



Australian Government

Assessment Requirements for ICTNWK524

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 1.0.

Performance Evidence

Evidence of the ability to:

- determine the specifications for a network access storage (NAS)
- select the appropriate hardware and software requirements
- install a network access storage (NAS) device without interruption to other local area network (LAN) services
- configure LAN services accessing the NAS to allow user-less intervention for normal operation
- test and resolve configuration problems.

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 advantages and disadvantages of NAS versus direct attached storage (DAS) devices
- identify and summarise the legislative, regulatory, standards and codes of practice related to NAS
- Identify and describe common hard drive types and connectors
- identify and describe common network cable types and connectors
- outline the common network topologies
- describe the implementation and configuration of networks
- recognise and describe redundant array of independent disks (RAID) configurations and state their application in data storage.

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 must be typical of those experienced in the network industry, and include access to:

- a NAS device or basic components to build a NAS, such as personal computer, operating system, hard disk, and network connection
- network devices, such as switches and routers
- workstations and servers
- cabling access points and a wireless access point.

Assessors must satisfy NVR/AQTF assessor requirements.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2>