



Australian Government

Assessment Requirements for ICTTEN605 Implement planned network changes with minimal impact to the customer

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 2.0.

Performance Evidence

Evidence of ability to:

- evaluate planned network changes, including impact on customer
- develop network engineering strategies to manage outages
- implement network changes
- conduct integration testing, analyse results and rectify faults
- enable full functionality of network changes.

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 compatibility and interoperability of system types
- explain factors affecting network stability
- identify and describe the function of network hardware
- summarise internet protocol (IP) based networks
- outline legislation and licensing requirements relevant to work activity
- provide a detailed summary of optical networks
- explain quality assurance procedures
- identify and describe the function of network software
- evaluate the test equipment suitable for tests to be made, and describe calibration procedures
- outline types of customer networks.

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:

- sites where network changes may be conducted
- testing equipment currently used in industry
- 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>