



KITSAP PUBLIC UTILITY DISTRICT
1431 FINN HILL RD
PO Box 1989
POULSBO, WA 98370
OFFICE 360-779-7656
FAX 360-779-3284

NETWORK ENGINEER

Job Title : Network Engineer
Reporting To : Telecommunications Director
Department : Telecommunications
Job Type : Full-Time / Non-Exempt
Pay Range : \$27.59 - \$44.15 per hour, depending on experience and qualifications
Benefits : Excellent benefit package including retirement, medical/dental insurance and PTO
Location : Poulsbo, WA + travel within Kitsap County
Schedule : Monday – Friday 7:30 am – 4:00 PM, occasional evenings & weekends

Job Summary:

Kitsap PUD is currently seeking a Network Engineer. The primary job function will be to focus on operations, which includes installation, provisioning, testing, maintenance and on-call support for network outages. The successful candidate must have knowledge of Ethernet, IP, MPLS, routing, switching (STP, Tunneling), QOS and network design.

Minimum Qualifications:

- Technical school or college degree in computer science, IT, networking, or related discipline(s) from an accredited technical school or college
- In lieu of technical school or college, a high school diploma and at least 5 additional years of relevant experience is acceptable.
- Possess networking certifications such as Cisco CCNA or similar, or the ability to obtain
- Thorough knowledge of standard network concepts, practices and applications.

Preferred Qualifications:

- Associates or bachelor's degree in computer science, IT, networking or related discipline(s) from an accredited college or university + 5 years of direct experience
- A non-related college degree with 5 years of proven performance in a related discipline

Required Network Engineering Skills:

- Understanding of IP/Ethernet routing and switching
- Routing protocols such as BGP and OSPF
- IPv4 and IPv6 numbering schemes, aggregation and allocation
- Configuring and troubleshooting Ethernet circuits on a service provider network
- Layer 2 network design and standards, including Ethernet WAN technologies, MEF services, IEEE standards 802.1ad QnQ, and 802.1q VLAN tagging
- Advanced network trouble-shooting skills, including familiarity with Wireshark and use of other packet analysis tools



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- Advanced knowledge of Core, Distribution, and Access layer designs and topologies
- Familiarity with best network security practices
- CCNA certification or the ability to obtain within 6 months. Equivalent certification accepted

Preferred Network Engineering Skills:

- MPLS design, implementation, provisioning and troubleshooting
- Familiarity with transport technologies – SONET, DWDM/CWDM and Carrier Ethernet
- Experience evaluating network vendor products and technologies
- A strong Linux background
- Experience operating and maintaining an FTTH network
- CCNP preferred; equivalent certifications accepted

Network Equipment Skills:

- Cisco routers and switches
- Allied Telesis switches and Customer Premise equipment
- ADVA optical ethernet lineups

Position Requirements:

- Ability to demonstrate a strong commitment to Kitsap PUD's core values when working; alone, within a team and with customers
- Self-starter with a strong desire to learn
- Ability to be on-call for network outages and priority projects
- Ability to perform maintenance work as scheduled at night or early morning
- Knowledge and experience with process management and improvement techniques
- Ability to manage projects from order through implementation
- Strong organizational and written and verbal communication skills
- Strong people and customer relationship skills and the willingness to be accountable for results
- Must possess a valid Washington State driver's license

Applicants are considered for all positions without regard to race, color, religion, sex, national origin, age, sexual orientation or genetic information.

Position will remain open until filled. Please submit a completed job application to: hfinance@kpud.org.
Job applications are available at: www.kpud.org/employment.php.