



Australian Government

Assessment Requirements for ICTNWK531 Configure an internet gateway

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 client requirements and network specifications
- determine security measures and brief users
- connect network hardware devices to an internet gateway
- configure and test gateway products
- configure and test node according to vendor specifications and client requirements.

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 and describe current browser software
- explain domain name server (DNS) resolution
- outline the features and functions of:
 - network architecture
 - bridges as required
 - desktop operating systems
 - hubs
 - network gateways
 - network operating systems:
 - routers
 - switches
- describe the security issues that may impact on an internet gateway
- describe common security solutions and strategies
- identify and describe the principle function of current gateway software.

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 network and internet where gateway products may be installed and configured
- use of hardware and software currently used in industry
- client requirements documentation
- vendor specifications.

Assessors must satisfy NVR/AQTF assessor requirements.

Links

Companion Volume implementation guides are found in VETNet -

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