



Australian Government

Assessment Requirements for ICTNWK429 Install hardware to networks

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:

- evaluate client user requirements and hardware installation for at least one network
- install a range of network hardware by planning, managing and supporting the installation of new components in a network
- document finished process.

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, data and voice networking, security products, devices and procedures, including:
 - industry accepted network protocols
 - organisational contracting procedures and responsibilities
 - system diagnostic software
 - industry accepted network hardware and software products
 - hardware and software installation procedures
 - local area network (LAN) capabilities and characteristics, such as network type, internet protocol (IP) addressing, switch or hub operation
 - various features of network connections, including types of cables, cabling distance limitations and wireless connections
 - operating systems sufficient to enable basic installation
 - set-up and configuration procedures
- software packages supported by organisation.

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:

- vendor hardware and software components
- application software and operating system
- hardware maintenance tools
- a live network
- networked computers
- organisational guidelines
- technical documentation and installation manuals.

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>