Australian Government

Assessment Requirements for ICTICT428 Select cloud storage solutions

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 4.0.

Performance Evidence

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

- Determine the cloud storage needs of an organisation within the scope of own responsibilities including the identification of three cloud storage options through considering the following:
    - data
    - security
    - performance
    - usability
    - and broader organisational benefits and detriments
- Review service level agreements (SLAs) for the three identified cloud storage options to identify hidden costs, ownership of data, disaster recovery and rights to retrieval, availability and performance, security standards and audit rights, data storage location and dispute mediation processes in the identification of potential cloud service providers
- Evaluate the performance and usability of the three cloud storage options
- Develop and document one cloud storage implementation plan for an organisation including the evaluation and selection of cloud storage solutions

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements and performance criteria of this unit. This includes:

- Key requirements of an ICT implementation plan
- Business types that may have cloud storage requirements
- Current trends and directions in information and communications technology (ICT), and the major industry technology standards used in cloud storage options
- Advantages and disadvantages of cloud storage options and providers
- Major themes relating to data and cyber security and their application within the organisational environment

- Current industry hardware and software products and their general features, capabilities and application as relevant to cloud storage options
- Characteristics relating to cloud storage that must be included in service level agreements
- Costs and organisational impacts relevant to a cloud storage strategy
- SLA terms related to service availability and performance

Assessment Conditions

Skills must be demonstrated in a workplace or simulated environment where conditions are typical of those in an ICT working environment or ICT workplace. This includes:

- A site where cloud storage technologies may be used
- Organisational data storage requirements and guidelines relating to the storage of information
- Cloud storage options currently used in industry
- Service level agreements (SLA) documentation relevant to cloud storage providers
- Standards, guidelines, and organisational requirements relating to work health and safety (WHS) and sustainability

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

Links

Companion Volume Implementation Guides are available from VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2