



Australian Government

**Assessment Requirements for ICTTEN823
Manage voice, data and internet protocol
network solutions**

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 7.0.

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:

- develop and manage at least two voice, data and IP network solutions.

In the course of the above, the candidate must:

- produce test management schedules
- develop network architecture solution specifications
- develop software and hardware resource profiling and select suitable vendor for negotiations
- conduct configuration management of voice, data and IP network and provide complex input network design requirements
- analyse test reports
- prepare installation failures procedure
- produce tuning activities to enable efficiencies
- produce capacity plan predicting infrastructure resource needs.

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:

- required legislation, codes, company work practices, regulations and standards, workplace health and safety (WHS) requirements for scoped work
- functions and features of capacity plans
- installation failure procedures
- change management strategies required for the introduction of new technologies
- software application characteristics
- new IP network solutions
- software and hardware resources required to project

- system integration techniques
- test management scheduling
- detailed summary of tuning activities necessary to maintain currency
- use of forecasting demand data
- test management tools.

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.

This includes access to:

- a site where management of voice, data and IP network solutions can be conducted
- software and hardware resources suitable for developing, deploying and managing voice, data and IP network solutions
- tests and equipment currently used in industry.

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>