Assessment Requirements for ICTPRG504 Deploy an application to a production environment

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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:

- prepare plans for software installation taking into account data, resource and security requirements
- create application install and uninstall packages, and then test and troubleshoot any issues
- install a database to a production environment
- configure variables, parameters and security features for a production environment.

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 basic principles of database management systems
- outline the software development life cycle (SDLC)
- explain the coding used to create deployment applications
- explain the information and communications technology (ICT) hardware, software, security protocols and standards and organisational policies relevant to deployment of applications.

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 programming and software development industry, and include access to:

- sufficient privileges to install packages on client and server system
- database management system software

- specific tools and licences, depending on the particular platform.

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