



**Australian Government**

**Assessment Requirements for ICTSAS440  
Monitor and administer security of ICT  
systems**

**Release: 1**

# Assessment Requirements for ICTSAS440 Monitor and administer security of ICT systems

## 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>