



Australian Government

Assessment Requirements for ICTDBS407 Monitor physical database implementation

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 1.0.

Performance Evidence

Evidence of the ability to:

- identify technical considerations affecting the implementation of a database
- analyse and monitor performance issues during the implementation of a database
- modify a database to meet project and client performance requirements.

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:

- describe the client business domain
- list current industry-accepted hardware and software products
- describe requirements of basic database design
- identify required database performance standards
- outline quality assurance practices
- outline testing and benchmarking processes
- list three or more current principles of databases.

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:

- industry software packages
- the database management system (DBMS)
- the target database prototype
- testing and benchmarking software.

Assessors must satisfy NVR/AQTF assessor requirements.

Links

Companion Volume implementation guides are found in VETNet -

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