Australian Government

Assessment Requirements for ICTWEB436 Monitor traffic and compile website traffic reports

Release: 1

Assessment Requirements for ICTWEB436 Monitor traffic and compile website traffic reports

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:

- select and install a site-analysis software and an internet service provider (ISP) according to organisational and vendor requirements and website architecture
- generate and analyse at least two different traffic reports.

In the course of the above, the candidate must:

- recommend and implement changes from traffic reports.

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:

- problems and challenges arising with an organisation website related to:
  - data queues and bottlenecks
  - website security
  - website copyright and intellectual property requirements
- the process of monitoring website traffic, including:
  - functionality of network device drivers
  - functionality of network operating systems
  - queuing systems
  - website architecture
  - workload metrics
  - server design and functionality
- the features and functionality of commercially available drivers, software and systems, including:
  - log file analysis software

- - traffic tracking software
  - network device drivers
  - network operating systems
  - queuing systems
- forecasting methodologies relevant to monitoring and reporting on website traffic
- organisational policies and guidelines applicable to monitoring and reporting on website traffic.

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:

- analysis software
- web servers and website
- required hardware, software and digital devices.

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