



**Australian Government**

# **Assessment Requirements for ICTDBS401**

## **Identify physical database requirements**

**Release: 1**

# Assessment Requirements for ICTDBS401 Identify physical database requirements

## 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:

- analyse client requirements
- identify the technical considerations affecting the physical design of a database
- document the database requirements
- review the security plan for the database.

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:

- explain the principles of databases and database design
- outline the general features, and capabilities, of current industry-accepted hardware and software products
- explain the quality assurance practices that apply to database design
- identify the client's business domain
- describe database requirements appropriate for client's business.

## 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 must be typical of those experienced in the database field of work, and include access to:

- special purpose materials and industry software packages
- user business requirements
- technical documentation defining the architecture platform
- operating system specifications
- database supplier technical specifications and manuals
- data samples
- the database package.

Assessors must satisfy NVR/AQTF assessor requirements.

## Links

Companion volumes available from the IBSA website:

[http://www.ibsa.org.au/companion\\_volumes](http://www.ibsa.org.au/companion_volumes) -

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