



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>