



Australian Government

DEFEAP003 Use enterprise architecture tools

Release: 1

DEFEAP003 Use enterprise architecture tools

Modification History

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

Application

This unit specifies the skills and knowledge required to use agreed organisational enterprise architecture tools to permit the implementation of the enterprise architecture by various elements of the organisation.

It includes operating software to use operational, systems and technical tools.

This unit applies to those working in an enterprise architecture practice for Defence but may be applicable to anyone in this field.

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.

Persons undertaking this unit work autonomously and perform sophisticated tasks in familiar contexts.

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

Pre-requisite Unit

Not applicable

Competency Field

Enterprise Architecture Practice

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 Operate enterprise architecture software tools | 1.1 Select and use enterprise architecture software tools in accordance with organisational procedures |
| | 1.2 Use enterprise information technology support system, as required |
| 2 Use enterprise architecture operational tools | 2.1 Prepare descriptions for high-level operational concepts and operational node connectivity |
| | 2.2 Prepare operational information exchange matrices |
| | 2.3 Prepare and seek agreement about command relationship chart |
| | 2.4 Model business activities, relationships between activities, inputs and outputs |
| | 2.5 Prepare business activity sequences and timings in accordance with organisational business rules, business activity reforms and critical sequences |
| | 2.6 Prepare a logical data model of business activity for stakeholder submission |
| 3 Use enterprise architecture systems tools | 3.1 Prepare systems descriptions and systems technology forecast, and obtain agreement from stakeholders |
| | 3.2 Develop systems matrices to meet project requirements and obtain agreement from stakeholders, as required |
| | 3.3 Model systems rules for the business architecture |
| | 3.4 Implement the logical data model of the business activity and undertake demonstrations to capture systems requirements, as required |
| 4 Use enterprise architecture technical tools | 4.1 Create a technical systems profile, and gauge support levels required for the development of the intended system in consultation with stakeholders |
| | 4.2 Develop an information technology strategy for intended systems development |
| | 4.3 Derive enterprise information technology performance requirements to allow standards, configurations and products relevant to the intended systems development |

4.4 Create a technology standards report in accordance with operational procedures

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 Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to DEFEA003 Use enterprise architecture tools.

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for DEFEAP003 Use enterprise architecture tools

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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 three occasions and include:

- applying organisational policies and procedures
- applying systems analysis
- creating and documenting the required enterprise architecture using the agreed set of enterprise architecture tools
- undertaking technical writing
- using effective communication with diverse stakeholders, including negotiation
- using enterprise architecture 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:

- critical points and criteria for compliance
- information technology strategy including the likely impact on the development of the intended system
- legislation, regulations, policies, procedures and guidelines relating to enterprise architecture, and the public sector work environment
- relevant stakeholders
- scope and structure of organisation's enterprise architecture framework
- relevant systems descriptions and matrices.

Assessment Conditions

As a minimum, assessors must satisfy applicable regulatory requirements, which include requirements in the Standards for Registered Training Organisations current at the time of assessment.

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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.

Assessment must occur in workplace operational situations, where it is appropriate to do so; where this is not appropriate, assessment must occur in simulated workplace operational situations that replicate workplace conditions.

Resources for assessment must include access to:

- a range of relevant exercises, case studies and workplace scenarios that capture the range of situations likely to be encountered when using enterprise architecture tools
- relevant and appropriate materials, tools, equipment and personal protective equipment currently used in industry
- relevant and appropriate legislation, policy, procedures and protocols relating to enterprise architecture
- capacity for monitoring and sampling over an extended period with extensive reference to representatives
- applicable documentation including operational procedures, regulations, codes of practice and operation manuals.

Links

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