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Assessment Requirements for ICTSAS530 Use network tools

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with the Information and Communications Technology Training Package Version 8.0. • Supersedes and is equivalent to ICTSAS517 Use network tools. • Supersedes and is not equivalent to ICTNWK613 Develop plans to manage structured troubleshooting process of enterprise networks.

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:

• use at least three different types of network tools to maintain high security networks.

In the course of the above, the candidate must:

• distinguish between different types of industry-recognised network tools
• apply required organisational policies and procedures.

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:

• different types of industry-recognised network tools to maintain high security networks
• functions and features of:
    • security guidelines
    • command-line interface and graphical user interface (GUI) systems
    • command-line tools
    • command-line text
    • high security networks, software and hardware
    • computing diagnostic tools
• strategies to undertake risk analysis
• techniques to categorise system vulnerability alerts
• types and features of security threats on devices and networks

- key organisational processes and requirements to carry out required work tasks, including:
  - backing up and restoring operations
  - updating settings
  - writing command-line text
  - reporting security and software updates
  - raising threats and alerts to supervisory personnel
- organisational formats for documentation and recommendations
- work health and safety (WHS) standards, organisational policies and procedures, and legislative requirements relating to work tasks.

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:

- required networking tools, hardware, software and operating systems
- opportunities for interaction with others
- WHS standards, and organisational policies and procedures required to demonstrate the performance evidence.

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

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