Assessment Requirements for DEFFOR006 Conduct electronic data search and analysis

Release: 1

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Modification History

Release	Comments
1	These Assessment Requirements were released in DEF Defence Training Package release 1.0 and meet the Standards for Training Packages.

Performance Evidence

Evidence required to demonstrate competence must satisfy all of the requirements of the elements and performance criteria. If not otherwise specified the candidate must demonstrate evidence of performance of the following on at least one occasion.

- conducting an electronic data search
- communicating (listening, questioning, presenting) and negotiating
- using and interpreting the outcomes from different types of electronic forensic tools
- reducing and describing data
- applying thinking processes including 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
- preparing analysis reports
- constructing sound inductive arguments
- evaluating data
- using computer and information systems
- conducting analysis including:
  - quantitative and/or qualitative
  - explorative
  - descriptive
  - causative
  - predictive
  - development of hypotheses
  - timeline development
  - link analysis
  - comparative
  - biographical
  - demographic or geographic

- historical
- scenario generation
- Delphi technique
- morphological maximising the potential evidentiary value of the electronic evidence
- operating safely

Knowledge Evidence

Evidence required to demonstrate competence must satisfy all of the requirements of the elements and performance criteria. If not otherwise specified the depth of knowledge demonstrated must be appropriate to the job context of the candidate.

- computer and storage device theory, characteristics and operating mechanisms
- government and policy environments within which analysis will be conducted various types of electronic forensic tools and their capabilities and limitations
- applicable laws, policy and procedures
- available resources required to support the intelligence analysis process
- security issues and classifications
- the range of analytical techniques appropriate for data analysis evaluation systems
- thinking and inductive/deductive reasoning processes
- the influence of human factors on data analysis
- evidentiary requirements

Assessment Conditions

Competency should be assessed in an actual workplace or in a simulated environment, with access to equipment and infrastructure appropriate to the outcome. Competency should be demonstrated over time to ensure the candidate is assessed across a variety of situations, with access to electronic devices with content suitable for forensic extraction including mobile devices, computers or communications equipment.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

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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