

Specification of Competency Standards
for the Retail Industry
Unit of Competency

Functional Area - Hardware Architecture and Maintenance

Title	Master and apply information storage technology
Code	107231L5
Description	Through applying data storage technology to ensure data security, efficiency, reliability and manageability.
Level	5
Credit	6 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Understand Network Storage technology and select the appropriate data storage method for corporate needs</p> <ul style="list-style-type: none"> • Understand the various ways of network storage technology, including storage virtualization (Storage Virtual Network), storage area network (Storage Area Network) and network attached storage (Network Attached Storage, NAS) etc. Plan the most appropriate data storage solution. • Develop and manage appropriate data storage strategies, including backup scenarios, Disaster Management and Data Migration, etc. • Understand the storage methods and features of Redundant Array of Independent Disks (RAID) storage including different RAID types, to improve read and write speed and data backup. <p>2. Apply and configure network data storage and data backup system</p> <ul style="list-style-type: none"> • Develop and manage appropriate data backup strategies. Understand different backup methods and data recovery techniques. • Design and configure network data storage systems to achieve their security, efficiency, reliability, manageability <p>3. Exhibit professionalism</p> <ul style="list-style-type: none"> • Ensure the network data storage and data backup system comply with the company's requirements. • Ensure safety and reliability of the data stored in the backup system.
Assessment Criteria	<p>The integrated outcome requirement of this UoC is the ability to:</p> <ul style="list-style-type: none"> • Master the network storage management technology. • Manage and configure network storage management technology.
Remark	