



Network Administrator

Full-Time Position

Corporate Services, Information Technology

About Us

SNOLAB is an international facility for world-class underground physics research and has an expanding programme in astroparticle physics and underground science. Located in an air-conditioned clean room 2 km underground in the Vale Creighton Mine near Sudbury, Ontario, with a suite of surface facilities and laboratories, SNOLAB is currently preparing for the next generation of experiments focusing on neutrino studies and the search for galactic dark matter.

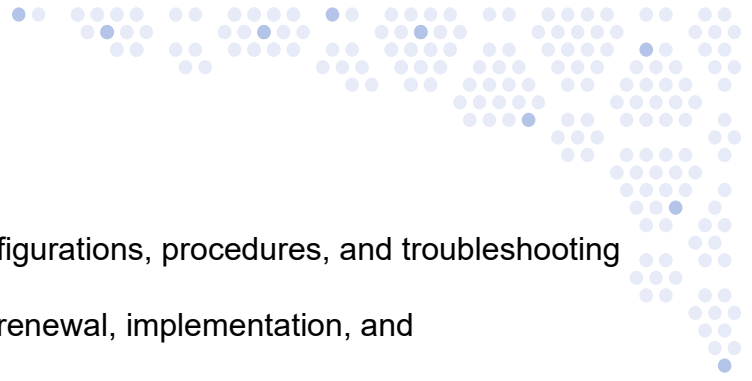
The Position

We are seeking a highly skilled Network Administrator to support the SNOLAB IT department. The incumbent will manage, maintain, and troubleshoot our extensive network and Linux Systems to ensure seamless operation of our research and administrative activities.

Key Responsibilities

- Advise and collaborate with cross-functional teams to support ongoing projects and initiatives.
- Support the IT team in responding to and resolving security incidents.
- Oversee and maintain network infrastructures, including switches, routers, firewalls and wireless access points.
- Install, configure, and maintain Linux servers and workstations.
- Facilitates and leads the installation, configuration, and maintenance of fibre optic networks, including switching and splicing.
- Develop and maintain scripts for automation and efficient system management.
- Monitors network and optimization to ensure high performance and reliability.
- Monitor system performance and perform necessary upgrades and patches.
- Implement and manage security measures to protect data and systems from cybersecurity threats.
- Conduct regular security audits and vulnerability assessments.





- Document network and system configurations, procedures, and troubleshooting steps.
- Manage SSL certificates, including renewal, implementation, and troubleshooting.
- Conducts regular network assessments to analyze and interpret the information using appropriate tools and software and implement necessary improvements.
- Performs other duties as necessary.

Education

- Bachelor's degree in Computer Science, Information Technology, or related field, or equivalent experience.
- Certifications such as CCNA, CCNP, RHCSA/RHCE, CISSP, CWNA/CWNP, or equivalent are considered an asset.
- Certifications in cloud solutions (AWS, Azure) and project management (PMP) are also considered an asset.

Experience

- Demonstrated ability to work in an environment with a focus on cybersecurity principles, best practices, and industry standards, including risk management, threat mitigation, and compliance with security protocols
- Demonstrated knowledge of network administration, including configuring and managing switches and firewalls.
- Strong proficiency in Linux System administration (e.g., CentOS, Ubuntu)
- Demonstrated knowledge of network protocols, routing, switching, and firewall management

Salary Range

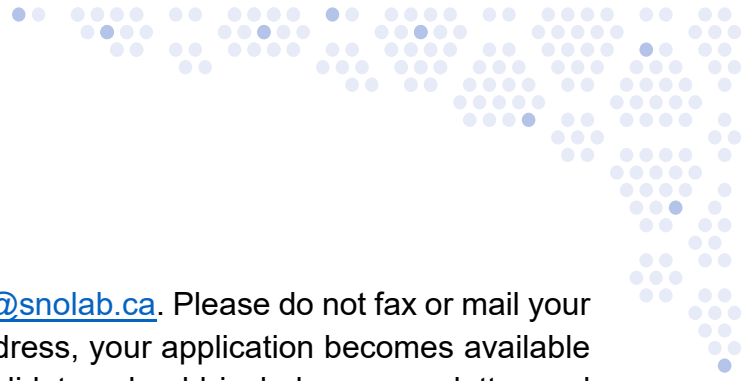
Qualifications and experience will determine salary and include an attractive benefits package. Relocation assistance will be determined per SNOLAB policies.

To Apply



📍 Creighton Mine #9, 1039 Regional Road 24, Lively, ON P3Y1N2

📞 705.692.7000 🖱️ www.snolab.ca



All applications must be submitted to jobs@snolab.ca. Please do not fax or mail your applications. By applying to the e-mail address, your application becomes available to managers immediately. Interested candidates should include a cover letter and resume.

Closing Date

August 23, 2024

All Applications will be accepted until **4:00 pm Eastern Time**.

SNOLAB thanks all applicants for their interest, however, only those candidates considered for an interview will be contacted.

SNOLAB is committed to equity in employment and encourage applications from all qualified applicants, including women, Indigenous persons, members of visible minorities and persons with disabilities. In accordance with Canadian immigration requirements, priority will be given to Canadian citizens and permanent residents.

SNOLAB will provide support in its recruitment processes to applicants with disabilities, including accommodation that takes into account an applicant's accessibility needs.

Further information about SNOLAB may be found at www.snolab.ca

Posting Date August 9, 2024

