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

Functional Area - Network Support

Title	Perform Installation and configuration of internet server application
Code	111120L4
Range	This UoC involves carrying out installation and configuration of internet server application according to predefined requirements.
Level	4
Credit	6 （For Reference Only）

Competency	Performance Requirements
	1. Knowledge in installation and configuration of internet server application, including
	
	• networking and internet server
	• common operating systems
	• testing and troubleshooting internet server applications
	
	2. Install and configure internet server application
	
	• Prepare an installation plan for the internet server application requirements including but not limited to the following:
	    o Identify what installation options are required from work order
	    o Identify hardware, software, network and security requirements
	    o Identify what data migration is required, if any
	• Prepare for installation
	    o acquire the server application installation media
	    o familiarise with the server application installation instructions from vendor documents
	    o acquire associated settings for the server application such as network confgiruations, firewall confgiruations, authorised access account settings
	    o acquire all necessary technical manuals
	    o perform server backup if necessary
	    o install and configure network settings, middleware, database, if required
	• Install and configure the server as required by the work order
	    o configure security and access settings to allow client to connect
	    o apply appropriate patches and updates
	    o undertake restore or migration of data, if required
	    o perform appropriate tests
	• Perform post installation procedures
	    o clean up work area and remove temporary work files and objects from the server
	    o perform backup image of the server for system restore, when and if required
	    o return and store installation media in secure place as instructed by the organisation's guideline
	    o document the installation and configuration according to the organisation guidelines and standards
	
	3. Exhibit professionalism
	
	• perform post installation procedures that in compliance with the organisation guidelines and procedure
	• make reference to the industry best practices for installing server applications

Assessment Criteria	The integrated outcome requirements of this UoC are the abilities to：

Functional Area - Network Support

	• perform the pre-installation activities and being well prepared to ensure the installation of the server application without any delay • ensure the installation process is carried out efficiently without affecting other applications and/or services on the server • perform post installation procedures that complied with the organisation guidelines and procedure
Remark	