Assessment Requirements for ICTNWK301 Provide network systems administration

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:

- sustain the operation of the network through the maintenance of network integrity, and by performing diagnostic tests
- contribute to the formulation of a disaster recovery plan, and provide the client with an optimised network that complies with the organisational guidelines
- implement network and systems efficiency, according to organisational guidelines
- provide the appropriate access to the network for users
- maintain, limit or enhance user access, according to authorised requests.

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:

- outline the network's operating system
- outline the different approaches to backing-up, and restoring, computer data
- describe the key elements contained in a disaster recovery policy
- describe the features of network file and folder permissions
- outline the vendor service-level agreement
- summarise operating systems supported by the organisation, their functions and basic features
- outline the organisation's access and security procedures
- identify and describe the organisational and technical systems
- describe the organisational procedures for protection against, and elimination, of computer viruses
- describe the policies and procedures for deleting, restoring and archiving files
- describe the procedures for creating logons

- outline the security, and network, guidelines and procedures
- state the responsibilities for software copyright.

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 live network
- systems administration tools currently used in the industry
- the organisational policy and procedures

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