

Technology and Operations > IT System Security

Title	Monitor security risks of different IT systems
Code	106758L5
Range	Monitor security risks of the IT system. This covers different kinds of security risks such as unauthorized access, alteration, unauthorized disclosure, etc. and different IT systems adopted by the bank.
Level	5
Credit	4 (for reference only)
Competency	<p>Performance Requirements</p> <ol style="list-style-type: none"> 1. Monitor security risk <p>Be able to:</p> <ul style="list-style-type: none"> • Monitor the movement of risk levels of different kinds of risks and spot for abnormal or suspicious variations • Analyze reports on virus or other problems to determine healthiness of the system 2. Analyze the reported risks levels and identify related problems <p>Be able to:</p> <ul style="list-style-type: none"> • Analyze data on security risk and determine the degree of risk faced by the bank • Identify problems in existing security products and recommend necessary maintenance and repair of the systems 3. Evaluate effectiveness of IT security measures <p>Be able to:</p> <ul style="list-style-type: none"> • Evaluate the latest development in regulatory requirements related to information privacy and security and recommend improvement measures • Evaluate effectiveness of security controls in the bank and identify improvement areas • Implement measures such as data sanitization and the limitation of executable queries and analyses, so that it won't be distributed to a broader audience • Ensure the design and implementation of a database is constructed in a manner that allows users to obtain and analyze information from a database without allowing its users to access clients' private information • Maintain and review regularly the means for managing customer notification, access, correction and change of preferences for privacy or data protection in the privacy data system
Assessment Criteria	<p>The integral outcome requirements of this UoC are:</p> <ul style="list-style-type: none"> • Identification of security problems by monitoring and analyzing the reported data in risks level. • Proposal on upgrading the security system of the bank. The suggestions should be based on the current risks levels and evaluation on the effectiveness of existing security measures.
Remark	(iii) Monitor a privacy database system that administers and records all data, users and usage of data that is registered as containing privacy elements