



Australian Government

**Assessment Requirements for ICTNWK534
Monitor and troubleshoot virtual
computing environments**

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:

- monitor the enterprise's virtual computing environment, using the correct management tools
- configure the enterprise's virtual computing environment to operate at an optimal performance level
- troubleshoot problems in the virtual computing environment, using the relevant management tools.

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:

- identify and review, current government and industry policies, and guidelines, relating to the development of efficient and reliable, information and communications technology (ICT) environments
- define the current technologies, and processes, designed to produce an efficient and reliable ICT environment
- specify the structure, functions and business organisation of the client
- identify and apply, the available tools and software applications required to manage virtual machines
- specify the configuration of software applications required to manage virtual machines
- specify the configuration required to integrate virtual machines, into an 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:

- a site or prototype, where virtual machine environments may be implemented
- the network's technical requirements
- a range of suitable 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>