



Australian Government

DEFFOR003 Gather and analyse electronic information

Release: 1

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Modification History

Release	Comments
1	This unit was released in DEF Defence Training Package release 1.0 and meets the Standards for Training Packages.

Application

This unit describes the skills required to gather and analyse electronic information to support electronic forensic investigations. It includes identifying, collecting, analysing, presenting and maintaining information, compiling notes and statements of evidence, and removing portable media from machines. It also covers the use of initial screening technology. In the context of this unit, portable media refers to external hard drives, SIM cards, recording media, flash drives, tape drives and other peripherals.

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

Those undertaking this unit would work independently or as part of a team, under indirect supervision, while performing complex tasks in a broad range of contexts. They must be able to use discretion and judgement and take responsibility for the quality of their outputs.

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

Competency Field

Electronic Forensics

Elements and Performance Criteria

ELEMENTS	PERFORMANCE CRITERIA
Elements describe the essential outcomes	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the range of conditions section.
1. Detect and record electronic evidence	1.1 Detect electronic evidence using observational techniques and technological methods. 1.2 Record electronic evidence prior to examination.

	1.3 Document the recorded electronic evidence.
2. Collect and analyse electronic evidence	2.1 Collect electronic evidence by handpicking or removal of portable media from machine to prevent contamination or loss. 2.2 Ensure collected electronic evidence is sufficient in detail, where possible, to allow all potential examinations/analysis to be carried out. 2.3 Conduct initial analysis of collected electronic evidence and report on outcomes.
3. Package electronic evidence	3.1 Package and store items to maintain continuity and prevent degradation or contamination. 3.2 Enter details of electronic evidence collected in case notes and, where appropriate, in the exhibit register to maintain the chain of custody.

Foundation Skills

The foundation skills demands of this unit have been mapped for alignment with the Australian Core Skills Framework (ACSF). The following tables outline the performance levels indicated for successful attainment of the unit.

ACSF levels indicative of performance:

1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
Learning					Reading					Writing					Oral communication					Numeracy N/A				
Performance variables																								
1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
Support					Context					Text complexity					Task complexity									

Further information on ACSF and the foundation skills underpinning this unit can be found in the Foundation Skills Guide on the GSA website.

Unit Mapping Information

No equivalent unit.

Links

Companion Volume implementation guides are found in VETNet -

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

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