



**Australian Government**

# **Assessment Requirements for ICTTEN511 Administer a data communications network**

**Release: 1**

# Assessment Requirements for ICTTEN511 Administer a data communications network

## Modification History

Release	Comments
Release 1	This version first released with ICT Information and Communications Technology Training Package Version 2.0.

## Performance Evidence

Evidence of ability to:

- establish and configure a data communications network
- set up and maintain systems, facilities, applications, and software
- administer user accounts
- diagnose and isolate system faults.

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:

- determine features and operating requirements of data communications software and hardware for network systems
- outline manufacturer's requirements of testing software and equipment
- summarise test methods and performance requirements
- describe typical issues and challenges that occur when administering a data communications network.

## 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 should be typical of those experienced in the telecommunications networks engineering field of work and include access to:

- sites where communications network and systems user accounts can be administered
- equipment currently used in industry
- relevant regulations and company policies impacting communications network activities.

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 guides are found in VETNet -

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