

SESC JOB POSTING

Job Title: Chief Network Engineer and Infrastructure Services
Location: McDowell County
Reports To: SESC Administrator/Superintendent

FSLA Status: Exempt
EMPLOYMENT TERM: 240 days annually
COMPENSATION: Raleigh County Coordinator Salary Schedule

SUMMARY

The Chief Network Engineer is responsible for the design, implementation, security, operation, and maintenance of the district's technology infrastructure, including LAN/WAN networks, wireless systems, internet connectivity, cybersecurity systems, voice communications, data centers, and cloud-based services. The position ensures reliable, secure, and scalable technology services that support teaching, learning, and district operations.

ESSENTIAL DUTIES AND RESPONSIBILITIES

Network Infrastructure

- Design, implement, and maintain district-wide wired and wireless networks.
- Manage routers, switches, firewalls, access points, fiber infrastructure, and internet services.
- Monitor network performance, capacity, and availability.
- Troubleshoot complex network issues and coordinate vendor support when necessary.
- Plan and oversee network upgrades and expansions.

Cybersecurity

- Implement and maintain network security standards and procedures.
- Manage firewalls, content filtering, intrusion detection/prevention systems, and access controls.
- Conduct vulnerability assessments and security audits.
- Develop and maintain disaster recovery and business continuity plans.
- Respond to cybersecurity incidents and coordinate remediation efforts.

Systems Administration

- Support DNS, DHCP, Active Directory, cloud services, and authentication systems.
- Oversee data backup, recovery, and network documentation.
- Ensure compliance with federal, state, and district technology requirements.
- Maintain software and hardware inventories.

Leadership and Planning

- Serve as the district's lead technical expert for networking and infrastructure.
- Participate in long-range technology planning and capital improvement projects.
- Develop technology standards and best practices.
- Assist with budget development, purchasing decisions, and vendor management.
- Train and mentor technology staff.

EDUCATION AND EXPERIENCE

Education

- Bachelor's degree in Information Technology, Computer Science, Network Engineering, or related field.

Certifications Preferred

- Cisco CCNA, CCNP, or CCIE
- Aruba, Fortinet, Palo Alto, CompTIA Network+
- Microsoft or cloud certifications (Azure/AWS)

Experience

- 10 or more years of enterprise network administration experience.
- Experience with K-12 school district technology environments preferred.
- Experience managing large-scale wireless, security, and cloud environments.
- Experience with E-Rat projects and state and federal technology grants.

- Experience with WVEIS

Knowledge and Skills

- LAN, WAN, WLAN, VLAN, TCP/IP, DNS, DHCP, VPNs.
- Cisco, Aruba, Fortinet, or equivalent networking platforms.
- Network security and cybersecurity best practices.
- Strong project management, communication, and leadership skills.
- Ability to explain technical concepts to non-technical stakeholders.

QUALIFICATION REQUIREMENTS

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Aside from having experience in working with school-age children, effective written and verbal communication skills and familiarity with local health and human service agencies a site coordinator must possess the knowledge, skills and personal attributes needed by entry-level professional to support the critical features of positive youth development settings. These core competencies are as follows:

- Understand and apply basic child and adolescent development principles.
- Communicate and develop positive relationships with youth.
- Adapt, facilitate and evaluate age appropriate activities with and for the group.
- Respect and honor cultural and human diversity.
- Involve and empower youth.
- Identify potential risk factors (in a program environment) and take measures to reduce risk.
- Care for, involve and work with families and community.
- Work as part of a team and shows professionalism.
- Demonstrate the attributes and qualities of a positive role model.
- Interact with and relate to youth in ways that support asset building.

LANGUAGE SKILLS

Excellent verbal and written communication skills. Ability to analyze and interpret business periodicals, professional journals, technical manuals, and governmental regulations. Ability to write and edit reports, business correspondence, and procedure manuals. Ability to effectively present information and respond to questions from managers, clients, and the general public, orally and in writing. Ability to speak effectively to guest, candidates or employees of the organization.

REASONING ABILITY

Ability to define problems, collect data, establish facts, and draw valid conclusions. Ability to interpret an extensive variety of instructions and deal with abstract and concrete variables.

PHYSICAL DEMANDS:

The physical demands described are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is frequently required to reach, stand, walk, lift, grasp, write, talk, hear, see, use technology such as computers and multimedia equipment, and use repetitive motions. While performing the duties of this job, the employee may frequently lift and/or move at least 10 pounds of materials. Specific vision abilities required by this job include close vision such as to read handwritten or typed material, the ability to adjust focus. The position requires the individual to meet multiple demands from several people and interact with the public and other staff members.

Closing Date: 7-29-26 at 4pm – or until filled.

Send Resume and application to: jlbutcher@wvesc.org

WORK ENVIRONMENT

The position is located at the designated schools. Regular and satisfactory attendance and punctuality are required. The office space is located in the area assigned by the school's principal.

Criminal background check required.

The information contained in the job description is for compliance with the Americans with Disabilities Act (ADA) and is not an exhaustive list of duties performed by this position. Additional duties are performed by the individuals currently holding this position and additional duties may be assigned by the Superintendent or his/her designee.

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