Assessment Requirements for ICTDBS409 Monitor and administer a database

Release: 1

Assessment Requirements for ICTDBS409 Monitor and administer a database

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:

- configure a database start-up
- confirm data integrity
- monitor data storage requirements for database
- update data
- update database access.

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:

- outline backup and recovery methodologies
- explain the architectural design of relational databases
- explain the concept of database security
- outline the process involved in the selection and use of appropriate database management tools
- explain the principles of structured query language (SQL)
- outline the tasks involved in database administration
- outline the tuning methodologies.

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

- a live database, preferably on a local area network (LAN) on which there is a server that offers log-in functionality.

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