



Australian Government

Assessment Requirements for ICTPRG605 Manage development of technical solutions from business specifications

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:

- evaluate organisational requirements to produce technical solutions and apply design concepts on at least one occasion.

In the course of the above, a candidate must:

- document outcomes and processes against accepted industry practices.

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:

- business processes applicable to managing development of technical solutions
- compatibility issues and resolution procedures relating to managing development of technical solutions
- configuration of internet protocol (IP) networks and desktop applications and the operating system (OS) applicable to managing development of technical solutions
- linking processes and procedures
- industry standard technologies, such as:
 - access and core networks
 - information and communications technology (ICT) network topologies
 - mobile cellular networks
 - network protocols and OS
 - optical networks and principles
 - radio frequency (RF) networks and principles
 - radio frequency identification (RFID) hardware and software
 - security protocols, standards and data encryption

- development platform that provides the tools to build, and deploy, applications into target platform environments.

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:

- organisation's functional requirements and technical specifications
- database and simulation software
- organisational guidelines
- network or computer layout
- site-design software and hardware
- information on applicable ICT business solutions.

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>