



Australian Government

Assessment Requirements for ICTWEB404 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 1.0.

Performance Evidence

Evidence of the ability to:

- review and establish, website performance benchmarks
- ensure that the website meets specifications
- identify and rectify faults, where the performance is not met
- implement scheduled and non-scheduled maintenance
- effectively monitor, and tune, website performance.

Note: If a specific volume or frequency is not stated, then evidence must be provided at least once.

Knowledge Evidence

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

- describe the process of maintaining a website performance including:
 - security issues
 - website server architecture (e.g. Linux, Windows, Unix)
 - website security protocols
 - workload (web traffic) metrics
- outline the business process design methodologies
- identify and describe legislation, regulations, and codes of practice as they relate to web performance, including:
 - codes of ethics
 - privacy
 - copyright
 - intellectual property.

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 website technologies field of work, and include access to:

- web servers and websites
- the technical requirements
- web traffic diagnostic tools, including timing tools to gauge website response times
- the appropriate learning and assessment support, when required
- the relevant organisational policies and procedures.

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>