Assessment Requirements for ICTCYS613 Utilise design methodologies for security architecture

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 6.0.

Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including evidence of the ability to:

- use methodologies to design at least one cyber security solution for an organisation on at least one occasion.

In the course of the above, the candidate must:

- research and analyse industry standard design methodologies for designing security architecture
- document finalised security solution.

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- industry standard cyber security design methodologies
- principles of cyber security
- principles of security architecture
- different types of cyber security risks required to design security architecture
- presenting security architecture in document form.

Assessment Conditions

Skills in this unit must be demonstrated in a workplace or simulated environment where the conditions are typical of those in a working environment in this industry.

This includes access to:

- organisational data
- organisational operating structure

- organisational procedures applicable to designing security architecture including:
  - documentation processes
  - establishing requirements and features of security strategies
  - establishing baselines and metrics
  - testing methodologies.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

Companion Volume Implementation Guide is found on VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2