

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

Functional Area - Generic Skills

Title	Manage organisation resources for implementation across multiple processing environment
Code	111163L4
Range	This UoC involves managing organisation computing resources devoted to multiple platform processing environment for the benefits of the organisation.
Level	4
Credit	3 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Understand the key principles of managing computing resources</p> <ul style="list-style-type: none"> • Be able to know the principles of managing the computing resources across multiple processing environment <ul style="list-style-type: none"> ○ Automation ○ Identity and Access Management ○ Continuous integration and development ○ Optimisation of course costs and consumption <p>2. Understand the available resources of the organisation</p> <ul style="list-style-type: none"> • Be able to <ul style="list-style-type: none"> ○ list the on-premise computing resources of the organization accurately ○ understand the computing resources required for the future business development <p>3. Define the computing resources management plan in accordance with the IT strategies</p> <ul style="list-style-type: none"> • Be able to <ul style="list-style-type: none"> ○ manage on-premise computing resources effectively ○ choose the suitable on-demand service models across multiple processing environment, such as <ul style="list-style-type: none"> ▪ Infrastructure as a service (IaaS) ▪ Platform as a service (PaaS) ▪ Software as a service (SaaS) ▪ Function-as-a-Service (FaaS) <p>4. Formulate plans to manage organisation computing resources for the benefits of the organisation</p> <ul style="list-style-type: none"> • Be able to formulate plans for managing the computing resources on-premises and on multiple processing environment according to the business requirements
Assessment Criteria	The integrated outcome requirements of this UoC is the ability to manage both on-premises computing resources and resources on multiple processing environment for the benefits of the organisation.
Remark	