



**Australian Government**

# **Assessment Requirements for ICTICT822 Manage automated ICT system applications**

**Release: 1**

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## Modification History

| Release   | Comments                                                                                                     |
|-----------|--------------------------------------------------------------------------------------------------------------|
| Release 1 | This version first released with ICT Information and Communications Technology Training Package Version 7.0. |

## Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including evidence of the ability to:

- manage at least one automated information and communications technology (ICT) system application.

In the course of the above, the candidate must:

- use functions using enterprise-wide operating systems
- analyse system functions based on data
- produce at least one report that evaluates the system
- document recommendations for system improvements.

## Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- organisational regulations and procedures, regarding:
  - obtaining work details and scope from relevant personnel
  - arranging access to ICT systems applications
  - network security arrangements
  - report sign-off procedures
  - running enterprise-wide operating systems
- functions and features of:
  - enterprise-wide operating systems
  - automated ICT systems
  - networking multi-user applications
  - networking infrastructure
  - software simulation

- multiuser networking systems
- distributed computing functions
- disk partitions
- media file systems
- system commands
- special permission modes
- 'cron' commands
- automated scheduling
- command line interfaces
- networking shells and commands
- text files and utilities
- data backup strategies
- unix features
- modifying boot options
- methods to shutdown operating network systems
- system requirements for managing file commands and wildcards
- mounting and unmounting file systems
- utilising command line interfaces
- interacting with shells and network commands
- managing user and group accounts in networking applications
- scanning log files for activity
- configuring network applications
- encoding and programming techniques
- analysing and reporting on network security arrangements
- enterprise-wide operating system commands.

## Assessment Conditions

Skills in this unit must be demonstrated in a workplace or simulated environment where the conditions are typical of those in a working environment in this industry.

This includes access to:

- a telecommunications operations site
- unix-based system
- special purpose tools, equipment and materials
- industry software packages
- enterprise objectives and policies.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

## Links

Companion Volume Implementation Guide is found on VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2>