



Australian Government

Assessment Requirements for ICTNWK549 Design ICT security frameworks

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:

- determine and develop security policies and operating procedures on at least one occasion.

In the course of the above, the candidate must:

- conduct risk analysis
- analyse and identify organisation's security requirements
- research and assess security framework requirements with consideration of statutory and commercial requirements
- identify associated costs.

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 design criteria for a security framework, including:
 - organisation's business domain
 - legislation relating to Information and Communications Technology (ICT) security
 - current industry standard hardware
 - current industry standard software products
 - industry standard security features and capabilities
 - operating systems
 - risk relating to ICT security
- industry standard security considerations for businesses, including:
 - typical environments
 - threats
 - policies and strategies.

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:

- information on the security environment
- laws and legislation relevant to ICT security
- existing organisational security policies
- security environment, which also includes the threats to security that are, or are held to be, present in the environment
- risk analysis tools.

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>