



Australian Government

Assessment Requirements for ICTICT450

Identify and use applications for a distributed ledger

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 6.0.

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:

- set up and use at least one distributed ledger application to an organisational process.

In the course of the above, the candidate must:

- research business model and determine required distributed ledger application
- comply with blockchain best practices and guidelines.

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:

- business models, processes and transaction types
- consensus mechanisms and protocols
- underlying distributed ledger technology functions and uses including:
 - blockchain principles, best practices and guidelines
 - cryptography
 - immutable database rules
 - transactional components
- industry standard functions and uses of distributed ledger applications, service provider platforms and their general capabilities
- industry standard uses for applications
- documentation techniques applicable to documenting DLT requirements
- research procedures and techniques used for determining DLT requirements.

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:

- industry standard software and hardware to access internet and web delivered information
- vendor specifications
- platforms providing distributed ledger applications
- blockchain best practice guidelines.

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>