



Australian Government

Assessment Requirements for ICTSAS445

Configure and troubleshoot operating system software

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:

- install, configure, optimise and troubleshoot two different operating systems, on two separate occasions, each for a different organisation.

In the course of the above, the candidate must:

- improve system performance with minimum disruption to clients
- identify OS problems and resolve using command line options and system tools.

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:

- requirements of different operating systems
- architecture of technical systems
- industry accepted hardware and software products
- functions and features of the OS used by the organisation
- OS resolution strategies, including:
 - command line options
 - system tools
- installation and configuration of systems software including:
 - organisational requirements for OS software
 - prerequisites for system software installation
 - set-up and configuration procedures
 - software packages supported by the organisation
 - system's functionality
 - system's diagnostic software

- vendor specifications and requirements for installation
- organisational procedures, including:
 - OS comparison and contrast methods
 - OS functionality and operation testing
 - OS installation procedure documentation
 - OS troubleshooting procedures
 - OS change documentation
 - OS change procedures.

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:

- industry accepted devices where OS installations can be performed
- OS software
- command line options and system tools
- technical documentation
- organisational documentation.

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>