



Australian Government

Assessment Requirements for ICTSAS440 Monitor and administer security of ICT systems

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:

- monitor and administer security functions of at least two different ICT systems.

In the course of the above, the candidate must:

- access and modify user settings to satisfy security policies, including:
 - legal notices at logon
 - password strength
 - email and resource access
- review user accounts for security control
- identify security features in operating environment
- monitor threats to the network using:
 - review logs and audit reports
 - third-party diagnostic tools
 - implementation of virus checking process and schedule
 - preparation of an audit report and recommendations
 - security spot checks.

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 accepted hardware and software products related to IT security
- privacy issues and legislation with regard to IT security
- risk analysis processes for system security
- role of users in setting security
- password strength guidelines

- security technology and systems technologies
- client business domains, including:
 - client organisation structure
 - business functionality.

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:

- special purpose tools, equipment and materials required for the monitoring and administration of security functions of ICT systems
- industry software packages
- an environment with an existing security system in place
- security policy for security systems
- industry and organisational standards
- a live ICT system.

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>