



Australian Government

Assessment Requirements for ICTICT317 Maintain standard operating environments

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with the Information and Communications Technology Training Package Version 8.0. Supersedes and is equivalent to ICTICT302 Install and optimise operating system software. Updated title to better reflect unit scope.

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:

- maintain at least two standard operating environments (SOEs) for an organisation
- deploy SOE and applications to at least one centrally managed end-user device
- create at least one deployment plan for automatic SOE and applications.

In the course of the above, the candidate must:

- review organisational system requirements
- apply required organisational policies and 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:

- methods for configuring and deploying SOEs and applications
- functions and features of deployment plans, including:
 - scheduling updates
 - maintenance measures
- types of automatic deployment components, software and hardware
- functions and features of diagnostic testing software configuration components and equipment
- types of testing procedures for automatic SOE and applications
- key functions and features of centrally managed end-user devices, including:
 - kiosks

- laptops
- desktops
- thin clients
- virtualised workstations
- key operating system (OS) functions used in organisations, including:
 - file systems
 - memory management
 - process scheduling
- types of OS user interfaces and networks
- required types of SOE applications, drivers and hardware options
- methods of identifying SOE limitations and improvements
- types of industry accepted hardware and software for maintaining SOEs and applications
- functions and features of OS functions used in organisations
- functions and features of SOE infrastructure
- types of organisational requirements for OS
- functions and applications of automatic patching
- organisational formats for documentation and reports
- organisational policies and procedures, and legislative requirements relating to work tasks.

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:

- a centrally managed end-user device where SOE deployment is required
- diagnostic testing software, configuration components and equipment
- work brief and organisational policies and procedures required to demonstrate the performance evidence.

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>