



**Australian Government**

# **Assessment Requirements for ICTWEB408**

## **Ensure basic website security**

**Release: 1**

# Assessment Requirements for ICTWEB408 Ensure basic website security

## 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:

- identify the level of security required by the business for the website
- implement password protection solutions, for the website and the server
- install and maintain, an intrusion detection system
- implement protocol security.

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:

- outline the client business domain, including the client organisation structure and business functionality
- identify current industry-accepted hardware and software products
- outline desktop applications and operating systems, as required
- describe firewall functionality
- describe hypertext transfer protocol (HTTP) and disk and executing monitor tools (daemons)
- outline the range of security protocols, including:
  - secure socket layer (SSL)
  - point-to-point network tunnelling protocol (PPTP)
  - layer 2 tunnelling protocol (L2TP)
- define security patches
- explain specific purpose security computers, acting as bastion hosts
- explain web-server operating systems.

## 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 should be typical of those experienced in the website technologies field of work, and include access to:

- special purpose tools, equipment, materials
- industry software packages
- a basic website and web servers
- the organisational requirements documentation
- website manuals and instructions.

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>