



## JOB OPPORTUNITY

The Kativik Regional Government (KRG), a supra municipal body with jurisdiction over the territory located north of the 55th parallel, is now looking for a self-motivated and dynamic individual interested in joining the KRG to work in the capacity of:

### **SENIOR NETWORK ADMINISTRATOR -TAMAANI INTERNET SERVICES** (PERMANENT FULL-TIME)

Under the supervision of the Coordinator of Network Operations, the Senior Network Administrator supports and maintains KRG's satellite, long haul fiber optic and local distribution networks. The Network Administrator is also responsible for the design, specification and implementation of new network services, as well as providing documentation, procedures and training to Internet Services staff.

#### **TASKS:**

- Maintain and configure devices related to internet networking. This includes Cisco routers and switches, Cisco Firewalls, Traffic shapers and Mikrotik Hardware. As well as Calix E7 and LTE Packet Cores.
- Maintain, configure and install devices related to a wireless broadband Internet Service and wireless LAN This includes LTE Modems.
- Monitor the network for outages, congestion, packet loss, interface errors or other problems;
- Provide level 3 support to Customer Service Representatives for network related issues;
- Ensure documentation of all systems related to network activities and infrastructure;
- Assist with the management of the Internet service billing system (Powercode) and supporting VM infrastructure.
- Provide technical training to junior and intermediate technical staff;
- Perform quality checks on Customer Internet connections using iPerf3, and other certification tools.
- Coordinate network emergency response with local agents and intervene in person if necessary;
- Maintain an inventory of spare equipment and parts for emergency repairs;
- Advise the Coordinator of Network Operations and the Assistant Director on infrastructure changes and future requirements;
- Perform any other related tasks as requested by the direct supervisor.

#### **QUALIFICATIONS:**

- College level diploma in network technology;
- 5 years of experience as network administrator;
- Cisco certification and prior experience working with wireless networking an asset;
- In depth, working knowledge of TCP/IP networking and dynamic routing protocols (OSPF, iBGP, eBGP ) and Network protocols, from L1 to L7
- Knowledge of fibre networks including Passive Optical Networks GPON FTTH and FTTB, Types of SFP and SFP+ and their uses.
- Verifiable functional knowledge of Optical Network best practices and the usage of fiber face inspection scope and cleaning tools, knowledge of the limitations of fiber optics and their applications.
- Experience with VMware ESXi hypervisor and vSphere
- Programming experience, Python, Java, C++, JavaScript and SQL
- Functional knowledge of IP QoS (Diffserv, ToS, etc), traffic shaping its application in an ISP grade network with a focus on Quality of Experience in terms of Throughput, Latency and Jitter;
- Knowledge of encryption technology (IPSEC, SSL), Linux, GEO / LEO Satellite, Wifi Standards and Configuration Microwave Point to Point RF Knowledge an asset;
- Strong troubleshooting skills and the ability to resolve unforeseen network problems, directly with the customer at times;
- Ability to transfer his/her knowledge to others; Strong focus on customer service oriented personality;
- Ability to communicate orally and in writing in at least two of the following languages: Inuktitut, English, French; working knowledge of Inuktitut is a definite asset;
- Must be available to occasionally work overtime, outside office hours and be available on-call;
- Must be able to travel regularly and, for emergencies, with little notice.

Place of employment: Hybrid

Salary: \$63,716 to \$109,329 yearly (Class 10)

Other benefits: Travel expenses and accommodation while working in Nunavik;  
Simplified Pension Plan;  
Group Insurance;  
Vacation: 20 days;  
Statutory Holidays: 20 days including 10 during Christmas holidays.

*The KRG is an equal opportunity employer. In accordance with this and with the James Bay and Northern Québec Agreement, conditions may vary to promote the employment of Inuit candidates.*

**Only candidates selected for an interview will be contacted.**

**Please send your resume in English before 5:00 p.m., May 6, 2025, to :**

Human Resources  
Kativik Regional Government  
P.O. Box 9  
Kuujuuaq, Québec J0M 1C0  
Fax: (819) 964-2975  
Email: [humanresources@krq.ca](mailto:humanresources@krq.ca)

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