



Australian Government

ICTCYS601 Create cyber security standards for organisations

Release: 2

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Modification History

Release	Comments
Release 1	This version first released with ICT Information and Communications Technology Training Package Version 6.0.
Release 2	Correcting an error in the Assessment Conditions.

Application

This unit describes the skills and knowledge required to research, plan and implement cyber security standards for an organisation.

It applies to those who work in information technology security in roles including cyber security analysts and specialists, business development managers, cyber risk and assurance managers responsible for creating cyber security standards for an organisation.

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

Unit Sector

Cyber security

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. Determine cyber security needs	1.1 Identify and document organisational cyber security needs 1.2 Identify existing organisational cyber security standards framework 1.3 Identify external cyber security standards according to organisational requirements 1.4 Identify core components and implementation tiers of framework according to organisational requirements 1.5 Identify and document cyber security framework profile according to organisational policies and procedures
2. Create standards	2.1 Determine and document objectives of standards

framework	framework 2.2 Document standards framework according to organisational and cyber security standards requirements 2.3 Submit documentation to required personnel and respond to required changes
3. Implement cyber security standards	3.1 Distribute cyber security framework to required personnel 3.2 Lodge documentation according to organisational policies and procedures
4. Finalise and monitor cyber security standards	4.1 Analyse organisation's adherence to cyber security standards 4.2 Detect areas of non-compliance and resolve according to organisational requirements 4.3 Analyse recovery strategies according to cyber standards requirements 4.4 Confirm completion of requirements from required personnel

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
Reading	<ul style="list-style-type: none"> Interprets information from technical, manufacturer and organisational documentation to determine and confirm job requirements
Writing	<ul style="list-style-type: none"> Prepares complex workplace documentation detailing processes and outcomes using required structure, layout and applicable language
Planning and organising	<ul style="list-style-type: none"> Operates from a broad conceptual plan, developing the operational detail in stages, regularly reviewing priorities and performance during implementation, and identifying and addressing issues
Problem solving	<ul style="list-style-type: none"> Uses provided context to identify recognise anomalies and subtle deviations to normal expectations, focusing attention and remedying problems as they arise
Self-management	<ul style="list-style-type: none"> Uses systematic processes, setting goals, gathering required information and identifying and evaluating options against agreed criteria

Unit Mapping Information

No equivalent unit. New unit.

Links

Companion Volume Implementation Guide is found on VETNet -

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