



Australian Government

Assessment Requirements for ICTPRG602 Manage the development of technical solutions from business specifications

Release: 1

Assessment Requirements for ICTPRG602 Manage the development of technical solutions from business specifications

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:

- adapt technologies to specified technical solutions
- use site design software and hardware
- evaluate client specifications against accepted industry practices
- produce technical solutions from business specifications
- produce information that can be shared between businesses
- apply design concepts to business solutions
- produce technical reports
- make recommendations, and offer optimum design solutions.

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:

- explain the business processes for a project
- outline the client business domain, including the client organisation structure and business functionality
- explain compatibility issues and resolution procedures
- outline the configuration of internet protocol (IP) networks
- describe the importance of customer and business liaison
- summarise desktop applications and the operating system (OS), as required
- explain the procedures for linking processes
- outline project management methodologies and processes
- explain security protocols, standards and data encryption
- explain technologies, such as:
 - access networks

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

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 programming and software development industry, and include access to:

- the client's functional requirements
- business specifications
- the database and simulation software
- organisational guidelines
- the network or computer layout
- site-design software and hardware
- information on a range of ICT business solutions.

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>