

**Job Title : Officer, IT Security Analyst**

**OVERALL PURPOSE:**

IT security analyst is responsible to monitor computer network and information systems for security issue, investigate and coordinate with relevant teams/departments to mitigate the risk. He is also responsible to develop, implement, and maintain the security system of the bank following information security policy, standards, guidelines, and procedures to ensure that all information systems are functional and secure.

**RESPONSIBILITIES:**

***I. Main Responsibilities***

- ◆ To assist to implement security tools as the Bank required to protect computer systems, networks and information based on the Bank Policy and security best practice.
- ◆ To assist to prepare and manage Penetration testing to the critical systems of the Bank.
- ◆ Daily monitor the Bank network to identify and block malicious behaviour or suspicious activities, and further investigation & mitigation when required.
- ◆ To conduct Vulnerability Assessment for the whole systems in the Bank
- ◆ To provide consultation to relevant team related to Vulnerability Assessment and Other Security finding for mitigating solution.
- ◆ To provides in-depth analysis of suspected malware, infected systems, network devices, and develop standard investigation report and ensure timeliness, completeness, and accuracy for related case reporting.
- ◆ To plan, coordinate and implement incident response exercise regularly based on designed scenario and report exercise result with lesson learn, and ensure the readiness of well managed incident response team can detect and react to incident effectively and timely.
- ◆ To prepare weekly, monthly, quarterly report including security Monitoring Report, Incident, Malware, Phishing, Vulnerability Report, and Security Risk as appropriate for management review and endorse.
- ◆ To research on security trends and provide suggestions to protect the Bank from new cyber breach trends.

***II. Other Responsibilities***

- ◆ To conduct Security Awareness activities such as Security Simulation, Training, and Newsletters
- ◆ To provide consultation to staff on cyber security related when required.
- ◆ Other job assigned by line manager.



## QUALIFICATIONS REQUIREMENTS:

### *I. Experience*

- ◆ At least 1-2 years working experience in IT security, IT governance or other IT security Related.

### *II. Skill*

- ◆ Bachelor in of Information Technology, Information Security, Cyber Security, or other related degrees such as Computer Science, Management of Information Systems.
- ◆ Holding security related certification in CompTIA Security+, CND, BTL1, CCNA or equivalents is a plus.
- ◆ Broad knowledge of a wide range of Information Technology and Digital systems and a deep understanding of the inherent security risks associated with these technologies.
- ◆ Knowledge of 7 layers of OSI Model, TCP/IP Protocols, network analysis, and network/applications Security.
- ◆ Understanding of IT Security systems (SIEM, EDR, XDR, NDR, Data loss Prevention, PAM, Vulnerability scanning and Firewall IDS/IPS).
- ◆ Experience with penetration testing and vulnerability assessment project.
- ◆ Proven ability to identify, mitigate vulnerabilities, and provide easy to understand reports, deliver presentations on information risk management, systems process control.

### *III. Aptitude*

- ◆ Positive attitude towards learning and development demonstrated by a record of continuing professional development.
- ◆ Self-confident and able to work under pressure.
- ◆ Ability to manage time & priorities appropriately and work under pressure and tight deadlines.
- ◆ Good verbal and written communication skills and able to communicate effectively at all levels.
- ◆ Honesty, reliability, and a commitment to strict confidentiality.

Contact Info:

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