



**Australian Government**

# **Assessment Requirements for ICTDBS604 Build data warehouses**

**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 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:

- design, develop, test and implement a medium sized data warehouse.

In the course of the above, the candidate must:

- document plans and processes.

## 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:

- business operating systems related to data sources
- database management system (DBMS) fundamentals, including data extraction facilitation
- decision-support systems and knowledge management strategies
- database encryption and authentication security features
- functions and features of dimension tables and fact tables
- process for the installation and use of proprietary software
- logical database model knowledge required to facilitate data extraction
- relationship between databases and data warehouses
- levels of technical documentation required for newly developed data management systems.

## 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:

- industry standard hardware and software

- industry standard software packages
- data in a DBMS
- data-warehousing tools
- organisational documents, policies and procedures relevant to building a database.

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>