

Specification of Competency Standards
for the Retail Industry
Unit of Competency

Functional Area - Hardware Architecture and Maintenance

Title	Evaluate and select appropriate server
Code	107229L4
Description	According to the corporate requirements, select the appropriate server and install the required function.
Level	4
Credit	6 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Understand the corporate requirements and select the appropriate server type</p> <ul style="list-style-type: none"> • Analyse and evaluate the current status of the corporate servers (including usage, network infrastructure and operating systems) • Consider the need for future expansion of the corporate • Determine the location and size of the server. Select the appropriate server type such as an upright, rack, or blade server and ensure that the location (such as a server room or data center) provides sufficient power • Understand the type of server and the characteristics of the operating system <ul style="list-style-type: none"> ○ Understand the characteristics of different versions of the operating system and the network environment to which they are adapted, such as whether to provide cluster (Cluster) and load balancing (Load Balancing), etc. ○ Choose the appropriate server operating system based on the corporate development platform <p>2. Manage and set up servers</p> <ul style="list-style-type: none"> • Understand server resource management and server-specific settings such as web pages, mail, agency services, etc. <p>3. Exhibit professionalism</p> <ul style="list-style-type: none"> • Ensure that the selected server can provide efficient, reliable and in the best interests of the corporate. • Carefully set the server's specifications to ensure that the selected server is working smoothly.
Assessment Criteria	<p>The integrated outcome requirement of this UoC is the ability to:</p> <ul style="list-style-type: none"> • Understand the server architecture and types. Be able to choose the right server and its operating system based on corporate requirements • Manage and set up related server services.
Remark	