



Australian Government

Assessment Requirements for ICTDBS606

Determine database functionality and scalability

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:

- determine functionality and scalability of a complex database.

In the course of the above, the candidate must:

- document database functionality and scalability system
- document business expectations and business requirements.

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:

- architecture of database networks
- Australia code of ethics and its relation to the computing industry
- systems hardware related to the client, server and database architecture
- concept of data modelling
- functions and features of databases
- definition of data and implications for database design and functionality.

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 equipment and materials that assist in the determination of suitability of database functionality and scalability

- industry standard software packages required to determine database functionality and scalability
- industry standard database management system (DBMS)
- industry standard sample database and data.

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>