



NETWORK INFRASTRUCTURE JOB FAMILY

CAREER PATH

Network Infrastructure Architect

This is a professional network operation position accountable for the development of network architecture and design. This position establishes network standards, platforms, protocols, and devices within the approved architecture. This position designs complex networks and communications systems and coordinates/oversees the planning and installation of complex networks and communication systems. Employees conduct high level network performance tuning and establish statewide integration and continuity of connectivity. The Network Infrastructure Architect coordinates the integration with external service providers and researches developments in network and communication technology, proposes business changes, and develops migration and implementation plans. This position also provides complex technical support in relevant fields of discipline, may serve as project leader and/or provide technical direction to lower-level team members, and mentor less experienced staff.

Knowledge, Skills, and Abilities

In addition to those identified in the previous levels within this career path:

Comprehensive working knowledge of and the ability to demonstrate successful use of computer equipment and associated software/databases in the performance of duties.

Comprehensive working knowledge of and the ability to demonstrate understanding of all assigned areas of network infrastructure, as well as the laws, principles, and practices as they are related to implementation within the agency.

Comprehensive working knowledge of and the ability to demonstrate understanding of the agency's policies, procedures, rules, and regulations in the performance of duties.

Comprehensive working knowledge of and the ability to demonstrate understanding and successful use of the principles and practices of project management techniques in the performance of duties.

Possess and demonstrate successful communication skills in English via all modes of communication.

Possess and demonstrate successful management and prioritization of work within predetermined deadlines and stressful/adverse situations.



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Possess and demonstrate the ability to successfully work as a team member and positively interact with a variety of people, as well as work hours as assigned.

Ability to demonstrate successful performance in the training and mentoring of junior staff.

Ability to demonstrate successful performance in the research, gathering, correlating, and analyzing of facts to develop reports, charts, recommendations, and/or solutions in the performance of duties.

Ability to demonstrate successful performance and adherence to the rules of conduct for Patrol employees in accordance with General Order 26-02, as well as all other applicable agency policy and procedures.

Ability to demonstrate successful performance and adherence to policy and procedure in the care and maintenance of restricted and confidential information in the performance of duties.

Ability to work with material that may be of a sexual nature relating to criminal activity (e.g., written material, photographs, and/or verbal language, etc.)

Minimum Requirements *(The following represents the minimum qualifications used to accept applicants, provided that equivalent substitution will be permitted in case of deficiencies in either experience or education.):*

Bachelor's degree from an accredited institution and five years of relevant IT experience.

Must be a United States Citizen, or a legal resident of a country participating in the Visa Waiver Program (VWP).

Necessary Special Requirements

Documented successful completion of at least 26 hours of professional skill development and leadership training each calendar year.

Pay grade: 33

FLSA Status: Exempt



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Work Schedule: An employee in this position works an eight-hour shift as directed; however, working hours are subject to change at the discretion of the commanding authority.

Effective: 02/01/2025

Reviewed: 02/01/2025

Revised: --