



Australian Government

Assessment Requirements for ICTDBS408

Link an RFID system to a database

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 formats of radio frequency identification (RFID) system output and data fields in database
- analyse, write, install and test conversion programs
- identify format of data fields of database
- write, or obtain, and install conversion software
- compile entries in database reports.

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:

- identify the client database's data structures
- describe client data management, data security policy, and procedures
- describe and apply data analysis in determining;
 - data types
 - data structures
 - queries
 - report design
- identify the data source names in use by the organisation
- describe the open database connection (ODC)
- list the primary files, and requirements, of transaction logs to confirm appropriate database activity
- outline quality assurance practices
- identify the required software tools

- outline the system's data requirements
- define the system's current functionality
- identify the website foundation.

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
- conversion tools
- the database's software
- networked computers
- organisational guidelines
- radio frequency identification (RFID) equipment specifications.

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>