



Australian Government

Assessment Requirements for ICTCLD604 Manage data in cloud environments

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with the Information and Communications Technology Training Package Version 8.0. Newly created unit of competency to address in-demand skills needs.

Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including evidence of the ability to:

- implement and manage the servicing of at least two different datasets in a cloud environment
- update at least one data management policy and one data management procedure as a result of above servicing.

In the course of the above, the candidate must:

- research industry-recognised data management processes and procedures
- apply required organisational policies and procedures.

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- functions and features of data components, including:
 - data quality
 - data speeds
 - master and metadata
 - data volume
- uses of cloud technologies in storing data
- types and applications of data integration technologies
- methods to identify risks in data management
- types of industry-recognised:
 - data management processes and procedures

- information and communications technology (ICT) controls, infrastructure and tools used to integrate data in cloud environments
- functions and features of integration tools
- methods to prepare cloud infrastructure
- methods to update and finalise documentation, including organisational policies and procedures
- organisational policies and procedures, and legislative requirements relating to work tasks.

Assessment Conditions

Skills in this unit must be demonstrated in a workplace or simulated environment where the conditions are typical of those in a working environment in this industry.

This includes access to:

- cloud environments where data may be managed
- opportunities for interaction with others
- work brief and organisational policies and procedures required to demonstrate the performance evidence.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

Companion Volume Implementation Guide is found on VETNet - -

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