



Australian Government

Assessment Requirements for ICTPRG412 Configure and maintain 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 1.0.

Performance Evidence

Evidence of the ability to:

- install and configure database software, according to requirements
- manage database files, integrity, users and security
- create backup and restore databases
- monitor database performance
- document the database work, and database users added.

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 the principles of database design
- summarise the features of desktop operating systems
- explain the principles of relational databases
- describe the functions of computer hardware and components
- explain computer networking and components
- explain uses of structured query language (SQL).

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 programming and software development industry, and include access to:

- the database-management system software
- specific requirements, including client and functionality requirements

- naming standard.

Assessors must satisfy NVR/AQTF assessor requirements.

Links

Companion Volume implementation guides are found in VETNet -

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