BRITISH COLUMBIA
BC Public Service
Where ideas work

JOB PROFILE
Position # 00135538

TITLE: SECURITY ANALYST **CLASSIFICATION: INFORMATION SYSTEMS 24**

JOB OVERVIEW

To conduct Threat Risk Assessments; lead the development of policies and standards for security information systems; provide security architecture planning; research and investigate incidents, threats, and exposures, and implement controls and risk-reducing measures to mitigate the threat of future exposures.

ACCOUNTABILITIES

Required:

- Plans and develops a security framework to meet current and future requirements, risks, and challenges.
- Conducts threat, risk and cost/benefit analysis on information security plan goals and priorities, in consultation with management.
- Contributes to the design of security architecture for information systems, including modifying existing systems and developing new systems.
- Studies existing security measures; conducts threat risk analysis on a variety of systems, processes and information sharing agreements; identifies gaps in policy, procedures and technologies; and provides recommendations to mitigate risks.
- Influences stakeholders to incorporate security practices into business processes, and documents solutions and business requirements to support ongoing operations and maintenance.
- Provides processes and procedures for conducting security threat and risk assessments for all systems.
- Ensures the security requirements of new systems integrate with existing architecture and procedures.
- Stays current on leading edge technology by conducting literature reviews/attending seminars and advises management regarding new approaches, emerging problems and recommended technology solutions.
- Conducts investigations into security violations and breaches to maintain effective levels of security within the organization.
- Represents the ministry on committees, work groups and task forces to develop corporate security policies, standards and initiatives.

JOB REQUIREMENTS

- Degree, diploma, certification or equivalent in the computer science field; **OR,**
- Completion of course work leading to a designation as a Certified Information Systems Security Professional and two (2) years of related experience in the cyber security field; **OR,**
- An equivalent combination of education, training, and experience may be considered.
- Minimum two (2) years' experience in identifying and evaluating IM/IT risks from a business and technological standpoint.
- Preference may be given to applicants that have certification as a Cyber Security professional (e.g., CC, CISSP, CCSP) and/or other relevant training/certification.

KNOWLEDGE, SKILLS, AND ABILITIES

- Knowledge of the systems development life cycle and communication protocols as they relate to networking.
- Knowledge of security appliances (e.g., firewalls, routers, etc.) and threat and risk assessment processes; knowledge of current risks and threats; and knowledge of identity access management.
- Knowledge and experience identifying and evaluating security and privacy risks from a business and/or technology standpoint.
- Ability to handle confidential issues with tact and diplomacy.

PROVISO

- Successful completion of security screening requirements of the BC Public Service, which may include a criminal records check, and/or Criminal Records Review Act (CRRA) check, and/or enhanced security screening checks as required by the ministry **(Note: It is important that you read the job posting carefully to understand the specific security screening requirements pertaining to the position).**

BEHAVIOURAL COMPETENCIES

- **Commitment to Continuous Learning** involves a commitment to think about the ongoing and evolving needs of the organization and to learn how new and different solutions can be utilized to ensure success and move the organization forward.
- **Conceptual Thinking** is the ability to identify patterns or connections between situations that are not obviously related, and to identify key or underlying issues in complex situations. It includes using creative, conceptual or inductive reasoning or thought processes that are not necessarily categorized by linear thinking.
- **Expertise** includes the motivation to expand and use technical knowledge or to distribute work-related information to others.

INDIGENOUS RELATIONS BEHAVIOURAL COMPETENCIES

- **Cultural Agility** is the ability to work respectfully, knowledgeably and effectively with Indigenous people. It is noticing and readily adapting to cultural uniqueness in order to create a sense of safety for all. It is openness to unfamiliar experiences, transforming feelings of nervousness or anxiety into curiosity and appreciation. It is examining one's own culture and worldview and the culture of the BC Public Service, and to notice their commonalities and distinctions with Indigenous cultures and worldviews. It is recognition of the ways that personal and professional values may conflict or align with those of Indigenous people. It is the capacity to relate to or allow for differing cultural perspectives and being willing to experience a personal shift in perspective.