



**Australian Government**

**Assessment Requirements for ICTCYS613  
Utilise design methodologies for security  
architecture**

**Release: 1**

# Assessment Requirements for ICTCYS613 Utilise design methodologies for security architecture

## Modification History

Release	Comments
Release 1	This version first released with ICT Information and Communications Technology Training Package Version 6.0.

## 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:

- use methodologies to design at least one cyber security solution for an organisation on at least one occasion.

In the course of the above, the candidate must:

- research and analyse industry standard design methodologies for designing security architecture
- document finalised security solution.

## 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:

- industry standard cyber security design methodologies
- principles of cyber security
- principles of security architecture
- different types of cyber security risks required to design security architecture
- presenting security architecture in document form.

## 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:

- organisational data
- organisational operating structure

- organisational procedures applicable to designing security architecture including:
  - documentation processes
  - establishing requirements and features of security strategies
  - establishing baselines and metrics
  - testing methodologies.

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>