Specification of Competency Standards
for the Information & Communications Technology Industry
Unit of Competency

1. Title	Perform network security assessment for the organization
2. Code	111176L5
3. Range	Conduct network security assessment by abiding to the organization's security policy and assessing whether it could protect the organization's interest.
4. Level	5
5. Credit	6 (for reference only)
6. Competency	Performance Requirements 6.1 Possess the knowledge in the subject area ● Understand the organisation's security policy ● Understand the organisation's business needs ● Be familiar with network infrastructure and all the services that it supports ● Possess extensive knowledge in security principles, implementation of controls and best practices ● Possess extensive knowledge of various security risks, such as possible methods of attacks on signalling layer, database of subscribers, network elements, gateways, frauds, service interruptions, etc. ● Knowledgeable in network security standards and benchmarks ● Knowledgeable with network access requirements of products and services 6.2 Assess network security risks and appropriateness ● Be able to: ■ Work with appropriate departments to determine network access requirements for internal and external users or products and services ■ Assess whether personnel have the appropriate access right ■ Assess whether the network setting could fully impose the organisation's cyber security policy ■ Assess whether the network security is sufficient in minimising risks and protect the core operations and interest of the organisation ■ Document the assessment for record ■ Inform the associate personnel of the result for further processing 6.3 Exhibit professionalism ● Always look after the interest of the organisation as well as customers.

	● Always respect the privacy of the employee when conducting the network security assessment ● Follow the policy and guidelines of the network security assessment
7. Assessment Criteria	The integrated outcome requirements of this UoC are the abilities to： ● conduct the network security assessment abiding to the policy and guidelines ● assess the network security on whether it could protect the interest of the organisation ● document the assessment and inform associate personnel for follow up
8. Remark	