Assessment Requirements for ICTNWK424
Install and operate small enterprise branch networks
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Modification History

<table>
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<th>Release</th>
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<td>Release 1</td>
<td>This version first released with ICT Information and Communications Technology Training Package Version 6.0.</td>
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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:

- configure, install and operate one small enterprise branch network
- identify, test and verify performance capability issues for a small enterprise branch network.

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:

- internet protocol (IP) addressing scheme architecture
- network topologies, protocols and security solutions defined network problems
- Open Systems Interconnection (OSI) layers of networking
- Transmission Control Protocol (TCP)
- Network Address translation (NAT)
- dynamic host configuration protocol.

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:

- a site where network installation may be conducted
- small enterprise routers and switches
- network’s design documentation
- equipment specifications
- hardware and software required to install and operate small enterprise branch networks
- organisational guidelines
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- computers
- documents including policies and procedures that may affect installation and operation of a network.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links