As we have seen in the response to recent high-profile vulnerabilities like Log4j, organizations remain challenged to understand whether they are susceptible to security vulnerabilities previously identified in software companies. This role will help spearhead CISA’s effort to advance the global effort to drive adoption of Software Bills of Material (SBOM), the equivalent of “food labels,” throughout the software supply chain, enumerating the specific packages and libraries used to construct the software. In this role, you will help refine, operationalize, and scale SBOM alongside a diverse set of interagency partners and industry leaders. Widespread adoption of SBOM will provide essential transparency in understanding security risks affecting our nation’s critical technology.

**MAJOR DUTIES**

1. Serves as a Senior Consultant and Advisor to senior and executive leadership within the Cybersecurity and Infrastructure Security Agency (CISA). CISA is the Nation’s risk reducer, working with partners to defend against today’s threats and collaborating with industry to build more secure and resilient infrastructure for the future. Provides private sector expertise and insight to enable CISA to better understand what incentives best stimulate private sector entities in becoming a CVE Numbering Authority (CAN), Software Bill of Materials (SBOM) participants, or sharing pre-disclosure information.

CISA is at the heart of mobilizing a collective defense as we lead the Nation’s efforts to understand and manage risk to our critical infrastructure. Our partners in this mission span the public and private sectors. Programs and services we provide are driven by our comprehensive understanding of the risk environment and the corresponding needs identified by our stakeholders. We seek to help organizations better manage risk and increase resilience using all available resources, whether provided by the Federal Government, commercial vendors, or their own capabilities.

1. Collaborates with interagency and industry experts projects, including technology and software assurance initiatives such SBOM. Utilizing personal knowledge and experience of total cybersecurity operations and broad managerial capability, reviews and evaluates the effectiveness and efficiency of an assigned project with the goal of advancing the efficiency of operations and future planning within CISA. Coordinates with the appropriate director to provide maximum support in obtaining new perspectives and methods to accomplish CISA's primary mission. (60%)

2. Responsible for establishing and leading plans and projects, identifies and resolves critical operating problems. Lead programs and projects to build the vulnerability management ecosystem such as SBOM, the next generation of SBOM, and vulnerability intelligence and coordination platforms. Directs and coordinates the conduct of special programs and management improvement reviews; provides a new perspective to the design and development of proposals and recommendations submitted by directorate organization elements. (25%)

Performs other duties as assigned.