



**Australian Government**

# **Assessment Requirements for ICTWEB435 Maintain website 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 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:

- track, tune and monitor performance of a website's performance according to client performance expectations, specifications and business requirements.

In the course of the above, the candidate must:

- identify and rectify faults using diagnostic and software tools, where performance is not met
- document faults identified and improvements made according to organisational policy and procedures
- implement scheduled and non-scheduled maintenance
- review and update documentation relating to maintenance and administration and security according to findings
- perform website updates.

## 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:

- website performance maintenance process including:
  - security issues
  - website server architecture (e.g. Linux, Windows, Unix)
  - website security protocols
  - workload (web traffic) metrics
- business process design methodologies relevant to maintaining website performance
- performance benchmark testing techniques
- website improvement methods

- documentation techniques relevant to maintaining website performance
- security tools and procedures
- website administration techniques including updating website content and links
- organisational policies and procedures applicable to maintaining website performance.

## 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:

- client specifications documentation
- web servers and websites
- required software, hardware and digital devices
- technical specifications
- web traffic diagnostic tools, including timing tools to gauge website response times
- organisational policies and procedures.

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>