Assessment Requirements for ICTTEN514 Install, configure and test a server

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 2.0.

Performance Evidence

Evidence of ability to:

- analyse server and network operational issues
- apply user applications and relate to user needs when configuring a server
- create technical and user documentation
- install and configure server
- test server and reconfigure network
- troubleshoot server and network failures.

Note: If a specific volume or frequency is not stated, then evidence must be provided at least once.

Knowledge Evidence

To complete the unit requirements safely and effectively, the individual must:

- describe the Australian Computer Society Code of Ethics
- describe the following aspects of a common network:
    - cable types and connectors
    - topologies
- explain compatibility issues and resolution procedures
- summarise desktop applications and operating systems
- outline documentation requirements for networks
- describe typical enterprise communication and training systems for staff involved in deployment
- outline features of:
    - current network operating systems (NOS)
    - current server applications compatibility issues and resolution procedures
- outline implementation and configuration of servers

- explain system back-up procedures.

Assessment Conditions

Gather evidence to demonstrate consistent performance in conditions that are safe and replicate the workplace. Noise levels, production flow, interruptions and time variances should be typical of those experienced in the telecommunications networks engineering field of work and include access to:

- a site where server installation may be conducted
- relevant server specifications
- cabling
- networked local area network (LAN) computers
- server diagnostic software
- switch
- technical requirements for a network
- wide area network (WAN) service point of presence
- workstations
- relevant regulatory documentation impacting 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 guides are found in VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2