



Australian Government

Assessment Requirements for ICTNWK541 Configure, verify and troubleshoot WAN links and IP services

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:

- install, configure and test Wide Area Networks (WAN) links on at least two occasions.

In the course of the above, the candidate must:

- plan and prepare for WAN link installation
- document finalised solutions for WAN links
- secure access to network router through access control lists.

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:

- industry standard operation and configuration of internet protocol version 6 (IPv6)
- industry standard router setup and operations, including:
 - ACLs
 - router command line interface (CLI) configuration
 - router debug commands
- industry standard problems and solutions with WAN link installations.

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.

- a site where network installation may be conducted
- small enterprise routers and switches
- network's design documentation

- equipment specifications
- hardware and software required to install and operate small enterprise branch networks
- end user device
- policies and procedures pertaining to the installation and operation of a network.

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>