



Australian Government

Assessment Requirements for ICTSUS501 Implement server virtualisation for a sustainable ICT system

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 2.0.

Performance Evidence

Evidence of the ability to:

- communicate with clients for business purposes
- determine and meet client requirements for installation and testing a virtual server
- install, integrate and test virtualisation components according to vendor and technical specifications.

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 client business domain, business function and organisation
- summarise compatibility issues and resolution procedures
- describe configuration of internet protocol (IP) networks
- identify current industry-accepted products
- describe the process of documenting technical specifications
- outline linkage between processes
- discuss systems diagnostic features
- summarise the following technologies:
 - power supply requirements and management
 - registered random access memory (RAM)
 - server design and network architecture
 - set up and configuration procedures
 - single and multiple processors
 - vendor specifications and requirements for software installation

- virtual server functionality.

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 telecommunications – sustainability field of work and include access to:

- a site and equipment on which servers can be virtualised
- server virtualisation currently used in industry
- relevant documentation, feasibility studies, equipment manuals and other site-related documentation.

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 guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2>