Unit of Competency

Functional Area: Security Support

Title	Configure user access control on server
Code	107886L3
Range	This unit of competency applies to support personnel who administer the organisation’s servers. To access resources on a server the user will need appropriate access rights which administrator will need to configure. Access control in modern servers has pre-configured access control in form of different roles or via traditional access rights.
Level	3
Credit	3
Competency	Performance Requirements 1. Knowledge for configuring user access control on server • Possess system troubleshooting skills • Possess good knowledge of system logs • Possess good knowledge of common server operating systems • Possess good knowledge of operating system’s access control • Possess basic knowledge of information security • Possess knowledge of the organisation’s user security procedures and guidelines 2. Configure user access control on server • Determine what role the user is allocated by the organisation, for example: • Administrator • Backup operator • Application administrator • Read only analyst • Use server management tools to assign the role to the user’s account • Determine resource access permitted for the user, such as but not limited to the following: • Local logon • Internet access • Remote logon • Use server tool to configure user accounts with allowed access • Create a check list of access control setting for each shared resources and/or object, such as but not limited to the following: • Printers • Folders • Files • Applications • Configure the allowed access and level of access (Read, Write, Execute, etc.) to each object and shared resource • Document and record all user access setting and configuration for reference 3. Exhibit professionalism • Comply system administrator ethics and exercise due diligence when administering user accounts and access control on servers • Exhibit security attitude but balance the needs of users with the organisation security needs when setting user access control as well as protecting the server

Unit of Competency

Functional Area: Security Support

Assessment Criteria	The integrated outcome requirements of this UoC are the abilities to: • Determine and setup the role of the user that matches his/her access on the server • Identify all the individual objects, shared resources on the server which the user requires access to • Setup and configure correctly the user’s access control on the server
Remark	