



**Australian Government**

# **Assessment Requirements for ICTSAS417 Undertake ICT system capacity planning**

**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:

- monitor and accurately assess current and future capacity requirements of a system and document outcomes
- predict and document capacity requirements, with forecasts being realistic and achievable
- plan and install capacity enhancements
- create and maintain required documentation.

Note: Evidence must be provided for at least TWO organisations or occasions.

## Knowledge Evidence

To complete the unit requirements safely and effectively, the individual must:

- analyse and describe the system's current functionality
- outline the key features of:
  - component performance management
  - current industry accepted hardware and software products
  - financial analysis
  - client business domain
  - performance monitoring tools
  - quality assurance practices with regard to proposed Information and Communications Technology (ICT) capability enhancements
  - service level agreements relating to proposed ICT capability enhancements
  - role of stakeholders and the degree of stakeholder involvement.

## 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:

- special purpose tools, equipment, materials and
- industry software packages
- live system
- service level agreements
- fault logs
- users
- hardware components for installation.

Assessor 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>