



Australian Government

Assessment Requirements for ICTTEN819

Translate domain and solution architectures into platform requirements and designs

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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:

- translate at least two domain and solution architectures into platform requirements and designs.

In the course of the above, the candidate must:

- develop system design requirements
- evaluate design concepts for system or system element using complex simulations
- produce a system design using domain specific strategy to platform requirements and design
- use functional analysis tools
- verify solution design and traceability.

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
- complex simulation techniques
- enterprise platforms and system designs
- design of management plans
- domain and solution architectures
- technological issues for a specified enterprise
- information required to simulate computer system elements according to a test specification
- interdisciplinary concepts and attributes
- life cycle design attributes

- remedial actions and select control for inconsistencies
- solution design and traceability
- functions and features of tools required to conduct functional analysis.

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 development, deployment, management and optimisation of domain and solution architectures into platform requirements and designs can be conducted
- documentation, modelling and simulation tools currently used in industry
- tests and equipment currently used in industry.

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>