

Specification of Competency Standards
for the Retail Industry
Unit of Competency

Functional Area - Transaction Security Technology

Title	Manage Virtual Private Network (VPN) technology
Code	107239L4
Description	Through the virtual private network (VPN) technology to allow employees to secure remote access to corporate information.
Level	4
Credit	6 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Understand the basic concepts and characteristics of VPN technology</p> <ul style="list-style-type: none"> • Scalability, flexibility and manageability • Understand VPN protocol technology <ul style="list-style-type: none"> ○ Implementation of virtual private network tunnelling technology, including PPTP, L2TP, IPSec and SSL protocol • Understand the functionality of SSL VPN <ul style="list-style-type: none"> ○ User and server legitimacy certification ○ Encrypt data to hide the data being sent ○ Protect the integrity of the information • Apply virtual private network <ul style="list-style-type: none"> ○ Understand the requirements for setting up a virtual private network <p>2. Set up and manage virtual private networks and related equipment</p> <ul style="list-style-type: none"> • VPN hardware solution • VPN software solution <p>3. Exhibit professionalism</p> <ul style="list-style-type: none"> • Set up VPNs to protect important business information and actions.
Assessment Criteria	<p>The integrated outcome requirement of this UoC is the ability to:</p> <ul style="list-style-type: none"> • Understand VPN basic concepts and functions • Understand VPN system features • Master VPN principles and protocols • Apply VPN working mechanism and typical application
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