never
Exposure to Radiant Energy	Never
Extreme Cold	Never
Extreme Hot	Never
Proximity to Moving Mechanical Parts	Never
Noise Intensity	Never
Exposure to animals	Never
Working with angry customers	Seldom (1-10%)

Additional Risk Conditions present in this job not listed above and the associated frequency below.

On-Call Status and Frequency

On-Call is required.

- Yes
- No

On-call activities and frequency.

Regularly - more than 12 times a year.

Work Location

The primary assignment for this position is:

- Remote
- Office Hybrid
- On-Site
- Field/Job Site

While this description has provided an accurate overview of responsibilities, it does not restrict management's right to assign or reassign duties and responsibilities to this job at any time. This position description is designed to outline primary duties, qualifications, and job scope, but not limit our employees or the organization to complete the work identified. In order to serve our customers best, each employee will offer their services wherever and whenever necessary to ensure the success of the District in serving our customers, to further the safety, health, and inclusivity of employees and the public, and achieve expectations of the District overall, while also remaining flexible in recognition of the employee's wellbeing.