Australian Government

Assessment Requirements for ICTDBS402 Complete database backup and restore

Release: 1

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Assessment Requirements for ICTDBS402 Complete database backup and restore

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:

- determine and prepare the appropriate methods for backup, maintenance and recovery, including a contingency plan
- implement the backup and restore procedures, with minimum disruption to the business
- create, implement and document a standby database.

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:

- explain the basic principles of:
    - diagnostic tools
    - structured query language (SQL)
    - databases
    - tuning methodologies
- outline and apply the principles of:
    - backup and recovery methods
    - database administration
    - database security
    - open file backup procedures and restore operations.

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:

- equipment and materials
- documentation standards
- backup and recovery policies
- sites with a representative range of current industry standard software and diagnostic tools
- database package with data
- technical records
- organisational guidelines
- vendor documentation
- the server, and a networked personal computer, on which to conduct the backup and restore procedures.

Assessors must satisfy NVR/AQTF assessor requirements.

Links

Companion volumes available from the IBSA website:
http://www.ibsa.org.au/companion_volumes -
https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2