



Australian Government

Assessment Requirements for ICTTEN804 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 1.0.

Performance Evidence

Evidence of the ability to:

- evaluate tools and techniques for architectural design
- analyse design options for optimal solutions
- develop interface requirements for effective solutions across multiple domains
- manage end-to-end systems integration
- incorporate components of a third party architecture
- manage requirements for the architecture solution.

Note: If a specific volume or frequency is not stated, then evidence must be provided at least once.

Knowledge Evidence

To complete the unit requirements safely and effectively, the individual must:

- provide a detailed summary of architectural design tools
- explain interface management
- outline management of end-to-end system integration
- summarise new end-to-end architecture design solutions
- explain solutions for business options across multiple domains
- outline system integration solution techniques
- summarise system interfaces
- explain validation plans
- explain importance of vendors' agreements with specific reference to roles and responsibilities of each party
- identify and quantify components' costs.

Assessment Conditions

Gather evidence to demonstrate consistent performance in conditions that are safe and replicate the workplace. Noise levels, production flow, interruptions and time variances should be typical of those experienced in the Telecommunications – Telecommunications Networks Engineering field of work and include 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 must satisfy NVR/AQTF assessor requirements.

Links

Companion Volume implementation guides are found in VETNet -

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