



Australian Government

DEFFOR017 Detect, collect and record digital evidence

Release: 1

DEFFOR017 Detect, collect and record digital evidence

Modification History

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

Application

This unit describes the skills and knowledge required to conduct activities involved in the detection, recording and collection of digital evidence prior to laboratory examination.

This unit applies to those working in the gathering and analysis of digital information.

The skills and knowledge described in this unit must be applied within the legislative, regulatory and policy environment in which they are carried out. Organisational policies and procedures must be consulted and adhered to, particularly those relating to work health and safety (WHS) and the search for and seizure of digital evidence.

Those undertaking this unit would work independently, with minimal supervision, while performing complex tasks, including making complex judgements. They would use discretion and judgement and take responsibility for the quality of their outputs.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Not applicable.

Competency Field

Digital Forensics.

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate achievement of the element.

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|---|--|
| 1 Detect and record digital evidence | 1.1 Detect digital evidence using suitable techniques and technologies |
| | 1.2 Record digital evidence prior to examination |
| 2 Collect digital evidence | 2.1 Collect digital evidence to prevent contamination or loss |
| | 2.2 Ensure that collected digital evidence is sufficient to allow all potential examinations/analyses to be carried out |
| | 2.3 Document the collected digital evidence |
| 3 Package digital evidence | 3.1 Package and store collected digital evidence to maintain continuity and prevent degradation or contamination |
| | 3.2 Record digital evidence in case notes |
| | 3.3 Register digital evidence in relevant evidence management documents to ensure continuity |

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Non-essential conditions may be found in the DEF Defence Training Package Companion Volume Implementation Guide.

Unit Mapping Information

This unit supersedes and is equivalent to DEFFOR008 Detect, record and collect electronic evidence.

Links

Companion Volume Implementation Guides are found on VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6bdbab1e-11ed-4bc9-9cba-9e1a55d4e4a9>

Assessment Requirements for DEFFOR017 Detect, collect and record digital evidence

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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:

- examining digital evidence
- handling and preserving continuity of evidence
- making analytical decisions
- maximising the evidentiary value of the digital evidence
- operating safely
- packaging and storing items to maintain continuity and prevent degradation or contamination by considering:
 - digital stability
 - exhibit labels
 - packaging medium
 - physical nature of exhibit
 - storage temperature
 - tamper-evident seals
- solving problems

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:

- available techniques and their limitations
- collection and preservation of specific evidence types
- legislative, policy and organisational context and requirements
- required documentation
- roles and functions of other forensic discipline specialists
- work health and safety (WHS) practices to be followed when detecting, collecting and recording digital evidence.

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.

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