Job Posting #:	07FB11022026	**Posting Type:**	External
Job Title:	Operational Technology Cybersecurity and Network Solutions Architect	**Grade/Classification:**	Grade 109/Exempt
Department:	Cybersecurity & Infrastructure	**Location:**	Fredericksburg, VA

Job Description

OVERVIEW

The Operational Technology Cybersecurity and Network Solutions Architect will be a seasoned professional responsible for supporting a comprehensive enterprise cyber and information security program, as well as designing and implementing network architecture strategies to optimize and secure an organization's infrastructure. The individual should be well-versed in cybersecurity, network design, and emerging technologies.

ROLE AND RESPONSIBILITIES

- Lead and support the enterprise cyber and information security program.
- Collaborate with related disciplines to ensure consistent application of cybersecurity standards.
- Continuously assess the deterrence posture against emerging and existing threat vectors.
- Aid stakeholders in understanding cyber risks associated with business decisions.
- Respond promptly to all security incidents to minimize loss and protect all assets.
- Design, test, and inspect data communications systems.
- Plan and execute network upgrades, including liaising with vendors for timely completion of projects.
- Address and troubleshoot complex network problems and outages.
- Collaborate with system architects on network optimization.
- Determine network and system requirements and make necessary modifications.

QUALIFICATIONS AND EDUCATION REQUIREMENTS

Associate's degree or equivalent experience in Computer Science, IT, Cybersecurity, or other related technical fields. Professional certifications in cyber, information systems, and networking.

The candidate will regularly assess and update cybersecurity tools and infrastructure components to ensure they meet current security and performance standards. Monitor infrastructure performance metrics and identify areas for improvement to enhance efficiency and security. Work closely with IT teams to implement and uphold best practices for infrastructure management and cybersecurity processes. Prepare and present findings, recommendations, and reports to management, auditors, and other relevant stakeholders. Stay updated with the latest trends and developments in cybersecurity and infrastructure to continually improve expertise and capabilities.

The candidate must have the ability to work both independently and within a team environment, to communicate with all levels of management and staff and actively participate in incident responses and related reporting.

Remote work, though centric to the Fredericksburg, VA office as needed. Periodic travel throughout the US is required. Occasional travel for customer engagements, seminars, and training with potential overnight stays.

HOW TO APPLY

Applicants: Use our https://brillit.co/careers to apply for the opportunity. Please indicate the Job Posting ID **#07FB11022026**

Deadline: Friday, November 6th, 2026 @ 5:00PM EST

*The above statements are intended to describe the general nature and level of work being performed by people assigned to this classification. They are not intended to be construed as a complete list of all responsibilities, duties, and skills required of personnel so classified.