

Specification of Competency Standards for ICT Operation and Support

Unit of Competency

Functional Area: Core Skills

Title	Understand the principle of data security
Code	107863L1
Range	This unit of competency applies to all IT practitioners being responsible, handling or work with data. They need to understand that data is one of the most important assets of the organisation it must be protected. To be in a position to protect the organisation assets, they need to be aware of the data vulnerabilities. In addition, they need to understand personal ethics and apply industry best practices are important to the security of the organisation's data
Level	1
Credit	1
Competency	<p>Performance Requirements</p> <ol style="list-style-type: none"> 1. Knowledge for understanding the principle of data security <ul style="list-style-type: none"> • Possess good literacy skills that can read various product technical manuals, work instructions, work procedures, organisational guidelines and procedure, etc. • Possess basic communications for liaising with users or vendors 2. Understand the principle of data security <ul style="list-style-type: none"> • Understand data is the asset of organisation and the importance of data • Understand vulnerability and risks of data, such as: <ul style="list-style-type: none"> • Theft • Loss • Negligence • Insecure practices • Understand security principles, including: <ul style="list-style-type: none"> • Confidentiality • Integrity • Authentication • Non-repudiation • Availability • Accessibility • Understand different data security protections and techniques • Understand the organisation's data security guidelines and procedures • Understand international data and information security standards. For example: ISO 27001 • Understand the importance of being ethical and apply industry best practices for data security in work place 3. Exhibit professionalism <ul style="list-style-type: none"> • Committed to protect the assets of the organisation by following and complying with organisation and regulatory security standards • Be an advocate of data security and protection
Assessment Criteria	<p>The integrated outcome requirements of this UoC are the abilities to:</p> <ul style="list-style-type: none"> • Understand different vulnerabilities of the organisation's data • Understand the importance of possessing good security practices and ethics to ensure the organisation data is protected
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