



Australian Government

Assessment Requirements for ICTNWK535 Install an enterprise virtual computing environment

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 1.0.

Performance Evidence

Evidence of the ability to:

- identify and apply, the suitable tools and software applications required to manage virtual machines
- configure the software applications to manage virtual machines
- integrate the virtual machines into the existing network design
- test and validate the virtualisation.

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:

- determine current government and industry policies, and guidelines, relating to the development of efficient and reliable, information and communications technology (ICT) environments
- analyse the current technologies, and processes, designed to produce an efficient and reliable ICT environment
- research the current recommendations on sustainability options in ICT design
- discuss the benefits of virtualisation
- identify and apply, the processes and procedures for installing and configuring virtualisation software and virtual machines
- identify and apply, the processes and procedures for configuring virtual machines into network design
- determine the structure, functions and business organisation of the client
- identify and apply, the available tools and software applications required to manage virtual machines
- research the configuration of software applications required to manage virtual machines

- research the configuration required to integrate virtual machines into existing network design.

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 network industry, and include access to:

- site or prototype, where virtual machine environments may be implemented
- the network's technical requirements
- industry relevant virtualisation software.

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>