



Australian Government

Assessment Requirements for ICTNWK427 Configure desktop environments

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 and configure at least one desktop operating system, including user accounts, file and print services and security
- perform backup and recovery, monitor and troubleshoot the desktop environment for one desktop operating system
- document the finalised 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:

- features of desktop operating systems, applications, compatibility issues and resolution procedures
- configuration requirements of a desktop environment
- file naming conventions related to selected operating system
- network protocols and transmission control protocol or internet protocol (TCP/IP) network connectivity
- operating systems and their functions, including file system, memory management and process scheduling
- printer driver and queue management
- process or task management, including process termination
- tools available for remote assistance and administration
- troubleshooting tools and techniques, including network diagnostic utilities and remote assistance and administration tools
- user account, group and password administration and guidelines for selecting a secure password
- file system navigation and manipulation utilities
- software and hardware manufacturer and user licensing.

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 site where server installation may be conducted
- relevant server specifications, including:
 - cabling
 - local area network (LAN)
 - diagnostic software
 - switch
 - client requirements
 - wide area network (WAN) service point of presence
 - desktop workstations
- required regulatory documentation that affects installation activities.

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>