



Senior Network Engineer

Washington County offers a full compensation package that reflects how much we value our employees. Please take a look at what you can expect to earn as the **Senior Network Engineer** your first year as a full time Employee with Washington County Government:

- ✓ **Sixty (60) Paid Personal Hours**
- ✓ **Eighty (80) Paid Vacation Hours**
- ✓ **Fourteen (14) Paid Holidays**
- ✓ **One Hundred & Twenty (120) Paid Sick Hours**
- ✓ **County and Employee funded Healthcare including Health, Prescription, Dental and Vision Coverage**
- ✓ **County Paid Employee Assistance Plan**
- ✓ **County Paid Life Insurance**
- ✓ **County Paid Accidental Death and Dismemberment Insurance**
- ✓ **County Paid Short Term Disability Insurance**
- ✓ **County Paid Long Term Disability Insurance**
- ✓ **Up to \$2,500.00 Annual Tuition Reimbursement Assistance**
- ✓ **County and Employee funded Defined Pension Plan**
 - **Vested in just five (5) years.**
 - **Credit for Prior Active Military Service and Unused Paid Sick Days.**
- ✓ **An Annual minimum Salary of \$57,158 starting..**

If our **Senior Network Engineer** comprehensive compensation package interests you, please continue reading through our job posting to learn more about the position's duties, responsibilities, prerequisites, etc. and apply online today.



JOB TITLE: Senior Network Engineer

GRADE: 16

DEPARTMENT: Information Technology

FLSA STATUS: Exempt

REPORTS TO: IT Director

GENERAL RESPONSIBILITIES:

The Senior Network Engineer is responsible for the design, implementation, maintenance, and performance of the County's network infrastructure, including routing, switching, firewalls, wireless systems, and Internet connectivity. This position ensures reliable network services to support County operations and reports directly to the IT Director.

ESSENTIAL FUNCTIONS/TYPICAL TASKS:

(These are intended only as illustrations of the various types of work performed. The omission of specific duties does not exclude them from the position if the work is similar, related, or a logical assignment to the position.)

1. Design, configure, and maintain LAN/WAN, wireless, and cloud-based networks.
2. Install, configure, and manage firewalls, switches, and routers.
3. Monitor network performance and proactively identify and resolve issues.
4. Maintain and enhance security posture through access controls and best practices.
5. Manage DNS, DHCP, VPNs, VLANs, and other core network services.
6. Lead and coordinate network-related projects and upgrades.
7. Document network configurations, diagrams, and procedures.
8. Collaborate with vendors and service providers to ensure optimal service.
9. Provide escalated support for complex network problems.
10. Maintain redundancy and disaster recovery capabilities for network services.
11. Evaluate emerging technologies and recommend improvements.
12. Perform capacity planning and network forecasting.
13. Maintain an inventory of networking hardware and licenses.
14. Support cybersecurity audits and compliance initiatives.
15. Train and mentor IT support staff in networking best practices.
16. Participate in on-call rotation and respond to after-hours incidents as needed.
17. Perform related work as required.

KNOWLEDGE, SKILLS AND ABILITIES:

1. Extensive knowledge of networking protocols including TCP/IP, BGP, OSPF, EIGRP.
2. Strong understanding of firewall technologies (e.g., Cisco, Palo Alto, Fortinet).
3. Proficiency in managing enterprise-grade wireless systems and remote access.
4. Knowledge of network security best practices and tools (e.g., IDS/IPS).
5. Ability to configure and troubleshoot Cisco, HPE/Aruba, and similar platforms.
6. Experience with cloud network integration (e.g., Azure, AWS).
7. Strong analytical and problem-solving skills.
8. Ability to work independently and collaboratively on technical projects.
9. Excellent documentation, communication, and organizational skills.
10. Ability to respond to network outages and emergency issues promptly.

EDUCATION AND EXPERIENCE:

1. Bachelor's degree in computer science, Information Technology, or related field.
2. Minimum of 5 years' experience in enterprise networking.
3. Cisco Certified Network Professional (CCNP) or equivalent preferred.
4. Experience managing complex hybrid networks across multiple sites.

A comparable amount of training and experience may be substituted for the minimum qualifications.

PHYSICAL REQUIREMENTS:

This is light work requiring the exertion of up to 20 pounds of force occasionally and up to 10 pounds of force frequently. Work requires visual acuity to prepare and analyze data and operate network equipment. The worker may be subject to outside environmental conditions and must be able to access and work in equipment closets, data centers, and remote sites.

SPECIAL REQUIREMENTS:

- Possession of a valid driver's license.
- Must pass a criminal background check.
- May be required to be on-call 24/7 in case of emergencies.

Reasonable accommodations may be made to enable individuals with disabilities to perform the essential tasks.

Rev. 5/2025

Easy Ways to Apply:

1. Visit our website at <https://www.washco-md.net/jobs/>
or
2. Complete and email an Application to HR@washco-md.net
or
3. Complete and mail Application to:
**Washington County Human Resources Department,
100 W. Washington Street, Room 2300,
Hagerstown, Maryland 21740**

Washington County is an Equal Opportunity Employer. Individuals requiring special accommodations or assistance are requested to contact the Human Resources Department at 240-313-2350, Voice or TDD (D/HH use 711) M/F/H/V.

DEADLINE FOR FILING APPLICATIONS WITH HUMAN RESOURCES:

Friday June 13th, 2025 @ 4:00 PM