



Australian Government

Assessment Requirements for ICTNWK552 Install and configure network access storage devices

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:

- determine specifications, install, configure and test at least three network access storage devices on at least one occasion.

In the course of the above, the candidate must:

- troubleshoot performance issues where required
- document finalised outcomes.

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:

- advantages and disadvantages of NAS versus direct attached storage (DAS) devices
- legislative, regulatory, standards and codes of practice related to NAS
- industry standard hard drive types and connectors
- industry standard network cable types and connectors
- common network topologies
- process for implementation and configuration of networks
- redundant array of independent disks (RAID) configurations and their application in data storage.

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 NAS device and basic components to build a NAS including:
 - industry standard personal computer
 - industry standard operating system
 - hard disk and network connection
- network devices
- workstations and servers
- cabling access points and a wireless access point.

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>