



Australian Government

Assessment Requirements for ICTCYS403 Plan and implement information security strategies for an organisation

Release: 1

Assessment Requirements for ICTCYS403 Plan and implement information security strategies for an organisation

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:

- plan and implement an information security strategy according to organisational needs.

In the course of the above, the candidate must:

- establish at least three security baselines and at least three testing metrics
- comply with legislation and industry requirements
- follow organisational procedures.

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:

- function of information security strategy testing procedures, including:
 - vulnerability tests
 - basic penetration tests
- key organisational environment and business processes required to plan and implement information security strategies for an organisation
- network and cyber security features and principals
- types of data and classifications including sensitivity levels
- advantages and importance of implementing information security strategies
- organisational procedures applicable to developing information security strategies, including:
 - documentation processes
 - designing secure network infrastructure
 - establishing requirements and features of information security strategies
 - establishing baselines and metrics

- testing methodologies.

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:

- required hardware, software and its components
- information and documents applicable to organisational procedures and processes
- information security strategy testing software.

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>