



Australian Government

Assessment Requirements for ICTIOT503 Design and test IoT devices and networks

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:

- research, design and test at least two IoT devices according to organisational needs.

In the course of the above, the candidate must:

- communicate advantages and disadvantages of IoT devices in specified networks
- produce design reports for the two devices.

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:

- functions and features of industry IoT devices and networks
- types of resources available to design IoT devices
- IoT design topologies
- advantages and disadvantages of resources available to design IoT devices and networks
- methods to determine compatibility between IoT devices and networks
- characteristics of design reports for IoT devices
- organisational policies and procedures to design IoT devices and networks.

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:

- tools, equipment, materials, hardware required to design and test IoT devices and networks

- environmental conditions and specifications required for design IoT devices and networks.

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>