

Division: Information Technology
Reporting to: AVP, Infrastructure & Security
Career Level: Staff
Pay Type: Salaried

Job Overview

The IT Security Analyst performs the day-to-day operations of the current security solutions as well as identification, investigation and resolution of security breaches detected by those solutions.

Role

- Be involved in the implementation of new security solutions, participation in the creation and or maintenance of policies, standards, baselines, guidelines and procedures
- Conduct vulnerability audits and assessments and participate in investigations, design and execution of vulnerability assessments
- Monitor computer networks and systems for security issues, penetration tests, security audits and document any security issues or breaches, in line with the enterprise's security goals as established by FirstOntario's policies, procedures and guidelines and to actively work towards upholding those goals
- Participate in the planning and design of enterprise security architecture and the Business Continuity Plan and Disaster Recovery Plan
- Maintain up-to-date detailed knowledge of the IT security industry including awareness of new or revised security solutions, improved security processes and the development of new attacks and threat vectors
- Recommend additional security solutions or enhancements to existing security solutions to improve overall enterprise security
- Participate in the deployment, integration and configuration of all new security solutions and of any enhancements to existing security solutions in accordance with standard best operating procedures generically and the enterprise's security documents specifically
- Maintain up-to-date baselines and review logs for the secure configuration and operations of all current devices, whether they be under direct control (i.e., security tools) or not (i.e., workstations, servers, network devices, etc.)
- Maintain operational configurations of all in-place security solutions as per the established baselines
- Provide on-call support for end users for all in-place security solutions
- Consider health & safety as a primary concern for self and others
- Perform other duties as assigned

Required Skills

- Possess a Degree or Diploma in Computer Science or Technology and least four to six (4-6) years of experience in a role focused on IT security
- One or more of the following certifications: CompTIA Security+, GIAC Information Security Professional (GISP), Microsoft Certified Systems Administrator: Security, CAP, CISA, CCFP, CCSP, CISSP, CISM, Associate of (ISC)2
- Experience with SEIM, Firewalls & data classification is required
- Sound experience with endpoint detection and response (EDR), CASB, IDPS and other security related concepts is required
- Demonstrated knowledge of security frameworks or standards such as CIS Top 20, NIST and ISO 27001
- Experience with Varonis DatAdvantage and DatAlert considered an asset
- Knowledge of VMware vSphere, vCenter and ESXI considered an asset
- Working technical knowledge of system vulnerability scanning and remediation

- Strong understanding of IP, TCP/IP, and other network administration protocols
- Strong understanding of Windows and Linux operating systems
- Familiarity with core banking system related security, Temenos knowledge considered an asset
- Ability to effectively prioritize and execute tasks in a high-pressure environment
- Ability to conduct research into IT security issues and products as required
- Ability to present technical concepts and ideas to non-technical staff and management
- Highly self motivated and directed
- Team-oriented and skilled in working within a collaborative environment
- Be innovative and forward thinking when problem solving
- Be analytical and detailed oriented when dealing with technical support issues and IT projects
- Inherently demonstrate a high level of integrity and be trustworthy
- Be approachable with your superior interpersonal and communication skills
- Be aware of and mitigate enterprise risk factors and ensure compliance with applicable regulations, legislation and FirstOntario policies and procedures
- Willingness to travel on occasion as required

Accommodations for persons with disabilities are available upon request during the application process.