



Zero Trust & Software Defined Network SME

Job Type: Full Time, Part Time, Remote
Number of Openings: 1-2
Location: Washington, D.C. Metro Area

Description: POWTEC, LLC is seeking one (potentially multiple) Zero Trust & Software Defined Networking Subject Matter Experts (SMEs) to support the Department of Interior, Office of the CIO (OCIO) in Reston, VA. This position requires the practical design and implementation of Zero Trust and Software Defined Networks, the trust algorithms that enable them, and potential future migration strategies for use within the Federal Government IT structure. This position will interact with DOI OCIO leadership and federal technical experts and may provide subject matter expertise to support discussions and deliverables for this initiative with interagency partners from the CIO Council and staff from the Office of Management and Budget (OMB) who are also participating in this initiative. Responsible for delivering high-quality solutions on schedule and on budget. Must be extremely customer focused and committed to providing excellent customer service. Serves as the primary point of contact for the client on all issues related to the project. Work under general to little supervision and assist with other company efforts as needed. Must be able to pass a Level 6 Public Trust Background check and drug screening to qualify.

Due to the nature of the specific requirements, this task may be executed by multiple personnel on a part-time basis. Candidates who have only a portion of the specific experience required and are interested in a part-time position are encouraged to apply.



Essential Duties and Tasks:

- Establish a Canary Network (CN) with initial operating capabilities applicable to testing ZTN Concepts.
- Develop Test Plan and Concept of Operations for the implementation of a ZTN.
- Identify and recommend reporting mechanisms for the consolidation of information with respect to findings of ZTN testing.
- Identify critical research/test questions and lead focus groups to test and measure the programmability of dynamic routing and other capabilities of ZTN.
- Identify and test trust scoring algorithms and tools that will enable secure, dynamic routing of end points to specific destinations and document the results and conclusions.
- Establish consistent standards for the real-time measurement of trust scores.
- Update Concept of Operations documentation and implementation guides.
- Recommend follow-on activities and/or migration actions for implementation within, or as a replacement for the Federal IT architecture.

Skills, Knowledge and Experience

- Demonstrated Full and Expert Level understanding of the Zero Trust & Software Defined Networking (ZTN/SDN) and the Ability to contribute to the Project Management Plan.
- Demonstrated experience in successful management of customer relationships with a variety of customers.
- Ability to build effective relationships at all levels of the organization.

Qualifications

- Bachelors' degree in IT and 5 or more years of progressive experience in the field or in a related area
- Must be able to pass Level-6 (Public Trust) security requirements (background check)
- Must be able to pass pre-employment drug screen, and will be subject to any post-accident and/or reasonable suspicion testing throughout employment
- U.S. Citizens only may apply



POWTEC, LLC

- Travel Required:** Yes, 10-15% or less
- Career Level:** Experienced Professional
- Contingencies:** (Background Investigation, Contingent on funding, contract award, customer approval of qualifications, etc.): Public Trust
- Relocation Available:** No
- Physical Demands:**
- Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, depth perception, and ability to adjust focus.
 - The employee may occasionally lift and/or move more than 20 pounds.
 - Employee will sit for several hours each day but will also need mobility and ability to stand, type, and walk for periods of time.
 - The employee is occasionally required to stand and stoop, kneel, crouch, or crawl.
 - While performing the duties of this job the employee is regularly required to use hands to finger, handle, or feel; reach with hands and arms; and talk or hear
 - Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions

To apply for this position, please complete an online application and submit a resume.

POWTEC, LLC is committed to providing employees with a Drug Free Workplace. Successful candidates for all positions must pass a background check and a pre-employment drug screen and may be subjected to post-accident and/or reasonable suspicion testing throughout employment.

POWTEC, LLC is proud to be an EEOC employer