ACENET CYBERSECURITY ADMINISTRATOR

ACENET seeks a Cybersecurity Administrator to work on the implementation of cybersecurity policy and procedure across ACENET research computing services, with duties extending nationally through ACENET's participation in the Compute Canada Federation. This position will be located in Halifax, NS. It is a one year contract with expectation of renewal.

Reporting to ACENET's Chief Technology Officer, the incumbent will be responsible for ensuring that ACENET's research computing services and related projects have a level of security that is appropriate, evolving, and meets the requirements of ACENET's clients and stakeholders. The administrator will participate in the development and implementation of new technological solutions, and will be responsible for planning and evaluating the security of these solutions. The administrator will work closely with Compute Canada's security team, which sets national standards for the federation.

Core Responsibilities

- Analyze and understand information security risks for ACENET and Compute Canada.
- Work closely with ACENET's technical team to identify, prioritize, and implement security processes and procedures.
- Work with ACENET's clients to identify their security needs and recommend improvements to meet these needs.
- Install, configure, administer, and troubleshoot ACENET security solutions.
- Perform vulnerability scanning on ACENET systems and work with system admin team to promote best practices.
- Configure SIEM for centralizing logs and analyzing the threat intelligence.
- Participate in the response to security incidents and provide detailed retrospective analysis.
- Work with ACENET's technical team to deploy, maintain and upgrade security hardware and software.
- Participate in security awareness activities to promote best practices among staff and clients.

Education and Qualifications

The ideal candidate will have a relevant university degree and several years of cybersecurity experience in an applied setting. Consideration will be given to an equivalent combination of education and experience.

Mandatory qualifications include:

- Expertise in the Linux environment;
- Hands-on experience in cybersecurity tools such as SIEM, OpenSCAP, Kali Linux, Nmap, etc;
- Good knowledge of the various layers of the network and associated security technologies; and
- Some programming capability (shell scripting, Python, C/C ++, etc.) for the development of security tools.

Experience in the following areas would be considered an asset.

- Knowledge of Cloud security and/or OpenStack security insight.
- Expertise in standards-based information security practices, (for example ISO 27000, NIST, or CIS, etc.).
- Knowledge of storage platforms and associated security techniques.

- Security certifications such as CISSP, CISA, CEH or CRISC.
- Experience with High Performance Computing environments.
- Excellent communication, planning, and time management skills with a strong client-focused work ethic.

About ACENET

ACENET is a consortium of post-secondary institutions in Atlantic Canada providing researchers with advanced computing resources, tools, software, training, and support. We help our clients use Advanced Computing as a means of accelerating discovery and innovation, keeping Atlantic Canada at the forefront of scientific research.

ACENET is a partner consortium in Compute Canada, the organization responsible for advanced research computing in Canada.

HOURS: 37.5 hours per week
Must be available to work flexible and additional hours

SALARY: Commensurate with qualifications and experience

CLOSING DATE: 15 March, 2020

Please submit electronically a cover letter, a resume and reference list to be received no later than the closing date to careers@ace-net.ca.

All qualified candidates are encouraged to apply; however, preference will be given to applicants who are legally entitled to work in Canada. ACENET is committed to employment equity and diversity and encourages applications from all qualified candidates, including women, people of any sexual orientation, gender identity, or gender expression; Indigenous peoples; visible minorities and racialized people; and people with disabilities.

Only those applicants who are invited to an interview will be contacted.