



Australian Government

Assessment Requirements for ICTIOT501 Install 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:

- connect at least three IoT devices to an IoT network.

In the course of the above, the candidate must:

- check and test environmental factors affecting connectivity of 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 standard network and platforms that support IoT devices and components
- language uses required for installing IoT devices and networks
- functions and uses industry standard hardware and software tools relating to installing IoT devices and networks
- different environmental impacts and contexts relating to where and how IoT devices are used
- IoT security considerations and their impact
- testing and debugging methodologies and techniques required to test software, hardware and environmental impacts.

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 install and test an IoT network to devices
- industry standard software packages relevant to installing IoT devices and networks
- organisational, technical and manufacturer procedures and documentation.

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>