JOB TITLE: **Network Engineer**

DEPARTMENT: **Salish Networks, Inc.**

JOB DESCRIPTION: **This individual will provide technical expertise and proficiency to install and maintain reliable and efficient operations of the internal and external networks designed to support Salish Networks and our customer base.**

TO APPLY: Complete the web form application located on the Quil Ceda Village Self Service Portal:

https://ess.tulaliptribes-nsn.gov/MSSQCV/employmentopportunities/default.aspxhttp://quilcedavillage.org/Employment. For more information or questions, please visit: http://quilcedavillage.org/Employment or call Quil Ceda Village HR at 360-716-5016.

NOTE: The Tulalip Tribes publicly announces that Indian Preference in hiring applies to Tulalip job opportunities.

EMPLOYEE CLASSIFICATION: Non-Exempt

EMPLOYEE REPORTS TO: Network Manager

EMPLOYEE SUPERVISES: N/A

EDUCATION:

- High school Diploma or GED equivalent required. **(Must be attached or application will be rejected)**
- Current CCNA Certification Required
- Current Network + Certification preferred
- Current or Prior Certification. (If not currently Certified, must be able to recertify within 6 months of hire for continued employment

SKILLS:

- Establishing and maintaining IT and digital communication infrastructure, including wireless, LAN, and WAN networks

- Making sure that the networks are protected from malware and viruses, identifying areas that might be under threat and areas where security can be improved, keeping up to date on ever-changing cyber-threats
- Installing and maintaining Routers, Switches, and Firewalls establishing and maintaining company-wide access policies to the internet
- Providing technical support and assistance to Employees and Customers.
- Performing analysis and collecting data to establish the potential for improvements within the communication networks
- Working with third-party providers to keep the networks running efficiently
- Maintaining the Company's network infrastructure and working closely with the service providers to keep the network active and operational at all times
- Ability to work independently, prioritizing and completing tasks with little supervision
- Must be able to work well under pressure and within time restraints
- Must have excellent verbal and written communication skills
- Must have strong foundation in principles, planning, and implementation of TCP/IP networks and, have knowledge of WAN topologies, telecommunications products, and protocols.
- Must have a solid understanding of the OSI Layers, TCP/IP Layers and how to apply it
- Must have knowledge of WAN topologies, telecommunications products, and protocols
- Must have ability to adapt and knowledge to support multiple vendors, Brocade, Ruckus, Juniper, Cisco, Cisco Meraki, Zhone, Adtran, Fortigate, Infoblox, SolarWinds, and more.
- Preferred experience managing firewall rules and policies
- Preferred understanding of WAN switching and routing techniques for Ethernet networks
- Must have some experience with TCP/IP packet capture, and analysis
- Must be able to troubleshoot, identify, and replace failed network equipment
- Must be able to keep accurate documentation of network design and changes
- Must have some understanding of Windows Server, VM Ware, and Windows Desktop OS
- Must have a minimum two (2) years of experience providing after-hours technical support for network or connectivity failures

EXPERIENCE:

- Must have three (3) or more years of experience managing network routers, switches and firewalls
- Must have a minimum two (2) years of experience working as a CCNA technician

OTHER REQUIREMENTS:
- In-depth knowledge of network monitoring software

- Knowledge of and experience with major Internet routing protocols such as BGP and OSPF
- Must have experience designing networks and datacenter installations utilizing L2 and L3 protocols
- Must have competence with testing tools and procedures for voice and data circuits
- Must have experience with, and expertise in many of the following protocols and technologies: Ethernet, IPv4 & IPv6, TCP, BGP, OSPF, HSRP, VRF, MPLS, VLANs, STP & RSTP, TACACS, IPSEC & VPNs, DNS, HTTP, DHCP, NTP, FTP, Netflow, SIP, T1/DS1, 802.11, POE, and Firewalls

- Must have the tolerance and patience for dealing with upset, angry, and/or frustrated individuals
- Must have and maintain a valid state driver license. Employee will be required to use company vehicle(s) to visit various customer locations as well as Tribal department for installation, troubleshooting and repairs (**documentation must be attached**)
- Must be able to successfully complete a Tribal, State and Federal background investigation
- Must be able to pass a hiring and periodic random urinalysis
- Must possess and maintain personal automobile insurance (**documentation must be attached**)
- Must be available 24/7 for any travel emergencies that may arise
- Must be available for periodic overtime or on-call status as required
- Must be willing to attend progressive job-related training as requested
- Must have a successful employment history with current and past employers

PHYSICAL CHARACTERISTICS AND/OR PREREQUISITES:
- Manual and finger dexterity for the operation of a personal computer and routine paperwork

- Stamina to stand and/or walk for prolonged periods of time

- Stamina to work with hands above head for prolonged periods of time

- Mobility to bend, stoop, and/or climb stair on an occasional basis

- Strength to lift object weighing up to 50 lbs frequently, and objects weighting up to 75lbs occasionally.

SPECIFIC JOB PERFORMED:
- Install, configure and support a wide variety of network equipment such as routers, switches, ONT's, Modems, and other network equipment.

- Create, maintain and update documentation of the commercial network infrastructure.

- Monitor LAN/WAN performance and troubleshoot problem areas as needed

- Troubleshoot, identify, repair and/or replace faulty LAN/WAN systems, equipment, or components

- Monitor network traffic and status to provide early detection and isolation of network issues.

- Perform comprehensive monitoring and alerting of network systems across the entire network infrastructure.
- Perform routine security checks to ensure network integrity.
- Conduct periodic security audits, including simulated sniffing, eavesdropping, penetration testing, and devices settings management.
- Performs updates, patching, and full system upgrades for all L2 and L3 network equipment.
- Provide first layer response for after hour support for network and connectivity issues to residential, commercial and enterprise customers
- Provide after hour access to secure network spaces to commercial co-location customers
- Troubleshoot and repair various commercial third-party high-speed data lines for commercial and enterprise customers
- Triage, assess and mobilize equipment, parts, staff and materials to restore network connectivity in emergency conditions to minimize system downtimes
- Coordinate planned network outages with external customers to minimize network traffic disruption
- Participate in the daily operation of the corporate network and telephony infrastructure
- Assist in technology projects as assigned
- Performs other related duties as deemed necessary or requested

BASE WAGE: USD $DOE/ Hour Base.

TERMS OF EMPLOYMENT: This is a regular Full-time position requiring at least 40 per week, or 2080 hours per year. Increase in pay is subject to budgetary restriction, following successful completion of applicable probationary period. Relocation expenses will not be authorized.

Disclaimer: The information provided in this description has been designed to indicate the general nature and level of work performed by incumbents within this job. It is not designed to be interpreted as a comprehensive inventory of all duties, responsibilities, qualifications and working conditions required of employees assigned to this job. Management has sole discretion to add or modify duties of the job and to designate other functions as essential at any time. This job description is not an employment agreement or contract.