Australian Government

ICTCYS602 Implement cyber security operations

Release: 1

ICTCYS602 Implement cyber security operations

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 research, implement and monitor cyber security operations.

It applies to those in cyber security roles including network and server administrators and cyber security architects working in security operations within 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
Elements describe the essential outcomes.	*Performance criteria describe the performance needed to demonstrate achievement of the element.*
1. Assess organisational cyber security operations	1.1 Identify existing organisational cyber security operations 1.2 Identify organisational cyber security requirements 1.3 Analyse effectiveness of organisations existing cyber operations against organisational requirements 1.4 Document findings of analysis according to organisational requirements
2. Determine and document organisational operations	2.1 Determine and document required updates to existing organisational operation 2.2 Determine and document service disruption and task requirements for implementing cyber operations 2.3 Distribute document to required personnel in preparation for required implementation

3. Implement organisational cyber security operations	3.1 Initiate implementation of cyber security operations according to task requirements 3.2 Implement required operational and analytical processes 3.3 Implement personnel requirements according to task requirements 3.4 Implement incident reporting and escalating procedures 3.5 Implement required hardware and software support requirements
4. Test and finalise	4.1 Test operational processes of cyber security operations and determine alignment to requirements 4.2 Analyse performance and document required operational changes 4.3 Update cyber security operations according to analysis results and determine required alignment to task requirements 4.4 Review final cyber security strategy and document and lodge document according to organisational procedures

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	• Interprets information from technical, manufacturer and organisational documentation to determine and confirm job requirements
Writing	• Prepares complex workplace documentation detailing analysis, findings and recommendations using required structure, layout and technical programming language
Planning and organising	• Develops information security strategies using logical sequencing
Problem solving	• Identifies context to recognise anomalies and subtle deviations to normal expectations, focusing attention and remedying problems as they arise
Self-management	• Takes full responsibility for identifying and considering organisational protocols and requirements
Technology	• Identifies principles, concepts, language and practices associated with the digital and cyber world

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