



Australian Government

Assessment Requirements for ICTTEN608 Verify new software and hardware releases

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:

- develop a plan for testing new software releases, including functionality and performance under load conditions
- develop a contingency plan recognising potential causes of problems and their impact on service levels
- test compatibility of software and hardware with existing system
- analyse impact of integration of new hardware and software release on the network and make recommendations for improvement.

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 features and operating requirements of testing routines and equipment, key performance indicators (KPIs) and service level agreements
 - explain information required to operate software and hardware according to a test specification
 - outline manufacturer's requirements for operation of equipment
 - summarise specific organisational requirements relating to the activity and site conditions
 - clarify system maintenance and upgrade procedures, codes of practice and other formal agreements impacting the work activity
 - explain test methods, performance and integration requirements
 - summarise typical issues and challenges that occur with new software and hardware releases.
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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 system to verify compliance and compatibility of software and hardware
- test equipment currently used in industry
- systems manuals, vendor 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>
