

## **Information Technology Network Engineer**

The Howard County Public School System (HCPSS) is one of the leading school systems in the state of Maryland and the nation. In alignment with our *Strategic Call to Action*, our mission is to ensure academic success and social emotional well-being for our approximately 57,000 students in an inclusive and nurturing environment that closes opportunity gaps. To learn more about employment with HCPSS, please visit <https://www.hcpss.org/employment/>.

### **DESCRIPTION**

Under the direction of the IT Network and Server Manager, the Network Engineer position will be responsible for the data network and all network equipment that supports the school system. This equipment encompasses 80 sites and multiple data centers, and includes firewalls, routers, switches, and wireless. This position will be responsible for the planning, implementation, and day-to-day support of the network.

### **ESSENTIAL POSITION RESPONSIBILITIES**

- Maintain, install, upgrade, configure firewalls, switches, and wireless.
- Monitor all equipment and respond to alerts and issues, and ensure maximum network uptime and performance.
- Fully document all network equipment and maintain this documentation.
- Manage network capacity planning, troubleshooting, and technical tuning of the data network and telecommunication systems to maximize performance.
- Maintain knowledge of current technology and trends as they relate to the HCPSS network.

The above list is a summary of the functions of the job, not an exhaustive or comprehensive list of all possible job responsibilities, tasks, and duties.

### **MINIMUM QUALIFICATIONS**

**Applicants must meet all the qualifications listed below to be considered for the vacancy.**

<b>Applicants must meet the criteria in ONE of the rows below.</b>	
High school diploma or GED equivalent.	Nine (9) years of work experience in supporting the day-to-day operation and troubleshooting of a large data network, including LAN/WAN networking; configuring, managing, and troubleshooting Palo Alto firewalls; hands-on experience configuring, managing, and troubleshooting routers, switches, and wireless equipment; and network and infrastructure design.

Associate's degree in computer science, information systems, business administration or related field	Seven (7) years of work experience in supporting the day-to-day operation and troubleshooting of a large data network, including LAN/WAN networking; configuring, managing, and troubleshooting Palo Alto firewalls; hands-on experience configuring, managing, and troubleshooting routers, switches, and wireless equipment; and network and infrastructure design.
Bachelor's degree in computer science, information systems, business administration or related field	Five (5) years of work experience in supporting the day-to-day operation and troubleshooting of a large data network, including LAN/WAN networking; configuring, managing, and troubleshooting Palo Alto firewalls; hands-on experience configuring, managing, and troubleshooting routers, switches, and wireless equipment; and network and infrastructure design.

### **PREFERRED QUALIFICATIONS**

- Certifications such as CCNA, CCNP, Palo Alto PCNSA/PCNSE.
- Two (2) years of experience and/or a combination experience with the following:
  - Cisco and Aruba switches
  - Protocols including IP-based VoIP and video systems
  - Managing and upgrading VPN and other security solutions
  - Scripting languages such as Python and Powershell
  - Windows and Linux operating system platforms and Hyper-V or other virtualization platforms
  - Cloud platforms such as Azure or AWS

### **SELECTION REQUIREMENTS**

Applicants who meet the minimum qualifications will be included in further evaluation. The evaluation may be a rating of your application based on your education, training, and experience as they relate to the requirements and preferred qualifications of the position. Therefore, it is essential that you provide complete and accurate information on your application. Please report all related education, dates, and hours of work. Clearly indicate your college degree and major on your application, if applicable.

For education obtained outside the U.S., any job offer will be contingent on the candidate providing an evaluation for equivalency by a [foreign credential evaluation service](#) prior to starting employment (and may be requested prior to interview).

### **EMPLOYMENT INFORMATION**

This is a 12-month per year position in the Howard County Education Association's Educational Support Professionals (HCEA-ESP) employee unit. The current salary range for this position is on the Technical Central Office and School Based salary scale, Grade 26, \$93,690 - \$141,180. Salary will be determined by actual relevant experience and in conjunction with salary procedures of the Howard County Public School System. Under the Fair

Dr. Michael J. Martirano, Superintendent

Labor Standards Act, this position is exempt from overtime.

Under the HCPSS Telework Program, this position may be eligible for a hybrid work schedule. Telework schedules will be determined by the department and/or supervisor. Telework during the probationary period will be subject to approval and based on the needs of the department and the school system.

### **APPLICATION REQUIREMENTS**

Complete applications must be submitted by the closing date. Information submitted after this date will not be added. Incomplete applications will not be accepted. Resumes will not be accepted in lieu of a completed application.

**Only applicants who submit all the requested information by the closing date of the vacancy will be considered for this position.** Interviews will be limited to those applicants who, in addition to meeting the basic requirements, have experience and education which most closely match the position qualifications and the needs of the school system.

Please note that a completed application includes:

- A complete application form that includes a listing of employment locations with dates of employment and documents) required to verify that you meet the minimum qualifications.
- All supplemental materials (i.e.: resume, letter of introduction, and transcripts) are required to verify that you meet the minimum qualifications.

For questions regarding this vacancy, please contact [recruitmentinquiries@hcpss.org](mailto:recruitmentinquiries@hcpss.org).

### ***Equal Opportunity Employer***

HCPSS celebrates diversity and is committed to creating an inclusive environment for all employees and applicants and prohibits discrimination, harassment, and retaliation of any kind. HCPSS is committed to the principle of equal employment opportunity for all employees in providing them with a work environment free of discrimination and harassment. All employment decisions at HCPSS are based on organizational needs, job requirements and individual qualifications, without regard to race, color, religion or belief, national, social or ethnic origin, sex (including pregnancy), age, physical, mental or sensory disability, sexual orientation, gender identity and/or expression, marital, civil union or domestic partnership status, veteran status or present military service, family medical history or genetic information, family or parental status, or any other characteristic protected by federal, state or local laws.