



Australian Government

Assessment Requirements for ICTICT315 Implement system software changes

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 ICTICT304 Implement system software changes.

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:

- complete at least two different types of system software changes.

In the course of the above, the candidate must:

- test and evaluate the impact of system software changes
- consult with required personnel and users from impacted organisational areas
- hand over system software changes with instructions and updated documentation to organisational areas
- configure computers to accept new or upgraded application software
- 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:

- functions and features of:
 - basic software applications in relation to computer systems
 - roll-back paths in the event of system failure
 - maintenance methodologies
- methods to monitor system software updates and advances
- impact of software changes, updates and advances on computer systems
- types of technical data required for making changes to software
- configuration instructions, plans and techniques for software updates
- types of initialisation and configuration files

- methods to update repositories after software updates and changes occur
- types of organisational documents and formats used to record system software updates and changes
- functions and features of change management systems
- types of operational areas that may be impacted by software changes
- methods to facilitate the handover of modified systems
- testing procedures for computer systems
- organisational scheduling requirements
- industry-accepted hardware and software products
- vendor software service specifications regarding system software changes
- 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 computer on which system software changes are to be applied
- software applications to be updated or changed
- opportunities for interaction with others
- 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>