



Australian Government

Assessment Requirements for ICTDBS418 Monitor and administer databases

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:

- configure, monitor, update and manage a database with at least three tables.

In the course of the above, the candidate must:

- confirm data integrity
- monitor data storage requirements
- modify data access privileges
- document and save work.

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:

- backup and recovery methodologies and procedures
- principles of relational database design
- database security concepts
- organisational procedures referring to database processes and start-up procedures
- database server management tools
- structured query language (SQL) principles
- database administration tasks and procedures
- database processes, procedures and concepts of organisations and a vendor.

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 relational database management system
- an operational database requiring authenticated and authorised access, hosted in a network environment or virtual network environment.

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>