



**Australian Government**

# **Assessment Requirements for ICTSAS415 Optimise ICT system performance**

**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:

- analyse system performance and document a plan to improve performance
- modify and tune the system to keep the system balanced and performing well.

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 business scheduling requirements, including the role of stakeholders and the degree of stakeholder involvement
- compare and contrast current industry standard hardware and software monitoring tools, and how to interpret information produced from monitoring
- describe optimum system performance, change-control procedures and theoretical concepts
- analyse one or more change management tools
- discuss quality assurance practices with regard to proposed changes to information and communication technology (ICT) systems
- analyse current system functionality and describe the key features and functions of the system under modification.

## 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 including:

- special purpose tools, equipment and materials
- industry software packages, including:
  - system components and software for performance tuning
  - technical manuals and resources
  - fault logs
  - diagnostic tools.

Assessors 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>