Assessment Requirements for ICTNWK311 Install and test network protocols

Release: 2

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Modification History

Release	Comments
Release 2	This version first released with ICT Information and Communications Technology Training Package Version 8.0. Removal of 'Writing' skill removed from Foundation Skills.
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:

- configure, test and validate network protocols in order to facilitate interconnectivity on at least one occasion
- install and manage network protocols in a network and troubleshoot problems on at least one occasion.

In the course of the above, the candidate must:

- adhere to work health safety (WHS) requirements according to 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:

- business domains, including the organisational structure and business functionality of the network
- user needs, manufacturer specifications and organisational policies and procedures
- network protocol required to install and manage network protocols
- required communications technologies and their associated protocols
- industry accepted hardware and software products, and general features and capabilities
- network protocols currently in use in the organisation and industry, including:
  - transmission control protocol
  - internet protocol (TCP/IP)

- OSI models
- vendor product range and development directions
- network protocols transcend organisational size and network complexity.

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 live network
- application software and operating system
- networked computers
- organisational guidelines
- technical documentation and installation manuals
- vendor software
- work health and safety (WHS) guidelines, policies and procedures.

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