



**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<br>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<br>2.2 Review and select the most relevant delivery model for each asset<br>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 | <p>the enterprise requirements</p> <p>3.2 Develop a costing for the technology requirements of the implementation proposal</p> <p>3.3 Develop processes for the periodic review of the cloud service metrics, associated with the implementation proposal</p> |

## 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        | <ul style="list-style-type: none"> <li>Organises, evaluates and critiques ideas and information from a range of complex texts</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                |
| Writing                    | 2.1, 2.3, 3.1        | <ul style="list-style-type: none"> <li>Prepares documentation expressing ideas, explores complex issues and is constructed logically, succinctly and accurately</li> </ul>                                                                                                                                                                                                                                                                                                                                                              |
| Numeracy                   | 3.2                  | <ul style="list-style-type: none"> <li>Analyses and synthesises highly embedded mathematical information in a broad range of tasks and texts</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                 |
| Navigate the world of work | 3.1                  | <ul style="list-style-type: none"> <li>Develops and implements strategies that ensures that the organisational policies, procedures and regulatory requirements are being met</li> </ul>                                                                                                                                                                                                                                                                                                                                                |
| Get the work done          | 3.1, 3.3             | <ul style="list-style-type: none"> <li>Plans strategic priorities and outcomes within a flexible, efficient and effective context, in a diverse environment exposed to competing demands</li> <li>Identifies the key factors that impact on decisions and their outcomes, drawing on experience, competing priorities, and decision-making strategies, where appropriate</li> <li>Uses digital technologies to manage business operations and actively investigates new technologies, for strategic and operational purposes</li> </ul> |

## Unit Mapping Information

| Code and title<br>current version                           | Code and title<br>previous version                           | Comments                                        | Equivalence<br>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>