



Australian Government

Assessment Requirements for ICTNWK423

Manage network and data integrity

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:

- maintain and manage at least one network
- maintain data integrity whilst managing at least one network
- document and lodge outcomes and process.

In the course of the above, the candidate must:

- use industry standard tools to conduct audit on system assets
- implement and test antivirus solution
- employ systems to negate environmental threats
- demonstrate features of data backup, restore and system roll back
- perform network monitoring using a variety of current standard tools
- add network controls according to network and data integrity policies.

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:

- broad principles of current data integrity on a network, including:
 - auditing and control of user access
 - asset tracking and auditing
- industry standard antivirus solutions and techniques
- backup, restore and rollback procedures
- system and network monitoring tools and their related functions
- organisational structure and business functionality as they relate to data integrity
- tools and applications required to manage network and data integrity, including disaster recovery processes.

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 network and data integrity strategies may be implemented and managed
- use of network support tools currently used in industry
- organisational security policies, manufacturer recommendations and network and data integrity protection standards.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standard.

Links

Companion Volume Implementation Guide is found on VETNet -

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