



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>