ICTNWK616 Manage security, privacy and compliance of cloud service deployment

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 1.0.

Application

This unit describes the skills and knowledge required to manage cloud security controls, and privacy and legal compliance, when implementing cloud services for an enterprise.

It applies to those with managerial responsibility, such as experienced security technical specialists, security analysts and security consultants.

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

Unit Sector

Networking

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
Elements describe the essential outcomes.	*Performance criteria describe the performance needed to demonstrate achievement of the element.*
1. Manage enterprise cloud security controls	1.1 Identify the cloud security issues faced by different delivery and deployment models relevant to the enterprise
	1.2 Determine the specific enterprise areas of security responsibility
	1.3 Implement the most relevant security controls and measures, to protect identified areas of responsibility
2. Manage enterprise cloud privacy and compliance	2.1 Identify the relevant compliance regulations relating to data storage
	2.2 Determine the most relevant business continuity and data recovery plans

ELEMENT	PERFORMANCE CRITERIA
	2.3 Identify, secure and maintain, the relevant logs and audit trails
	2.4 Investigate and review legal, privacy and contractual issues to ensure that they meet the enterprise policy
3. Review, implement and document cloud security, privacy and compliance enhancements	3.1 Implement the appropriate changes, and integrate them into the current enterprise's continuity of operation program (COOP)
	3.2 Establish a performance measurement program, to evaluate the security effectiveness of implemented security controls
	3.3 Provide relevant documentation as part of COOP, for audit tracking purposes

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, 2.1, 2.3, 2.4	• Organises, evaluates and critiques ideas, and information, from a wide range of complex texts
Writing	2.3, 3.3	• Demonstrates sophisticated writing skills by selecting the appropriate conventions and stylistic devices, to express precise meaning
Navigate the world of work	1.1	• Works autonomously making high-level decisions to achieve, and improve, organisational goals • Develops and implements strategies, that ensure that organisational policies, procedures and regulatory requirements are being met
Get the work done	1.2, 1.3, 2.1-2.4, 3.1-3.3	• Plans strategic priorities and outcomes within a flexible, efficient and effective context, in a diverse environment, exposed to competing demands • Gathers and analyses data, and seeks feedback to improve plans and processes • Makes high-impact decisions in a complex and diverse environment, using input from a range of sources • Identifies the key factors that impact on decisions and their outcomes, drawing on experience, competing priorities, and decision- making strategies, where

| | | appropriate |
| | | • Explores and incubates, new and innovative ideas, through unconstrained analysis and critical thinking, to develop and improve the organisation's goals |

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ICTNWK616 Manage security, privacy and compliance of cloud service deployment	ICANWK616A Manage security, privacy and compliance of cloud service deployment	Updated to meet Standards for Training Packages.	Equivalent unit

Links

Companion Volume implementation guides are found in VETNet - https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2