



Australian Government

ICTCLD601 Develop cloud computing strategies for businesses

Release: 1

ICTCLD601 Develop cloud computing strategies for businesses

Modification History

Release	Comments
Release 1	This version first released with ICT Information and Communications Technology Training Package Version 6.0.

Application

This unit describes the skills and knowledge required to develop a cloud computing strategy to establish cloud computing services to improve a business.

It applies to those who work in senior management, including strategic business analysts and chief information officers.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Unit Sector

Cloud computing

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Analyse existing business ICT system assets	1.1 Review business assets and identify required assets for cloud deployment 1.2 Evaluate each asset's risk tolerance according to business needs
2. Select deployment and delivery model	2.1 Map assets to required cloud deployment models 2.2 Review and select required delivery model for each asset according to business needs 2.3 Document business security risks for business
3. Develop cloud implementation strategy	3.1 Develop a cloud implementation plan, and confirm that deployment and delivery models are in line with business requirements 3.2 Develop costing for technology requirements implementation

ELEMENT	PERFORMANCE CRITERIA
	proposal 3.3 Develop processes for the periodic review of cloud service metrics according to implementation proposal and business need 3.4 Submit documentation to required personnel and seek and respond to feedback

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

Skill	Description
Numeracy	Analyses and synthesises highly embedded mathematical information in a broad range of tasks and texts
Reading	Organises, evaluates and critiques ideas and information from a range of complex texts
Writing	Prepares complex documentation detailing analysis and recommended cloud computing implementation strategy using succinct language and logical structure
Planning and organising	- Identifies the key factors that impact on decisions and their outcomes, drawing on experience, competing priorities, and decision-making strategies, where appropriate - Plans strategic priorities and outcomes within a flexible, efficient and effective context, in a diverse environment exposed to competing demands
Self-management	Develops and implements strategies that confirms that the organisational policies, procedures and regulatory requirements are being met
Technology	Uses digital technologies to manage business operations and actively investigates new technologies, for strategic and operational purposes

Unit Mapping Information

Supersedes and is equivalent to ICTICT814 Develop cloud computing strategies for a business.

Links

Companion Volume Implementation Guide is found on VETNet -

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

Assessment Requirements for ICTCLD601 Develop cloud computing strategies for businesses

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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:

- analyse and document a cloud computing implementation strategy that meets business needs.

In the course of the above, the candidate must:

- research cloud computing options in the marketplace according to business needs
- analyse the effectiveness of existing cloud computing deployment and delivery models.

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:

- business processes and cloud service sources
- cloud computing concepts, processes and trends
- require business policies and legislation that impact business operations and privacy legislation
- legal, ethical and security issues relating to cloud computing
- organisational change-management theory and methods
- risk tolerance issues for developing cloud computing strategies
- methods of deploying cloud technology strategies
- security issues relevant to a business.

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:

- a complex business environment
- required enterprise strategic documentation, including:
 - strategic planning
 - financial documentation
 - ICT infrastructure
 - business objectives and policies.

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

Links

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