



Australian Government

**Assessment Requirements for ICTTEN820
Manage end to end architectural solutions
across multiple domains**

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 end-to-end architectural solutions across multiple domains.

In the course of the above, the candidate must:

- evaluate tools and techniques for at least two architectural designs
- analyse design options for optimal solutions
- develop interface requirements for effective solutions across multiple domains
- incorporate components of third-party architecture.

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
- architectural design tools
- interface management
- management of end-to-end system integration
- new end-to-end architecture design solutions
- solutions for business options across multiple domains
- system integration solution techniques
- system interfaces
- validation plans
- importance of vendors' agreements with specific reference to roles and responsibilities of each party
- methods to calculate components' costs.

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 architecture solutions across multiple domains can be managed
- simulation 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>