Specification of Competency Standards
for the Retail Industry
Unit of Competency

Functional Area - Website Monitoring and Testing Technology

Title	Implement server communication testing
Code	107251L5
Description	In the website testing process, monitor the communication between the external systems and the internal various subsystems. Check the exchange of information, transfer and control management process, and the logical relationship between the systems to normal operation of the communication port.
Level	5
Credit	6 （For Reference Only）
Competency	Performance Requirements 1. Understand the server port and basics of testing • Understand the theory of server port • Identify the server ports and services used by the different server services • Understand the performance of the server's port security policy 2. Master the server port test • Check whether the system host has a patch installed • Set whether the communication port used by the gateway is open • Detects whether the application has ported some exploits through the port • View the system security status that is often overlooked 3. Exhibit professionalism • Ensure the working efficiency of the server port security policy. Ensure each host can operate in accordance with the security policy.
Assessment Criteria	The integrated outcome requirement of this UoC is the ability to: • Understand the basics of the server's port test. • Master the port test for various server services. • Handle errors of port interface.
Remark	