ASSOCIATE NETWORK ENGINEER
Location: Delaware Memorial Bridge, New Castle, DE

Salary: $79,000 to $96,800 (Grade 108)
(Commensurate with experience and skills)

Opening Date: October 19, 2026 **Closing Date: Until Filled**

I. POSITION SUMMARY

This position reports to and will work with and support the Principal Network Engineer. Daily activities will include the administration and security of the networks, databases, operating systems, backups, and the related infrastructure that sustain the business needs of the Delaware River and Bay Authority (Authority). This individual will be part of project teams interfacing with various departments throughout the Authority. This position will assist with the administration, support, backup, and maintenance of switches, routers, firewalls, and VPN devices in a distributed environment and be proactive in problem prevention and resolution. The Associate Network Engineer will assist in maintaining system security, network support and in the development of the policies and procedures for disaster recovery, backup and retention, capacity planning and system usage. This individual is responsible for following established safety practices while performing assigned duties to protect self, co-workers, and the public from personal injury and to prevent damage to Authority property. This position is subject to twenty-four (24) hours on call to ensure continuous network and system operation.

II. ESSENTIAL DUTIES AND RESPONSIBILITIES

- Support the management, configuration, administration, and monitoring of the firewalls, networks, and security
- Support in the engineering of system-related solutions for assigned projects; maintain system standards; create and/or maintain system documentation
- Support the Principal Network Engineer to protect the Authority's networks from security breaches; investigate; and mitigate if one occurs
- Support in the administration and optimization SIP/VoIP phone protocol across wide area network
- Support and perform daily system monitoring; verify the integrity and availability of all hardware, server resources, systems, and key processes; review system and application logs and verify completion of scheduled jobs; perform regular file archival and purges
- Apply ongoing critical system patches and upgrades on a predetermined schedule; upgrade administrative tools and utilities; configure and add new services as required; manage, set up and administer IP addresses
- Create, change, and delete user accounts per authorized request via the firewall; secure information/data to authorized users
- Upgrade and configure system hardware and software; repair and recover from hardware or software failures; perform ongoing performance tuning, hardware upgrades, and resource optimization; make recommendations for new hardware and software purchases, interfacing with various vendors for procurement; maintain inventory of all hardware and software resources
- Provide backup to the Principal Network Engineer
- Provide the highest level of customer service and professionalism to all internal and external customers

III. REQUIRED KNOWLEDGE, SKILLS, AND ABILITIES

- Strong verbal and written communications skills with the ability to explain technical concepts to a non-technical audience; capable of writing basic documentation
- Possess a high ethical and moral character as privileged access to confidential data will be an essential component of the job function
- Excellent analytical and troubleshooting skills with meticulous attention to detail
- Ability to work in a strong team environment as well as independently as the need arises
- Experience with enterprise-level network design, engineering, and administration
- Experience with networking devices such as firewalls, routers, and switches
- Experience with vulnerability scanning solutions
- Strong problem-solving skills understanding the importance of timely resolution and follow-through
- Working knowledge of networking hardware, in particular Cisco routers, switches, and Wi-Fi controllers
- Working knowledge of networking (Cisco), distributed computing environments and routing protocols; EIGRP, BGP, OSPF, and/or MPLS
- Working knowledge of wireless networking to include Cisco and/or Aruba wireless networks
- Working knowledge of SD-WAN, DMVPN, and Endpoint Security
- Knowledge of monitoring software
- Knowledge of security solutions to include antivirus software, RSA authentication, and web filters
- Basic knowledge of SIP/VoIP
- Basic knowledge of Linux and Windows Operating Systems
- Basic knowledge of hardware repairs
- Ability to keep up with the fast pace of changes in information technology security trends
- Ability to handle multiple complex projects within budget and on schedule; ability to handle multiple priorities to ensure goals are met in a timely manner
- Ability to lift and move equipment weighing 40 lbs.
- Ability to provide excellent customer service

IV. REQUIRED EDUCATION AND EXPERIENCE

- Associate degree in Computer Science or the equivalent combination of education, technical training, or work/military experience; Bachelor's Degree in Computer Science or Engineering preferred
- One (1) year experience in Cisco networking technologies (Routing and Switching preferred)
- One (1) year experience in network security preferred

V. LICENSES, REGISTRATIONS, AND/OR CERTIFICATES

- Valid driver's license
- CCNA
- CCNA – Routing and Switching *Preferred*

VI. SPECIAL REQUIREMENTS

- Subject to drug test, background investigation, and pre-employment physical
- Delaware River and Bay Authority requires all employees to have direct deposit with a financial institution to receive their bi-weekly pay
- Applicants must be willing to attend technical schools, training and/or courses of

instruction within the Delaware River and Bay Authority's facilities or at other designated training facilities

- Required to be available for duty at all hours (24x7) as may be required in order to maintain continuous operation of the Authority's networks.
- Required to travel to all Authority locations to maintain continuous operation of the wide area and local area networks, databases, and applications

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If you are interested in applying for this position please complete the on-line application at www.drba.net. In addition to the online application, please attach a current resume.

The Delaware River and Bay Authority is and Equal Opportunity Employer