



Australian Government

Assessment Requirements for ICTTEN615 Manage network traffic

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 7.0.

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:

- conduct the management of network traffic on at least two network systems.

In the course of the above, the candidate must:

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

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:

- required legislation, planned network strategies, customer policies, service level agreements, codes, company work practices, regulations and standards, workplace health and safety (WHS) requirements for scoped work
- functions and features of:
 - system monitoring alerts and alarms
 - route and circuit availabilities
 - system outages
 - network management systems
 - traffic patterns
 - semi-permanent controls
 - traffic engineering
 - workplace documentation related to network traffic
- network management planning principles

- traffic blocking, congestion and dimensioning principles
- transmission type and signals that may be encountered
- network topologies, switching, routing and transmission techniques
- network traffic contingency plans
- various network management systems suitable for conducting traffic evaluations.

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 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 Guide is found on VETNet -

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