Assessment Requirements for DEFFOR015 Conduct digital data search and analysis

Release: 1

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Modification History

Release 1. This is the first release of this unit of competency in the DEF Defence Training Package.

Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria on at least one occasion and include:

- analysing and evaluating data
- applying reasoning processes using at least two of:
    - inductive (interpreting raw information, identifying and testing trends or patterns)
    - deductive (beginning with a hypothesis and testing it), lateral, critical or creative
    - problem-solving techniques and decision making
- conducting a digital data search using forensic hardware and software
- communicating and negotiating
- analysing and evaluating data
- maximising the potential evidentiary value of the digital evidence
- operating safely
- preparing reports
- reducing and describing data
- using and interpreting the outcomes from different types of digital forensic tools

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria and include knowledge of:

- analytical techniques appropriate for data analysis systems
- available resources required to support the analysis process
- digital operating and storage device theory, characteristics and operating mechanisms
- evidentiary requirements
- inductive/deductive reasoning processes
- relevant laws, policies and procedures
- security issues and classifications
- the influence of human factors on data analysis
- various types of digital forensic tools and their capabilities and limitations
- work health and safety (WHS) practices to be followed when conducting digital data search

and analysis.

Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must occur in workplace operational situations. Where this is not appropriate, assessment must occur in simulated workplace operational situations that reflect workplace conditions.

Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Resources for assessment must include access to:

- a range of relevant exercises, case studies and/or simulations
- applicable documentation, including workplace procedures, regulations, codes of practice and operation manuals
- relevant materials, tools, equipment and personal protective equipment (PPE) currently used in industry.

Links

Companion Volume Implementation Guides are found on VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6bdbab1e-11ed-4bc9-9cba-9e1a55d4e4a9