



Australian Government

Assessment Requirements for ICTSAS439

Analyse ICT system capacity and implement enhancements

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:

- monitor and assess the current and future capacity requirements and plan and implement capacity enhancements for at least two different ICT systems, on at least two separate occasions.

In the course of the above, the candidate must:

- access required hardware and software for testing and enhancement
- review ICT system configuration information, workload and fault logs
- document and analyse capacity requirements, with realistic and achievable forecasts, including financial requirements.

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:

- ICT system functionality and operating levels
- key features of:
 - component performance management
 - industry accepted hardware and software products
 - financial analysis
 - client business domain
 - performance monitoring tools
 - quality assurance practices with regard to proposed ICT capability enhancements
 - SLAs relating to proposed ICT capability enhancements
 - role of stakeholders and the degree of stakeholder involvement
- organisational procedures including:

- ICT system workload analysis
- ICT system fault log analysis
- ICT system capacity analysis documentation procedures
- ICT system requirement documentation
- ICT system capacity enhancement installation
- assessment of ICT system enhancements.

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:

- tools, equipment, materials, hardware and industry software packages required for ICT system capacity analysis and enhancement implementation
- live system
- SLAs
- fault logs
- users and required person.

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>