



Australian Government

ICTICT814 Develop cloud computing strategies for a business

Release: 1

ICTICT814 Develop cloud computing strategies for a business

Modification History

Release	Comments
Release 1	This version first released with ICT Information and Communications Technology Training Package Version 1.0.

Application

This unit describes the skills and knowledge required to develop a cloud computing strategy for establishing cloud computing services as a key business enabler.

It applies to 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

General ICT

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 the existing business ICT system assets	1.1 Review the business assets and identify the most appropriate for possible cloud deployment 1.2 Evaluate each asset's risk tolerance to the business, for possible cloud deployment
2. Select the most suitable deployment and/or delivery model for each asset	2.1 Map each asset to potential cloud deployment models 2.2 Review and select the most relevant delivery model for each asset 2.3 Document the security risks to the business as a result of using the identified deployment and delivery models
3. Develop a cloud	3.1 Develop a cloud implementation plan, incorporating the most appropriate deployment and delivery models, in line with

ELEMENT	PERFORMANCE CRITERIA
implementation strategy	the enterprise requirements 3.2 Develop a costing for the technology requirements of the implementation proposal 3.3 Develop processes for the periodic review of the cloud service metrics, associated with the implementation proposal

Foundation Skills

This section describes language, literacy, numeracy and employment skills incorporated in the performance criteria that are required for competent performance.

Skill	Performance Criteria	Description
Reading	1.1, 1.2, 2.2	Organises, evaluates and critiques ideas and information from a range of complex texts
Writing	2.1, 2.3, 3.1	Prepares documentation expressing ideas, explores complex issues and is constructed logically, succinctly and accurately
Numeracy	3.2	Analyses and synthesises highly embedded mathematical information in a broad range of tasks and texts
Navigate the world of work	3.1	Develops and implements strategies that ensures that the organisational policies, procedures and regulatory requirements are being met
Get the work done	3.1, 3.3	- Plans strategic priorities and outcomes within a flexible, efficient and effective context, in a diverse environment exposed to competing demands - Identifies the key factors that impact on decisions and their outcomes, drawing on experience, competing priorities, and decision-making strategies, where appropriate - Uses digital technologies to manage business operations and actively investigates new technologies, for strategic and operational purposes

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ICTICT814 Develop cloud computing strategies for a business	ICAICT814A Develop cloud computing strategies for a business	Updated to meet Standards for Training Packages	Equivalent unit

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for ICTICT814 Develop cloud computing strategies for a business

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Performance Evidence

Evidence of the ability to:

- analyse and document, the effectiveness of existing cloud computing deployment and delivery models
- research the cloud computing options in the marketplace
- develop a cloud computing implementation strategy that meets the enterprise needs.

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:

- research and synthesise information to determine and document current business processes, and cloud service sources
- define and employ coaching, mentoring and teamwork skills to ensure the support of cloud computing strategies as an ongoing initiative
- investigate and analyse cloud computing concepts, processes and trends
- synthesise the relevant enterprise policies and legislation that affect business operations, specifically privacy legislation
- discriminate between the legal, ethical and security issues relating to cloud computing
- evaluate organisational change-management theory and methods
- determine the risk tolerance issues, as they relate to the development of cloud computing strategies
- investigate and critically analyse, the methods of deploying cloud technology strategies
- investigate and critically analyse, the security issues relevant to a business.

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 general information and communications technology (ICT) industry, and include access to:

- a workplace of sufficient complexity, to enable the required level of analysis to be carried out in relation to current business processes, and possible future cloud computing solutions
- relevant enterprise strategic documentation, including:
 - strategic planning
 - financial
 - ICT infrastructure
- enterprise objectives and policies.

Assessors must satisfy NVR/AQTF assessor requirements.

Links

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