



Australian Government

Assessment Requirements for ICTNWK557 Configure and manage advanced 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 6.0.

Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including evidence of the ability to:

- plan, design and configure a medium-size virtual network.

In the course of the above, the candidate must:

- document finalised plans and processes.

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- government and industry policies and guidelines, relating to the development of efficient and reliable, Information and Communications Technology (ICT) environments
- industry standards technologies and processes, designed to produce an efficient and reliable ICT environment
- structure, functions and business organisation of the client
- benefits and costs of virtualisation
- procedures and processes for planning, designing and securing virtual environments
- design and configuration of industry standard tools and software applications required to manage virtual machines
- configuration required to integrate virtual machines into the existing network design
- configuration and management of industry standard storage infrastructure.

Assessment Conditions

Skills in this unit must be demonstrated in a workplace or simulated environment where the conditions are typical of those in a working environment in this industry.

This includes access to:

- a site or prototype, where virtual machine environments may be implemented
- network technical requirements
- a range of suitable software.

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 Guide is found on VETNet -

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