



Australian Government

Assessment Requirements for ICTTEN603 Undertake network traffic management

Release: 1

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Modification History

| Release | Comments |
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| Release 1 | This version first released with ICT Information and Communications Technology Training Package Version 2.0. |

Performance Evidence

Evidence of ability to:

- implement a contingency plan
- conduct traffic measurements
- develop contingencies to control traffic flow
- identify potential network traffic problems and make recommendations
- provide information for capacity planning.

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:

- explain customer policies and service level agreements
- outline network management planning principles
- summarise traffic blocking, congestion and dimensioning principles
- explain traffic engineering
- summarise traffic patterns
- outline transmission type and signals that may be encountered
- clarify typical network topologies, switching, routing and transmission techniques
- summarise various network management systems suitable for conducting traffic evaluations.

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 should be typical of those experienced in the telecommunications networks engineering field of work and include access to:

- a network and equipment for traffic monitoring and management
- equipment and systems manuals, specifications and enterprise policy.

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 guides are found in VETNet -

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