



**Australian Government**

# **Assessment Requirements for ICTTEN824 Manage network testing strategies**

**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 two network testing strategies.

In the course of the above, the candidate must:

- produce steps in developing test strategies
- produce test strategies for evaluating suitability of application software
- design test plan and produce test reviews
- produce test plans for specific phases
- develop test scenarios
- produce test reporting associated with particular test phases within test plan
- create traceability matrix
- produce an evaluation report from the traceability matrix to manage defects or failures from the test plan.

## 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:

- required legislation, codes, company work practices, regulations and standards, workplace health and safety (WHS) requirements for scoped work
- applications software features and functionalities
- configuration of software testing tools
- creation of a traceability matrix
- different elements of test plans and risks associated with implementation
- features of testing tools and debuggers
- identification of types of risks

- how to manage software defects
- management of test traceability
- phases of test cycles
- production of test reviews
- required steps in developing test strategy
- testing procedures and testing cycles for various system applications
- workplace requirements for evaluation reports.

## 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 site where planning and management of a test regime for evaluation of application software may be conducted
- software tools currently used in industry
- vendor products, specifications, equipment and enterprise policy required for the activity.

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>