



Australian Government

Assessment Requirements for ICTNWK428

Create scripts for networking

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:

- design, document, construct and test a small single purpose operating system (OS) utility application in response to a problem description
- create a scripted program that access information stored in files on system and use system utility programs to sort and find information within files for one operating system (OS)
- document process.

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:

- principles of algorithm design
- operating system components and processes, including:
 - command line interface
 - log files
 - program scheduling utilities
 - data types
 - operations and expressions
 - development methodologies
- tools, utilities and testing methods that may be used to create scripts for networking
- debugging for a variety of scripting scenarios
- programming structured control constructs: sequence, selection and iteration
- scripting techniques and language syntax that may be used to create scripts for networking.

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:

- OS scheduling software
- storage guidelines for ICT equipment
- work health and safety requirements
- technical requirements
- software development environment
- software testing environment.

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>