



Australian Government

Assessment Requirements for ICTSAS307 Install, configure and secure a small office or home office network

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:

- identify the most suitable network hardware and software equipment to meet client requirements
- install, configure and test the network according to client requirements, and produce appropriate documentation
- identify possible security threats and secure the network.

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:

- identify current industry accepted hardware and software products, including those used for networks
- identify data and voice transmission technologies and protocols
- identify hardware and software installation procedures
- describe local area network (LAN) capabilities and characteristics, including:
 - network types
 - internet protocol addressing
 - switch and hub operation
- describe network connections, both wired and wireless
- describe networking technologies, including network operating systems and cabling standards
- describe network operating systems and their basic installation procedures for small office applications
- summarise set-up and configuration procedures
- summarise security implications for a home office network

- describe the methods to secure a home network
- identify small business and home office networking requirements
- identify software packages supported by the organisation
- identify and describe the industry standards applicable to small networks.

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 systems administration and support field of work and include access to:

- current industry standard software, hardware, and networking technologies
- server and workstation hardware and software
- internet connection
- live network
- network components, hardware and software
- networked computers
- vendor hardware and software components
- technical documentation and installation manuals.

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>