



Australian Government

**Assessment Requirements for ICTNWK533
Configure and manage advanced virtual
computing environments**

Release: 1

Assessment Requirements for ICTNWK533 Configure and manage advanced virtual computing environments

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:

- plan and design a virtual network, using the available advanced technologies
- configure the virtual network's security and storage requirements
- manage and administer the virtual network at an advanced level.

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:

- define current government and industry policies, and guidelines, relating to the development of efficient and reliable, information and communications technology (ICT) environments
- determine the current technologies, and processes, designed to produce an efficient and reliable ICT environment
- describe the structure, functions, and business organisation of the client
- identify the benefits and costs of virtualisation
- summarise the procedures and processes for planning, designing and securing virtual environments
- specify the design, and configuration, of the available tools and software applications required to manage virtual machines
- specify the configuration required to integrate virtual machines into the existing network design
- describe the configuration and management of the storage infrastructure.

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>